Weed Science

Rice Annual Research Report

2016

Photo. Transplanting aquatic weeds in research plots

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School of Plant, Environmental and Soil Sciences

Weed Science

Annual Research Report

2016

Louisiana State University Agricultural Center

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LSU Vice President for Agriculture

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Research Summary:

2017-306-30706

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Introduction

This report summarizes the 2016 rice weed management trials and is prepared for the use of producers, industry cooperators, colleagues at other universities, and other interested persons. The interpretation of these data may change after additional experimentation. The information presented is not an endorsement or recommendation, is intended for private use, and may not be reproduced without permission.

Many of the herbicide treatments used in these tests may not be labeled for use, or may not be recommended by the Louisiana State University AgCenter. Always refer to each herbicide label, Louisiana's Suggested Chemical Weed Control Guide, and Louisiana's Rice Production Handbook for recommendations.

Spraying methods are outlined for each individual experiment. Abbreviations, Bayer weed codes, rainfall data, and a list of all chemicals used in this research are listed in the Appendix.

Trade names were used throughout this report for clarity except where they were unavailable, in which case the herbicides are listed by experimental number. Herbicide rates are expressed as units of active ingredient (ai), acid equivalent (ae), and or product amount.

Data presented in this report are summarized and statistically analyzed with the Agriculture Research Manager by Gylling Data Management, Inc., Brookings, South Dakota.

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LJ3-A-02 Efficacy of Potential Provisia Tankmix Options

Experiment number	**C16-01**
Location	RRS-Crowley, LA
Experimental design	RCB
Number of reps	4
Plot size	5'x17'
Row width/# per plot	7.5"/8
Soil type	Crowley silt loam (3% sand, 69% silt, 28% clay)
% OM	1.4
pH	6.4
CEC	19.1
Crop/Variety	Provisia
Planting date	5/10/16
Emergence date	5/22/16
Harvest date	N/A

Application type	DPRE	EPOST	PREFLOOD
Date applied [mm/dd/yy]	5/16/16	6/1/16	6/13/16
Time [hh:mm-hh:mm]	1:30-1:35p	9:37-9:57a	9:00-9:15a
Air/Soil temperature [F]	77/76	79/84	83/85
Relative humidity [%]	78%	80%	85%
Wind [mph, direction]	5-7, ESE	1-3, E	2-3, S
Weather [sunny, etc]	cloudy	cloudy	pt. cloudy
Soil/Leaf surface moist	wet/dry	dry/dry	wet/dry
Crop stage/Height	NA/NA	2-3lf/2-4"	4-5lf/6-8"
Sprayer type/MPH	BKPK/3.0	BKPK/3.0	BKPK/3.0
Nozzle type/Size*	FF/110015	FF/110015	FF/110015
Boom ht/# Noz/Spacing	15/5/15	15/5/15	15/5/15
GPA/PSI	15/22	15/21	15/21
Applied by	SYR	EPW	EAB

Weed Species (population)	---------- (height/#leaves) ----------		
SEBEX(1-30m^{-2})	0.50-1"/cot	3-4"/3-4lf	8-15"/6-8lf
ALRPH(1-10m^{-2})	0.50-1"/3-5lf	6-10"/5-8lf	2-6"/2-8lf
ECHCG(2-30m^{-2})	0.50"/1lf	3-4lf/4-5lf	6-12"/3lf-1till
CYPIR(50-150m^{-2})		1-2"/1-3lf	6-12"/3-5lf
ECLAL(10-25m^{-2})		1-3"/cot-2lf	3-5"/2-4lf
CNPPA(3-5m^{-2})		2-4"/2-5lf	4-8"/4-8lf
AESIN(20-30m^{-2})		4-6"/2-5lf	8-15"/6-8lf
ORYSA(20-30m^{-2})		2-4"/2-3lf	6-8"/4-5lf
CL111(20-30m^{-2})		2-4"/2-3lf	6-8"/4-5lf
CLXL745(20-30m^{-2})		2-4"/2-3lf	6-8"/4-5lf

Flush Dates	5/12/16
Permanent Flood	6/16/16

*AMFF – Air mix flat fan nozzles

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LJ3-A-02 Efficacy of Potential Provisia Tankmix Options

Experiment number .....: **C16-01**
Location.....: RRS-Crowley, LA
Experimental design.....: RCB
Number of reps.....: 4
Plot size.....: 5'x17'
Row width/# per plot.....: 7.5"/8
Soil type .....: Crowley silt loam (3% sand, 69% silt, 28% clay)
% OM .....: 1.4
pH .....: 6.4
CEC.....: 19.1
Crop/Variety .....: Provisia
Planting date .....: 5/10/16
Emergence date .....: 5/22/16
Harvest date.....: N/A

Application type .....: PRIOR to PI
Date applied [mm/dd/yy].....: 7/18/16
Time [hh:mm-hh:mm] .....: 9:34-9:36a
Air/Soil temperature [F].....: 87/88
Relative humidity [%].....: 75%
Wind [mph, direction].....: 2-4, WSW
Weather [sunny, etc].....: sunny
Soil/Leaf surface moist .....: flood/dry
Crop stage/Height.....: PI/24-36"
Sprayer type/MPH .....: BKPK/3.0
Nozzle type/Size* .....: FF/110015
Boom ht/# Noz/Spacing.....: 15/5/15
GPA/PSI.....: 15/21
Applied by.....: SYR

Weed Species (population)..:- (height/#leaves) -
ALRPH(1-10m^{-2}).....: 12-24"/10-25lf
ECHCG(2-30m^{-2}).....: 12-20"/3-4till-heading

Flush Dates .....: 5/12/16
Permanent Flood.....: 6/16/16

*AMFF – Air mix flat fan nozzles

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LJ3-A-02.0- Efficacy of Potential Provisia Tankmix Options

Trial ID:C16-01 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-01 Investigator:Eric P. Webster

Pest Code								CL111	CL111	CL111
Rating Date								Jun-24-2016	Jul-5-2016	Jul-18-2016
Rating Type								CONTROL	CONTROL	CONTROL
Rating Unit								%	%	%
Trt-Eval Interval								11 DA PREFL	22 DA PREFL	35 DA PREFL
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
1	Nontreated									0g	0c	0d
2	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	EPOST	97a	81ab	95abc
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PREFLOOD			
3	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	EPOST	95abc	82a	97a
	Prowl 3.3	3.3	gA/L	EC	0.0083	lb ai/a	38.8	oz/a	EPOST			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Permit	75%		WG	21.3	g ai/a	1	oz/a	PREFLOOD			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PREFLOOD			
4	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	EPOST	91a-d	79ab	95abc
	Prowl 3.3	3.3	gA/L	EC	0.0083	lb ai/a	38.8	oz/a	EPOST			
	Basagran 5L	5	gA/L	L	0.0065	lb ai/a	20	oz/a	EPOST			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Permit	75%		WG	21.3	g ai/a	1	oz/a	PREFLOOD			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PREFLOOD			
5	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	EPOST	91a-d	82a	97ab
	Prowl 3.3	3.3	gA/L	EC	0.0083	lb ai/a	38.8	oz/a	EPOST			
	Facet L	1.5	LBA/GAL	L	0.375	lb ai/a	32	oz/a	EPOST			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Permit	75%		WG	21.3	g ai/a	1	oz/a	PREFLOOD			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PREFLOOD			
6	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	EPOST	89bcd	78ab	93bc
	Prowl 3.3	3.3	gA/L	EC	0.0083	lb ai/a	38.8	oz/a	EPOST			
	Sharpen	2.85	LBA/GAL	SC	0.0167	lb ai/a	0.75	oz/a	EPOST			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Permit	75%		WG	21.3	g ai/a	1	oz/a	PREFLOOD			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PREFLOOD			
7	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	EPOST	76f	78ab	93c
	Facet L	1.5	LBA/GAL	L	0.375	lb ai/a	32	oz/a	EPOST			
	Sharpen	2.85	LBA/GAL	SC	0.0167	lb ai/a	0.75	oz/a	EPOST			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Permit	75%		WG	21.3	g ai/a	1	oz/a	PREFLOOD			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PREFLOOD			
8	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	EPOST	86de	81ab	96abc
	Permit	75%		WG	21.3	g ai/a	1	oz/a	EPOST			
	Sharpen	2.85	LBA/GAL	SC	0.0167	lb ai/a	0.75	oz/a	EPOST			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Grasp	2	LBA/GAL	EC	0.0375	lb ai/a	2.4	oz/a	PREFLOOD			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PREFLOOD			

Means followed by same letter or symbol do not significantly differ (P=.05, LSD)
Missing data estimates are included in columns:Average=28
Could not calculate LSD (% mean diff) for columns 23,24,27,28,29 because error mean square = 0.

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LJ3-A-02.0- Efficacy of Potential Provisia Tankmix Options

Trial ID:C16-01 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-01 Investigator:Eric P. Webster

Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	CL111 Jun-24-2016 CONTROL % 11 DA PREFL	CL111 Jul-5-2016 CONTROL % 22 DA PREFL	CL111 Jul-18-2016 CONTROL % 35 DA PREFL
9	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	EPOST	88cd	77b	96abc
	Permit	75%		WG	21.3	g ai/a	1	oz/a	EPOST			
	Sharpen	2.85	LBA/GAL	SC	0.0167	lb ai/a	0.75	oz/a	EPOST			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Regiment	80%		WP	0.0463	lb ai/a	0.93	oz/a	PREFLOOD			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PREFLOOD			
10	Command	3	LBA/GAL	ME	0.375	lb ai/a	16	oz/a	DPRE	96ab	81ab	97a
	Sharpen	2.85	LBA/GAL	SC	0.0167	lb ai/a	0.75	oz/a	DPRE			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	EPOST			
	Prowl 3.3	3.3	gA/L	EC	0.0083	lb ai/a	38.8	oz/a	EPOST			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Permit	75%		WG	21.3	g ai/a	1	oz/a	PREFLOOD			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PREFLOOD			
11	Command	3	LBA/GAL	ME	0.375	lb ai/a	16	oz/a	DPRE	94a-d	82a	97a
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	EPOST			
	Prowl 3.3	3.3	gA/L	EC	0.0083	lb ai/a	38.8	oz/a	EPOST			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Permit	75%		WG	21.3	g ai/a	1	oz/a	PREFLOOD			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PREFLOOD			
12	Command	3	LBA/GAL	ME	0.375	lb ai/a	16	oz/a	DPRE	98a	81ab	98a
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	EPOST			
	Basagran 5L	5	gA/L	L	0.0065	lb ai/a	20	oz/a	EPOST			
	Prowl 3.3	3.3	gA/L	EC	0.0083	lb ai/a	38.8	oz/a	EPOST			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Permit	75%		WG	21.3	g ai/a	1	oz/a	PREFLOOD			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PREFLOOD			
13	RiceBeaux	6	LBA/GAL	L	4.5	lb ai/a	96	oz/a	EPOST	80ef	81ab	97ab
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Permit	75%		WG	21.3	g ai/a	1	oz/a	PREFLOOD			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PREFLOOD			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PRIOR to PI			
	Grasp	2	LBA/GAL	EC	0.0375	lb ai/a	2.4	oz/a	PRIOR to PI			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PRIOR to PI			
14	RiceBeaux	6	LBA/GAL	L	4.5	lb ai/a	96	oz/a	EPOST	95abc	77ab	95abc
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	EPOST			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Permit	75%		WG	21.3	g ai/a	1	oz/a	PREFLOOD			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PREFLOOD			
LSD P=.05										7.9	5.0	3.6
Standard Deviation										5.5	3.5	2.5
CV										6.57	4.71	2.85
Replicate F										1.819	0.680	3.359
Replicate Prob(F)										0.1596	0.5697	0.0283
Treatment F										82.060	150.111	410.025
Treatment Prob(F)										0.0001	0.0001	0.0001

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LJ3-A-02.0- Efficacy of Potential Provisia Tankmix Options

Trial ID:C16-01 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-01 Investigator:Eric P. Webster

Pest Code								CLXL745	CLXL745	CLXL745
Rating Date								Jun-24-2016	Jul-5-2016	Jul-18-2016
Rating Type								CONTROL	CONTROL	CONTROL
Rating Unit								%	%	%
Trt-Eval Interval								11 DA PREFL	22 DA PREFL	35 DA PREFL
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
1	Nontreated									0e	0b	0d
2	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	EPOST	98a	97a	95ab
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	EPOST			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	PREFLOOD			
3	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	EPOST	95a	98a	97ab
	Prowl 3.3	3.3	gA/L	EC	0.0083	lb ai/a	38.8	oz/a	EPOST			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	EPOST			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Permit	75	%	WG	21.3	g ai/a	1	oz/a	PREFLOOD			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	PREFLOOD			
4	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	EPOST	93ab	97a	95abc
	Prowl 3.3	3.3	gA/L	EC	0.0083	lb ai/a	38.8	oz/a	EPOST			
	Basagran 5L	5	gA/L	L	0.0065	lb ai/a	20	oz/a	EPOST			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	EPOST			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Permit	75	%	WG	21.3	g ai/a	1	oz/a	PREFLOOD			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	PREFLOOD			
5	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	EPOST	94a	98a	97ab
	Prowl 3.3	3.3	gA/L	EC	0.0083	lb ai/a	38.8	oz/a	EPOST			
	Facet L	1.5	LBA/GAL	L	0.375	lb ai/a	32	oz/a	EPOST			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	EPOST			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Permit	75	%	WG	21.3	g ai/a	1	oz/a	PREFLOOD			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	PREFLOOD			
6	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	EPOST	87bc	95a	93bc
	Prowl 3.3	3.3	gA/L	EC	0.0083	lb ai/a	38.8	oz/a	EPOST			
	Sharpen	2.85	LBA/GAL	SC	0.0167	lb ai/a	0.75	oz/a	EPOST			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	EPOST			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Permit	75	%	WG	21.3	g ai/a	1	oz/a	PREFLOOD			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	PREFLOOD			
7	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	EPOST	80cd	95a	90c
	Facet L	1.5	LBA/GAL	L	0.375	lb ai/a	32	oz/a	EPOST			
	Sharpen	2.85	LBA/GAL	SC	0.0167	lb ai/a	0.75	oz/a	EPOST			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	EPOST			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Permit	75	%	WG	21.3	g ai/a	1	oz/a	PREFLOOD			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	PREFLOOD			
8	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	EPOST	87bc	97a	94abc
	Permit	75	%	WG	21.3	g ai/a	1	oz/a	EPOST			
	Sharpen	2.85	LBA/GAL	SC	0.0167	lb ai/a	0.75	oz/a	EPOST			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	EPOST			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Grasp	2	LBA/GAL	EC	0.0375	lb ai/a	2.4	oz/a	PREFLOOD			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	PREFLOOD			

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LJ3-A-02.0- Efficacy of Potential Provisia Tankmix Options

Trial ID:C16-01 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-01 Investigator:Eric P. Webster

Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	CLXL745 Jun-24-2016 CONTROL % 11 DA PREFL	CLXL745 Jul-5-2016 CONTROL % 22 DA PREFL	CLXL745 Jul-18-2016 CONTROL % 35 DA PREFL
9	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	EPOST	91ab	95a	96ab
	Permit	75%		WG	21.3	g ai/a	1	oz/a	EPOST			
	Sharpen	2.85	LBA/GAL	SC	0.0167	lb ai/a	0.75	oz/a	EPOST			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Regiment	80%		WP	0.0463	lb ai/a	0.93	oz/a	PREFLOOD			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PREFLOOD			
10	Command	3	LBA/GAL	ME	0.375	lb ai/a	16	oz/a	DPRE	94a	97a	97ab
	Sharpen	2.85	LBA/GAL	SC	0.0167	lb ai/a	0.75	oz/a	DPRE			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	EPOST			
	Prowl 3.3	3.3	gA/L	EC	0.0083	lb ai/a	38.8	oz/a	EPOST			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Permit	75%		WG	21.3	g ai/a	1	oz/a	PREFLOOD			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PREFLOOD			
11	Command	3	LBA/GAL	ME	0.375	lb ai/a	16	oz/a	DPRE	93ab	98a	97ab
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	EPOST			
	Prowl 3.3	3.3	gA/L	EC	0.0083	lb ai/a	38.8	oz/a	EPOST			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Permit	75%		WG	21.3	g ai/a	1	oz/a	PREFLOOD			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PREFLOOD			
12	Command	3	LBA/GAL	ME	0.375	lb ai/a	16	oz/a	DPRE	97a	97a	98a
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	EPOST			
	Basagran 5L	5	gA/L	L	0.0065	lb ai/a	20	oz/a	EPOST			
	Prowl 3.3	3.3	gA/L	EC	0.0083	lb ai/a	38.8	oz/a	EPOST			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Permit	75%		WG	21.3	g ai/a	1	oz/a	PREFLOOD			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PREFLOOD			
13	RiceBeaux	6	LBA/GAL	L	4.5	lb ai/a	96	oz/a	EPOST	78d	95a	97ab
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Permit	75%		WG	21.3	g ai/a	1	oz/a	PREFLOOD			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PREFLOOD			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PRIOR to PI			
	Grasp	2	LBA/GAL	EC	0.0375	lb ai/a	2.4	oz/a	PRIOR to PI			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PRIOR to PI			
14	RiceBeaux	6	LBA/GAL	L	4.5	lb ai/a	96	oz/a	EPOST	96a	95a	95abc
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	EPOST			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Permit	75%		WG	21.3	g ai/a	1	oz/a	PREFLOOD			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PREFLOOD			
LSD P=.05										6.9	4.0	4.6
Standard Deviation										4.9	2.8	3.2
CV										5.76	3.1	3.63
Replicate F										1.583	1.030	1.713
Replicate Prob(F)										0.2089	0.3899	0.1802
Treatment F										106.133	346.466	253.559
Treatment Prob(F)										0.0001	0.0001	0.0001

LSU AgCenter SPESS

LJ3-A-02.0- Efficacy of Potential Provisia Tankmix Options

Trial ID:C16-01 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-01 Investigator:Eric P. Webster

Pest Code								ORYSA	ORYSA	ORYSA
Rating Date								Jun-24-2016	Jul-5-2016	Jul-18-2016
Rating Type								CONTROL	CONTROL	CONTROL
Rating Unit								%	%	%
Trt-Eval Interval								11 DA PREFL	22 DA PREFL	35 DA PREFL
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
1	Nontreated									0e	0b	0c
2	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	EPOST	98a	95a	97b
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	EPOST			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	PREFLOOD			
3	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	EPOST	97ab	98a	98a
	Prowl 3.3	3.3	gA/L	EC	0.0083	lb ai/a	38.8	oz/a	EPOST			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	EPOST			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Permit	75	%	WG	21.3	g ai/a	1	oz/a	PREFLOOD			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	PREFLOOD			
4	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	EPOST	94bc	97a	98a
	Prowl 3.3	3.3	gA/L	EC	0.0083	lb ai/a	38.8	oz/a	EPOST			
	Basagran 5L	5	gA/L	L	0.0065	lb ai/a	20	oz/a	EPOST			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	EPOST			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Permit	75	%	WG	21.3	g ai/a	1	oz/a	PREFLOOD			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	PREFLOOD			
5	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	EPOST	95abc	98a	98a
	Prowl 3.3	3.3	gA/L	EC	0.0083	lb ai/a	38.8	oz/a	EPOST			
	Facet L	1.5	LBA/GAL	L	0.375	lb ai/a	32	oz/a	EPOST			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	EPOST			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Permit	75	%	WG	21.3	g ai/a	1	oz/a	PREFLOOD			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	PREFLOOD			
6	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	EPOST	93cd	95a	98a
	Prowl 3.3	3.3	gA/L	EC	0.0083	lb ai/a	38.8	oz/a	EPOST			
	Sharpen	2.85	LBA/GAL	SC	0.0167	lb ai/a	0.75	oz/a	EPOST			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	EPOST			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Permit	75	%	WG	21.3	g ai/a	1	oz/a	PREFLOOD			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	PREFLOOD			
7	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	EPOST	90d	98a	98a
	Facet L	1.5	LBA/GAL	L	0.375	lb ai/a	32	oz/a	EPOST			
	Sharpen	2.85	LBA/GAL	SC	0.0167	lb ai/a	0.75	oz/a	EPOST			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	EPOST			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Permit	75	%	WG	21.3	g ai/a	1	oz/a	PREFLOOD			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	PREFLOOD			
8	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	EPOST	92cd	97a	98a
	Permit	75	%	WG	21.3	g ai/a	1	oz/a	EPOST			
	Sharpen	2.85	LBA/GAL	SC	0.0167	lb ai/a	0.75	oz/a	EPOST			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	EPOST			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Grasp	2	LBA/GAL	EC	0.0375	lb ai/a	2.4	oz/a	PREFLOOD			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	PREFLOOD			

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LJ3-A-02.0- Efficacy of Potential Provisia Tankmix Options

Trial ID:C16-01 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-01 Investigator:Eric P. Webster

Pest Code								ORYSA	ORYSA	ORYSA
Rating Date								Jun-24-2016	Jul-5-2016	Jul-18-2016
Rating Type								CONTROL	CONTROL	CONTROL
Rating Unit								%	%	%
Trt-Eval Interval								11 DA PREFL	22 DA PREFL	35 DA PREFL
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
9	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	EPOST	95abc	96a	98a
	Permit	75%		WG	21.3	g ai/a	1	oz/a	EPOST			
	Sharpen	2.85	LBA/GAL	SC	0.0167	lb ai/a	0.75	oz/a	EPOST			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Regiment	80%		WP	0.0463	lb ai/a	0.93	oz/a	PREFLOOD			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PREFLOOD			
10	Command	3	LBA/GAL	ME	0.375	lb ai/a	16	oz/a	DPRE	95abc	97a	98a
	Sharpen	2.85	LBA/GAL	SC	0.0167	lb ai/a	0.75	oz/a	DPRE			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	EPOST			
	Prowl 3.3	3.3	gA/L	EC	0.0083	lb ai/a	38.8	oz/a	EPOST			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Permit	75%		WG	21.3	g ai/a	1	oz/a	PREFLOOD			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PREFLOOD			
11	Command	3	LBA/GAL	ME	0.375	lb ai/a	16	oz/a	DPRE	95abc	98a	98a
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	EPOST			
	Prowl 3.3	3.3	gA/L	EC	0.0083	lb ai/a	38.8	oz/a	EPOST			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Permit	75%		WG	21.3	g ai/a	1	oz/a	PREFLOOD			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PREFLOOD			
12	Command	3	LBA/GAL	ME	0.375	lb ai/a	16	oz/a	DPRE	98a	97a	98a
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	EPOST			
	Basagran 5L	5	gA/L	L	0.0065	lb ai/a	20	oz/a	EPOST			
	Prowl 3.3	3.3	gA/L	EC	0.0083	lb ai/a	38.8	oz/a	EPOST			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Permit	75%		WG	21.3	g ai/a	1	oz/a	PREFLOOD			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PREFLOOD			
13	RiceBeaux	6	LBA/GAL	L	4.5	lb ai/a	96	oz/a	EPOST	90d	96a	98a
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Permit	75%		WG	21.3	g ai/a	1	oz/a	PREFLOOD			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PREFLOOD			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PRIOR to PI			
	Grasp	2	LBA/GAL	EC	0.0375	lb ai/a	2.4	oz/a	PRIOR to PI			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PRIOR to PI			
14	RiceBeaux	6	LBA/GAL	L	4.5	lb ai/a	96	oz/a	EPOST	97a	95a	98a
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	EPOST			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Permit	75%		WG	21.3	g ai/a	1	oz/a	PREFLOOD			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PREFLOOD			
LSD P=.05										3.4	3.6	0.6
Standard Deviation										2.4	2.5	0.4
CV										2.7	2.77	0.44
Replicate F										2.158	0.686	1.000
Replicate Prob(F)										0.1085	0.5658	0.4031
Treatment F										460.741	434.096	17054.677
Treatment Prob(F)										0.0001	0.0001	0.0001

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LJ3-A-02.0- Efficacy of Potential Provisia Tankmix Options

Trial ID:C16-01 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-01 Investigator:Eric P. Webster

Pest Code								ECHCG	ECHCG	ECHCG
Rating Date								Jun-24-2016	Jul-5-2016	Jul-18-2016
Rating Type								CONTROL	CONTROL	CONTROL
Rating Unit								%	%	%
Trt-Eval Interval								11 DA PREFL	22 DA PREFL	35 DA PREFL
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
1	Nontreated									0f	0b	0c
2	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	EPOST	96abc	97a	97ab
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	EPOST			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	PREFLOOD			
3	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	EPOST	96abc	98a	98a
	Prowl 3.3	3.3	gA/L	EC	0.0083	lb ai/a	38.8	oz/a	EPOST			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	EPOST			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Permit	75	%	WG	21.3	g ai/a	1	oz/a	PREFLOOD			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	PREFLOOD			
4	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	EPOST	95bc	98a	98a
	Prowl 3.3	3.3	gA/L	EC	0.0083	lb ai/a	38.8	oz/a	EPOST			
	Basagran 5L	5	gA/L	L	0.0065	lb ai/a	20	oz/a	EPOST			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	EPOST			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Permit	75	%	WG	21.3	g ai/a	1	oz/a	PREFLOOD			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	PREFLOOD			
5	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	EPOST	96abc	98a	97ab
	Prowl 3.3	3.3	gA/L	EC	0.0083	lb ai/a	38.8	oz/a	EPOST			
	Facet L	1.5	LBA/GAL	L	0.375	lb ai/a	32	oz/a	EPOST			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	EPOST			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Permit	75	%	WG	21.3	g ai/a	1	oz/a	PREFLOOD			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	PREFLOOD			
6	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	EPOST	94c	98a	97ab
	Prowl 3.3	3.3	gA/L	EC	0.0083	lb ai/a	38.8	oz/a	EPOST			
	Sharpen	2.85	LBA/GAL	SC	0.0167	lb ai/a	0.75	oz/a	EPOST			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	EPOST			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Permit	75	%	WG	21.3	g ai/a	1	oz/a	PREFLOOD			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	PREFLOOD			
7	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	EPOST	89d	97a	98a
	Facet L	1.5	LBA/GAL	L	0.375	lb ai/a	32	oz/a	EPOST			
	Sharpen	2.85	LBA/GAL	SC	0.0167	lb ai/a	0.75	oz/a	EPOST			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	EPOST			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Permit	75	%	WG	21.3	g ai/a	1	oz/a	PREFLOOD			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	PREFLOOD			
8	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	EPOST	86d	97a	97ab
	Permit	75	%	WG	21.3	g ai/a	1	oz/a	EPOST			
	Sharpen	2.85	LBA/GAL	SC	0.0167	lb ai/a	0.75	oz/a	EPOST			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	EPOST			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Grasp	2	LBA/GAL	EC	0.0375	lb ai/a	2.4	oz/a	PREFLOOD			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	PREFLOOD			

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LJ3-A-02.0- Efficacy of Potential Provisia Tankmix Options

Trial ID:C16-01 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-01 Investigator:Eric P. Webster

Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	ECHCG Jun-24-2016 CONTROL % 11 DA PREFL	ECHCG Jul-5-2016 CONTROL % 22 DA PREFL	ECHCG Jul-18-2016 CONTROL % 35 DA PREFL
9	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	EPOST	98a	97a	97ab
	Permit	75%		WG	21.3	g ai/a	1	oz/a	EPOST			
	Sharpen	2.85	LBA/GAL	SC	0.0167	lb ai/a	0.75	oz/a	EPOST			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Regiment	80%		WP	0.0463	lb ai/a	0.93	oz/a	PREFLOOD			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PREFLOOD			
10	Command	3	LBA/GAL	ME	0.375	lb ai/a	16	oz/a	DPRE	97ab	98a	98a
	Sharpen	2.85	LBA/GAL	SC	0.0167	lb ai/a	0.75	oz/a	DPRE			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	EPOST			
	Prowl 3.3	3.3	gA/L	EC	0.0083	lb ai/a	38.8	oz/a	EPOST			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Permit	75%		WG	21.3	g ai/a	1	oz/a	PREFLOOD			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PREFLOOD			
11	Command	3	LBA/GAL	ME	0.375	lb ai/a	16	oz/a	DPRE	94bc	98a	98a
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	EPOST			
	Prowl 3.3	3.3	gA/L	EC	0.0083	lb ai/a	38.8	oz/a	EPOST			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Permit	75%		WG	21.3	g ai/a	1	oz/a	PREFLOOD			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PREFLOOD			
12	Command	3	LBA/GAL	ME	0.375	lb ai/a	16	oz/a	DPRE	98a	98a	98a
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	EPOST			
	Basagran 5L	5	gA/L	L	0.0065	lb ai/a	20	oz/a	EPOST			
	Prowl 3.3	3.3	gA/L	EC	0.0083	lb ai/a	38.8	oz/a	EPOST			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Permit	75%		WG	21.3	g ai/a	1	oz/a	PREFLOOD			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PREFLOOD			
13	RiceBeaux	6	LBA/GAL	L	4.5	lb ai/a	96	oz/a	EPOST	83e	97a	95b
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Permit	75%		WG	21.3	g ai/a	1	oz/a	PREFLOOD			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PREFLOOD			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PRIOR to PI			
	Grasp	2	LBA/GAL	EC	0.0375	lb ai/a	2.4	oz/a	PRIOR to PI			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PRIOR to PI			
14	RiceBeaux	6	LBA/GAL	L	4.5	lb ai/a	96	oz/a	EPOST	97abc	97a	97ab
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	EPOST			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Permit	75%		WG	21.3	g ai/a	1	oz/a	PREFLOOD			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PREFLOOD			
LSD P=.05										3.4	1.4	2.1
Standard Deviation										2.4	1.0	1.5
CV										2.73	1.08	1.61
Replicate F										1.205	1.121	0.890
Replicate Prob(F)										0.3207	0.3525	0.4546
Treatment F										461.057	2850.506	1286.480
Treatment Prob(F)										0.0001	0.0001	0.0001

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LJ3-A-02.0- Efficacy of Potential Provisia Tankmix Options

Trial ID:C16-01 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-01 Investigator:Eric P. Webster

Pest Code								SEBEX	SEBEX	SEBEX
Rating Date								Jun-24-2016	Jul-5-2016	Jul-18-2016
Rating Type								CONTROL	CONTROL	CONTROL
Rating Unit								%	%	%
Trt-Eval Interval								11 DA PREFL	22 DA PREFL	35 DA PREFL
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
1	Nontreated									0c	0b	0b
2	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	EPOST	0c	0b	0b
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	EPOST			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	PREFLOOD			
3	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	EPOST	95a	97a	98a
	Prowl 3.3	3.3	gA/L	EC	0.0083	lb ai/a	38.8	oz/a	EPOST			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	EPOST			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Permit	75	%	WG	21.3	g ai/a	1	oz/a	PREFLOOD			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	PREFLOOD			
4	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	EPOST	89b	98a	98a
	Prowl 3.3	3.3	gA/L	EC	0.0083	lb ai/a	38.8	oz/a	EPOST			
	Basagran 5L	5	gA/L	L	0.0065	lb ai/a	20	oz/a	EPOST			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	EPOST			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Permit	75	%	WG	21.3	g ai/a	1	oz/a	PREFLOOD			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	PREFLOOD			
5	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	EPOST	98a	98a	98a
	Prowl 3.3	3.3	gA/L	EC	0.0083	lb ai/a	38.8	oz/a	EPOST			
	Facet L	1.5	LBA/GAL	L	0.375	lb ai/a	32	oz/a	EPOST			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	EPOST			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Permit	75	%	WG	21.3	g ai/a	1	oz/a	PREFLOOD			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	PREFLOOD			
6	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	EPOST	97a	98a	98a
	Prowl 3.3	3.3	gA/L	EC	0.0083	lb ai/a	38.8	oz/a	EPOST			
	Sharpen	2.85	LBA/GAL	SC	0.0167	lb ai/a	0.75	oz/a	EPOST			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	EPOST			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Permit	75	%	WG	21.3	g ai/a	1	oz/a	PREFLOOD			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	PREFLOOD			
7	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	EPOST	98a	97a	98a
	Facet L	1.5	LBA/GAL	L	0.375	lb ai/a	32	oz/a	EPOST			
	Sharpen	2.85	LBA/GAL	SC	0.0167	lb ai/a	0.75	oz/a	EPOST			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	EPOST			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Permit	75	%	WG	21.3	g ai/a	1	oz/a	PREFLOOD			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	PREFLOOD			
8	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	EPOST	98a	98a	98a
	Permit	75	%	WG	21.3	g ai/a	1	oz/a	EPOST			
	Sharpen	2.85	LBA/GAL	SC	0.0167	lb ai/a	0.75	oz/a	EPOST			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	EPOST			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Grasp	2	LBA/GAL	EC	0.0375	lb ai/a	2.4	oz/a	PREFLOOD			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	PREFLOOD			

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LJ3-A-02.0- Efficacy of Potential Provisia Tankmix Options

Trial ID:C16-01 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-01 Investigator:Eric P. Webster

Pest Code								SEBEX	SEBEX	SEBEX
Rating Date								Jun-24-2016	Jul-5-2016	Jul-18-2016
Rating Type								CONTROL	CONTROL	CONTROL
Rating Unit								%	%	%
Trt-Eval Interval								11 DA PREFL	22 DA PREFL	35 DA PREFL
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
9	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	EPOST	99a	98a	98a
	Permit	75%		WG	21.3	g ai/a	1	oz/a	EPOST			
	Sharpen	2.85	LBA/GAL	SC	0.0167	lb ai/a	0.75	oz/a	EPOST			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Regiment	80%		WP	0.0463	lb ai/a	0.93	oz/a	PREFLOOD			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PREFLOOD			
10	Command	3	LBA/GAL	ME	0.375	lb ai/a	16	oz/a	DPRE	99a	97a	98a
	Sharpen	2.85	LBA/GAL	SC	0.0167	lb ai/a	0.75	oz/a	DPRE			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	EPOST			
	Prowl 3.3	3.3	gA/L	EC	0.0083	lb ai/a	38.8	oz/a	EPOST			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Permit	75%		WG	21.3	g ai/a	1	oz/a	PREFLOOD			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PREFLOOD			
11	Command	3	LBA/GAL	ME	0.375	lb ai/a	16	oz/a	DPRE	97a	98a	98a
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	EPOST			
	Prowl 3.3	3.3	gA/L	EC	0.0083	lb ai/a	38.8	oz/a	EPOST			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Permit	75%		WG	21.3	g ai/a	1	oz/a	PREFLOOD			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PREFLOOD			
12	Command	3	LBA/GAL	ME	0.375	lb ai/a	16	oz/a	DPRE	99a	98a	98a
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	EPOST			
	Basagran 5L	5	gA/L	L	0.0065	lb ai/a	20	oz/a	EPOST			
	Prowl 3.3	3.3	gA/L	EC	0.0083	lb ai/a	38.8	oz/a	EPOST			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Permit	75%		WG	21.3	g ai/a	1	oz/a	PREFLOOD			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PREFLOOD			
13	RiceBeaux	6	LBA/GAL	L	4.5	lb ai/a	96	oz/a	EPOST	98a	98a	98a
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Permit	75%		WG	21.3	g ai/a	1	oz/a	PREFLOOD			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PREFLOOD			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PRIOR to PI			
	Grasp	2	LBA/GAL	EC	0.0375	lb ai/a	2.4	oz/a	PRIOR to PI			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PRIOR to PI			
14	RiceBeaux	6	LBA/GAL	L	4.5	lb ai/a	96	oz/a	EPOST	98a	98a	98a
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	EPOST			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Permit	75%		WG	21.3	g ai/a	1	oz/a	PREFLOOD			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PREFLOOD			
LSD P=.05										3.9	1.0	0.4
Standard Deviation										2.7	0.7	0.3
CV										3.27	0.84	0.32
Replicate F										0.775	1.000	0.650
Replicate Prob(F)										0.5152	0.4031	0.5877
Treatment F										674.208	10089.419	69031.957
Treatment Prob(F)										0.0001	0.0001	0.0001

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LJ3-A-02.0- Efficacy of Potential Provisia Tankmix Options

Trial ID:C16-01 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-01 Investigator:Eric P. Webster

Pest Code								CNPPA	CNPPA	CNPPA
Rating Date								Jun-24-2016	Jul-5-2016	Jul-18-2016
Rating Type								CONTROL	CONTROL	CONTROL
Rating Unit								%	%	%
Trt-Eval Interval								11 DA PREFL	22 DA PREFL	35 DA PREFL
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
1	Nontreated									0e	0h	0e
2	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	EPOST	0e	0h	0e
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	EPOST			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	PREFLOOD			
3	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	EPOST	87bc	81bc	88ab
	Prowl 3.3	3.3	gA/L	EC	0.0083	lb ai/a	38.8	oz/a	EPOST			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	EPOST			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Permit	75	%	WG	21.3	g ai/a	1	oz/a	PREFLOOD			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	PREFLOOD			
4	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	EPOST	91abc	92a	98a
	Prowl 3.3	3.3	gA/L	EC	0.0083	lb ai/a	38.8	oz/a	EPOST			
	Basagran 5L	5	gA/L	L	0.0065	lb ai/a	20	oz/a	EPOST			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	EPOST			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Permit	75	%	WG	21.3	g ai/a	1	oz/a	PREFLOOD			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	PREFLOOD			
5	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	EPOST	97a	89ab	88ab
	Prowl 3.3	3.3	gA/L	EC	0.0083	lb ai/a	38.8	oz/a	EPOST			
	Facet L	1.5	LBA/GAL	L	0.375	lb ai/a	32	oz/a	EPOST			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	EPOST			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Permit	75	%	WG	21.3	g ai/a	1	oz/a	PREFLOOD			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	PREFLOOD			
6	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	EPOST	95a	78c	84bc
	Prowl 3.3	3.3	gA/L	EC	0.0083	lb ai/a	38.8	oz/a	EPOST			
	Sharpen	2.85	LBA/GAL	SC	0.0167	lb ai/a	0.75	oz/a	EPOST			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	EPOST			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Permit	75	%	WG	21.3	g ai/a	1	oz/a	PREFLOOD			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	PREFLOOD			
7	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	EPOST	73d	33f	68d
	Facet L	1.5	LBA/GAL	L	0.375	lb ai/a	32	oz/a	EPOST			
	Sharpen	2.85	LBA/GAL	SC	0.0167	lb ai/a	0.75	oz/a	EPOST			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	EPOST			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Permit	75	%	WG	21.3	g ai/a	1	oz/a	PREFLOOD			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	PREFLOOD			
8	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	EPOST	92abc	53d	74cd
	Permit	75	%	WG	21.3	g ai/a	1	oz/a	EPOST			
	Sharpen	2.85	LBA/GAL	SC	0.0167	lb ai/a	0.75	oz/a	EPOST			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	EPOST			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Grasp	2	LBA/GAL	EC	0.0375	lb ai/a	2.4	oz/a	PREFLOOD			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	PREFLOOD			

LSU AgCenter SPESS

LJ3-A-02.0- Efficacy of Potential Provisia Tankmix Options

Trial ID:C16-01 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-01 Investigator:Eric P. Webster

Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	CNPPA Jun-24-2016 CONTROL % 11 DA PREFL	CNPPA Jul-5-2016 CONTROL % 22 DA PREFL	CNPPA Jul-18-2016 CONTROL % 35 DA PREFL
9	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	EPOST	91	94a	83bc
	Permit	75%		WG	21.3	g ai/a	1	oz/a	EPOST			
	Sharpen	2.85	LBA/GAL	SC	0.0167	lb ai/a	0.75	oz/a	EPOST			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Regiment	80%		WP	0.0463	lb ai/a	0.93	oz/a	PREFLOOD			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PREFLOOD			
10	Command	3	LBA/GAL	ME	0.375	lb ai/a	16	oz/a	DPRE	94a	94a	98a
	Sharpen	2.85	LBA/GAL	SC	0.0167	lb ai/a	0.75	oz/a	DPRE			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	EPOST			
	Prowl 3.3	3.3	gA/L	EC	0.0083	lb ai/a	38.8	oz/a	EPOST			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Permit	75%		WG	21.3	g ai/a	1	oz/a	PREFLOOD			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PREFLOOD			
11	Command	3	LBA/GAL	ME	0.375	lb ai/a	16	oz/a	DPRE	85c	92a	98a
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	EPOST			
	Prowl 3.3	3.3	gA/L	EC	0.0083	lb ai/a	38.8	oz/a	EPOST			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Permit	75%		WG	21.3	g ai/a	1	oz/a	PREFLOOD			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PREFLOOD			
12	Command	3	LBA/GAL	ME	0.375	lb ai/a	16	oz/a	DPRE	93ab	93a	92ab
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	EPOST			
	Basagran 5L	5	gA/L	L	0.0065	lb ai/a	20	oz/a	EPOST			
	Prowl 3.3	3.3	gA/L	EC	0.0083	lb ai/a	38.8	oz/a	EPOST			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Permit	75%		WG	21.3	g ai/a	1	oz/a	PREFLOOD			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PREFLOOD			
13	RiceBeaux	6	LBA/GAL	L	4.5	lb ai/a	96	oz/a	EPOST	66d	20g	65d
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Permit	75%		WG	21.3	g ai/a	1	oz/a	PREFLOOD			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PREFLOOD			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PRIOR to PI			
	Grasp	2	LBA/GAL	EC	0.0375	lb ai/a	2.4	oz/a	PRIOR to PI			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PRIOR to PI			
14	RiceBeaux	6	LBA/GAL	L	4.5	lb ai/a	96	oz/a	EPOST	86c	41e	73cd
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	EPOST			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Permit	75%		WG	21.3	g ai/a	1	oz/a	PREFLOOD			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PREFLOOD			
LSD P=.05										7.2	8.3	13.1
Standard Deviation										5.0	5.8	9.1
CV										6.83	9.48	12.69
Replicate F										1.152	1.312	1.479
Replicate Prob(F)										0.3415	0.2841	0.2353
Treatment F										181.318	154.572	50.354
Treatment Prob(F)										0.0001	0.0001	0.0001

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LJ3-A-02.0- Efficacy of Potential Provisia Tankmix Options

Trial ID:C16-01 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-01 Investigator:Eric P. Webster

Pest Code								ECLAL	ECLAL	ECLAL
Rating Date								Jun-24-2016	Jul-5-2016	Jul-18-2016
Rating Type								CONTROL	CONTROL	CONTROL
Rating Unit								%	%	%
Trt-Eval Interval								11 DA PREFL	22 DA PREFL	35 DA PREFL
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
1	Nontreated									0e	0c	0b
2	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	EPOST	0e	0c	0b
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	EPOST			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	PREFLOOD			
3	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	EPOST	88bcd	82a	98a
	Prowl 3.3	3.3	gA/L	EC	0.0083	lb ai/a	38.8	oz/a	EPOST			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	EPOST			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Permit	75	%	WG	21.3	g ai/a	1	oz/a	PREFLOOD			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	PREFLOOD			
4	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	EPOST	93abc	82a	98a
	Prowl 3.3	3.3	gA/L	EC	0.0083	lb ai/a	38.8	oz/a	EPOST			
	Basagran 5L	5	gA/L	L	0.0065	lb ai/a	20	oz/a	EPOST			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	EPOST			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Permit	75	%	WG	21.3	g ai/a	1	oz/a	PREFLOOD			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	PREFLOOD			
5	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	EPOST	94ab	82a	98a
	Prowl 3.3	3.3	gA/L	EC	0.0083	lb ai/a	38.8	oz/a	EPOST			
	Facet L	1.5	LBA/GAL	L	0.375	lb ai/a	32	oz/a	EPOST			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	EPOST			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Permit	75	%	WG	21.3	g ai/a	1	oz/a	PREFLOOD			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	PREFLOOD			
6	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	EPOST	91a-d	68b	98a
	Prowl 3.3	3.3	gA/L	EC	0.0083	lb ai/a	38.8	oz/a	EPOST			
	Sharpen	2.85	LBA/GAL	SC	0.0167	lb ai/a	0.75	oz/a	EPOST			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	EPOST			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Permit	75	%	WG	21.3	g ai/a	1	oz/a	PREFLOOD			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	PREFLOOD			
7	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	EPOST	87cd	79a	97a
	Facet L	1.5	LBA/GAL	L	0.375	lb ai/a	32	oz/a	EPOST			
	Sharpen	2.85	LBA/GAL	SC	0.0167	lb ai/a	0.75	oz/a	EPOST			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	EPOST			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Permit	75	%	WG	21.3	g ai/a	1	oz/a	PREFLOOD			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	PREFLOOD			
8	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	EPOST	94ab	81a	98a
	Permit	75	%	WG	21.3	g ai/a	1	oz/a	EPOST			
	Sharpen	2.85	LBA/GAL	SC	0.0167	lb ai/a	0.75	oz/a	EPOST			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	EPOST			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Grasp	2	LBA/GAL	EC	0.0375	lb ai/a	2.4	oz/a	PREFLOOD			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	PREFLOOD			

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LJ3-A-02.0- Efficacy of Potential Provisia Tankmix Options

Trial ID:C16-01 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-01 Investigator:Eric P. Webster

Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	ECLAL Jun-24-2016 CONTROL % 11 DA PREFL	ECLAL Jul-5-2016 CONTROL % 22 DA PREFL	ECLAL Jul-18-2016 CONTROL % 35 DA PREFL
9	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	EPOST	97a	82a	98a
	Permit	75%		WG	21.3	g ai/a	1	oz/a	EPOST			
	Sharpen	2.85	LBA/GAL	SC	0.0167	lb ai/a	0.75	oz/a	EPOST			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Regiment	80%		WP	0.0463	lb ai/a	0.93	oz/a	PREFLOOD			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PREFLOOD			
10	Command	3	LBA/GAL	ME	0.375	lb ai/a	16	oz/a	DPRE	96a	82a	98a
	Sharpen	2.85	LBA/GAL	SC	0.0167	lb ai/a	0.75	oz/a	DPRE			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	EPOST			
	Prowl 3.3	3.3	gA/L	EC	0.0083	lb ai/a	38.8	oz/a	EPOST			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Permit	75%		WG	21.3	g ai/a	1	oz/a	PREFLOOD			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PREFLOOD			
11	Command	3	LBA/GAL	ME	0.375	lb ai/a	16	oz/a	DPRE	89bcd	81a	97a
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	EPOST			
	Prowl 3.3	3.3	gA/L	EC	0.0083	lb ai/a	38.8	oz/a	EPOST			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Permit	75%		WG	21.3	g ai/a	1	oz/a	PREFLOOD			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PREFLOOD			
12	Command	3	LBA/GAL	ME	0.375	lb ai/a	16	oz/a	DPRE	93abc	82a	98a
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	EPOST			
	Basagran 5L	5	gA/L	L	0.0065	lb ai/a	20	oz/a	EPOST			
	Prowl 3.3	3.3	gA/L	EC	0.0083	lb ai/a	38.8	oz/a	EPOST			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Permit	75%		WG	21.3	g ai/a	1	oz/a	PREFLOOD			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PREFLOOD			
13	RiceBeaux	6	LBA/GAL	L	4.5	lb ai/a	96	oz/a	EPOST	85d	78a	97a
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Permit	75%		WG	21.3	g ai/a	1	oz/a	PREFLOOD			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PREFLOOD			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PRIOR to PI			
	Grasp	2	LBA/GAL	EC	0.0375	lb ai/a	2.4	oz/a	PRIOR to PI			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PRIOR to PI			
14	RiceBeaux	6	LBA/GAL	L	4.5	lb ai/a	96	oz/a	EPOST	93abc	81a	98a
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	EPOST			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Permit	75%		WG	21.3	g ai/a	1	oz/a	PREFLOOD			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PREFLOOD			
LSD P=.05										6.9	4.3	1.1
Standard Deviation										4.8	3.0	0.8
CV										6.15	4.35	0.9
Replicate F										0.305	0.460	0.083
Replicate Prob(F)										0.8214	0.7119	0.9689
Treatment F										191.861	385.158	8792.483
Treatment Prob(F)										0.0001	0.0001	0.0001

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LJ3-A-02.0- Efficacy of Potential Provisia Tankmix Options

Trial ID:C16-01 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-01 Investigator:Eric P. Webster

Pest Code								CYPIR	CYPIR	CYPIR
Rating Date								Jun-24-2016	Jul-5-2016	Jul-18-2016
Rating Type								CONTROL	CONTROL	CONTROL
Rating Unit								%	%	%
Trt-Eval Interval								11 DA PREFL	22 DA PREFL	35 DA PREFL
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
1	Nontreated									0d	0b	0b
2	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	EPOST	0d	0b	0b
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	EPOST			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	PREFLOOD			
3	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	EPOST	87bc	98a	98a
	Prowl 3.3	3.3	gA/L	EC	0.0083	lb ai/a	38.8	oz/a	EPOST			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	EPOST			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Permit	75	%	WG	21.3	g ai/a	1	oz/a	PREFLOOD			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	PREFLOOD			
4	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	EPOST	90abc	98a	98a
	Prowl 3.3	3.3	gA/L	EC	0.0083	lb ai/a	38.8	oz/a	EPOST			
	Basagran 5L	5	gA/L	L	0.0065	lb ai/a	20	oz/a	EPOST			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	EPOST			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Permit	75	%	WG	21.3	g ai/a	1	oz/a	PREFLOOD			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	PREFLOOD			
5	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	EPOST	83c	98a	98a
	Prowl 3.3	3.3	gA/L	EC	0.0083	lb ai/a	38.8	oz/a	EPOST			
	Facet L	1.5	LBA/GAL	L	0.375	lb ai/a	32	oz/a	EPOST			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	EPOST			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Permit	75	%	WG	21.3	g ai/a	1	oz/a	PREFLOOD			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	PREFLOOD			
6	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	EPOST	84c	98a	98a
	Prowl 3.3	3.3	gA/L	EC	0.0083	lb ai/a	38.8	oz/a	EPOST			
	Sharpen	2.85	LBA/GAL	SC	0.0167	lb ai/a	0.75	oz/a	EPOST			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	EPOST			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Permit	75	%	WG	21.3	g ai/a	1	oz/a	PREFLOOD			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	PREFLOOD			
7	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	EPOST	83c	98a	98a
	Facet L	1.5	LBA/GAL	L	0.375	lb ai/a	32	oz/a	EPOST			
	Sharpen	2.85	LBA/GAL	SC	0.0167	lb ai/a	0.75	oz/a	EPOST			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	EPOST			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Permit	75	%	WG	21.3	g ai/a	1	oz/a	PREFLOOD			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	PREFLOOD			
8	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	EPOST	96a	98a	98a
	Permit	75	%	WG	21.3	g ai/a	1	oz/a	EPOST			
	Sharpen	2.85	LBA/GAL	SC	0.0167	lb ai/a	0.75	oz/a	EPOST			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	EPOST			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Grasp	2	LBA/GAL	EC	0.0375	lb ai/a	2.4	oz/a	PREFLOOD			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	PREFLOOD			

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LJ3-A-02.0- Efficacy of Potential Provisia Tankmix Options

Trial ID:C16-01 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-01 Investigator:Eric P. Webster

Pest Code								CYPIR	CYPIR	CYPIR
Rating Date								Jun-24-2016	Jul-5-2016	Jul-18-2016
Rating Type								CONTROL	CONTROL	CONTROL
Rating Unit								%	%	%
Trt-Eval Interval								11 DA PREFL	22 DA PREFL	35 DA PREFL
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
9	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	EPOST	97a	98a	98a
	Permit	75%		WG	21.3	g ai/a	1	oz/a	EPOST			
	Sharpen	2.85	LBA/GAL	SC	0.0167	lb ai/a	0.75	oz/a	EPOST			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Regiment	80%		WP	0.0463	lb ai/a	0.93	oz/a	PREFLOOD			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PREFLOOD			
10	Command	3	LBA/GAL	ME	0.375	lb ai/a	16	oz/a	DPRE	93ab	98a	98a
	Sharpen	2.85	LBA/GAL	SC	0.0167	lb ai/a	0.75	oz/a	DPRE			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	EPOST			
	Prowl 3.3	3.3	gA/L	EC	0.0083	lb ai/a	38.8	oz/a	EPOST			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Permit	75%		WG	21.3	g ai/a	1	oz/a	PREFLOOD			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PREFLOOD			
11	Command	3	LBA/GAL	ME	0.375	lb ai/a	16	oz/a	DPRE	85c	98a	98a
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	EPOST			
	Prowl 3.3	3.3	gA/L	EC	0.0083	lb ai/a	38.8	oz/a	EPOST			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Permit	75%		WG	21.3	g ai/a	1	oz/a	PREFLOOD			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PREFLOOD			
12	Command	3	LBA/GAL	ME	0.375	lb ai/a	16	oz/a	DPRE	92ab	98a	98a
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	EPOST			
	Basagran 5L	5	gA/L	L	0.0065	lb ai/a	20	oz/a	EPOST			
	Prowl 3.3	3.3	gA/L	EC	0.0083	lb ai/a	38.8	oz/a	EPOST			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Permit	75%		WG	21.3	g ai/a	1	oz/a	PREFLOOD			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PREFLOOD			
13	RiceBeaux	6	LBA/GAL	L	4.5	lb ai/a	96	oz/a	EPOST	89bc	98a	98a
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Permit	75%		WG	21.3	g ai/a	1	oz/a	PREFLOOD			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PREFLOOD			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PRIOR to PI			
	Grasp	2	LBA/GAL	EC	0.0375	lb ai/a	2.4	oz/a	PRIOR to PI			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PRIOR to PI			
14	RiceBeaux	6	LBA/GAL	L	4.5	lb ai/a	96	oz/a	EPOST	96a	98a	98a
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	EPOST			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Permit	75%		WG	21.3	g ai/a	1	oz/a	PREFLOOD			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PREFLOOD			
LSD P=.05										7.0	.	.
Standard Deviation										4.9	0.0	0.0
CV										6.37	0.0	0.0
Replicate F										1.008	0.000	0.000
Replicate Prob(F)										0.3995	1.0000	1.0000
Treatment F										180.936	0.000	0.000
Treatment Prob(F)										0.0001	1.0000	1.0000

LSU AgCenter SPESS

LJ3-A-02.0- Efficacy of Potential Provisia Tankmix Options

Trial ID:C16-01 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-01 Investigator:Eric P. Webster

Pest Code								AESIN	AESIN	RICE
Rating Date								Jul-5-2016	Jul-18-2016	Jun-24-2016
Rating Type								CONTROL	CONTROL	INJURY
Rating Unit								%	%	%
Trt-Eval Interval								22 DA PREFL	35 DA PREFL	11 DA PREFL
Trt Treatment No.	Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
1	Nontreated									0b	0c	0a
2	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	EPOST	0b	0c	0a
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	EPOST			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	PREFLOOD			
3	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	EPOST	97a	98ab	0a
	Prowl 3.3	3.3	gA/L	EC	0.0083	lb ai/a	38.8	oz/a	EPOST			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	EPOST			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Permit	75	%	WG	21.3	g ai/a	1	oz/a	PREFLOOD			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	PREFLOOD			
4	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	EPOST	98a	98a	0a
	Prowl 3.3	3.3	gA/L	EC	0.0083	lb ai/a	38.8	oz/a	EPOST			
	Basagran 5L	5	gA/L	L	0.0065	lb ai/a	20	oz/a	EPOST			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	EPOST			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Permit	75	%	WG	21.3	g ai/a	1	oz/a	PREFLOOD			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	PREFLOOD			
5	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	EPOST	97a	97b	0a
	Prowl 3.3	3.3	gA/L	EC	0.0083	lb ai/a	38.8	oz/a	EPOST			
	Facet L	1.5	LBA/GAL	L	0.375	lb ai/a	32	oz/a	EPOST			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	EPOST			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Permit	75	%	WG	21.3	g ai/a	1	oz/a	PREFLOOD			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	PREFLOOD			
6	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	EPOST	98a	98a	0a
	Prowl 3.3	3.3	gA/L	EC	0.0083	lb ai/a	38.8	oz/a	EPOST			
	Sharpen	2.85	LBA/GAL	SC	0.0167	lb ai/a	0.75	oz/a	EPOST			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	EPOST			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Permit	75	%	WG	21.3	g ai/a	1	oz/a	PREFLOOD			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	PREFLOOD			
7	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	EPOST	98a	98a	0a
	Facet L	1.5	LBA/GAL	L	0.375	lb ai/a	32	oz/a	EPOST			
	Sharpen	2.85	LBA/GAL	SC	0.0167	lb ai/a	0.75	oz/a	EPOST			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	EPOST			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Permit	75	%	WG	21.3	g ai/a	1	oz/a	PREFLOOD			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	PREFLOOD			
8	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	EPOST	97a	98ab	0a
	Permit	75	%	WG	21.3	g ai/a	1	oz/a	EPOST			
	Sharpen	2.85	LBA/GAL	SC	0.0167	lb ai/a	0.75	oz/a	EPOST			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	EPOST			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Grasp	2	LBA/GAL	EC	0.0375	lb ai/a	2.4	oz/a	PREFLOOD			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	PREFLOOD			

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LJ3-A-02.0- Efficacy of Potential Provisia Tankmix Options

Trial ID:C16-01 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-01 Investigator:Eric P. Webster

Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	AESIN Jul-5-2016 CONTROL % 22 DA PREFL	AESIN Jul-18-2016 CONTROL % 35 DA PREFL	RICE Jun-24-2016 INJURY % 11 DA PREFL
9	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	EPOST	98a	98a	0a
	Permit	75%		WG	21.3	g ai/a	1	oz/a	EPOST			
	Sharpen	2.85	LBA/GAL	SC	0.0167	lb ai/a	0.75	oz/a	EPOST			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Regiment	80%		WP	0.0463	lb ai/a	0.93	oz/a	PREFLOOD			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PREFLOOD			
10	Command	3	LBA/GAL	ME	0.375	lb ai/a	16	oz/a	DPRE	98a	98a	0a
	Sharpen	2.85	LBA/GAL	SC	0.0167	lb ai/a	0.75	oz/a	DPRE			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	EPOST			
	Prowl 3.3	3.3	gA/L	EC	0.0083	lb ai/a	38.8	oz/a	EPOST			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Permit	75%		WG	21.3	g ai/a	1	oz/a	PREFLOOD			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PREFLOOD			
11	Command	3	LBA/GAL	ME	0.375	lb ai/a	16	oz/a	DPRE	98a	98a	0a
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	EPOST			
	Prowl 3.3	3.3	gA/L	EC	0.0083	lb ai/a	38.8	oz/a	EPOST			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Permit	75%		WG	21.3	g ai/a	1	oz/a	PREFLOOD			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PREFLOOD			
12	Command	3	LBA/GAL	ME	0.375	lb ai/a	16	oz/a	DPRE	98a	98a	0a
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	EPOST			
	Basagran 5L	5	gA/L	L	0.0065	lb ai/a	20	oz/a	EPOST			
	Prowl 3.3	3.3	gA/L	EC	0.0083	lb ai/a	38.8	oz/a	EPOST			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Permit	75%		WG	21.3	g ai/a	1	oz/a	PREFLOOD			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PREFLOOD			
13	RiceBeaux	6	LBA/GAL	L	4.5	lb ai/a	96	oz/a	EPOST	97a	98ab	0a
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Permit	75%		WG	21.3	g ai/a	1	oz/a	PREFLOOD			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PREFLOOD			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PRIOR to PI			
	Grasp	2	LBA/GAL	EC	0.0375	lb ai/a	2.4	oz/a	PRIOR to PI			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PRIOR to PI			
14	RiceBeaux	6	LBA/GAL	L	4.5	lb ai/a	96	oz/a	EPOST	98a	98a	0a
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	EPOST			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Permit	75%		WG	21.3	g ai/a	1	oz/a	PREFLOOD			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PREFLOOD			
LSD P=.05										1.2	0.7	.
Standard Deviation										0.8	0.5	0.0
CV										0.99	0.55	0.0
Replicate F										0.441	1.000	0.000
Replicate Prob(F)										0.7249	0.4031	1.0000
Treatment F										7321.160	23581.156	0.000
Treatment Prob(F)										0.0001	0.0001	1.0000

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LJ3-A-02.0- Efficacy of Potential Provisia Tankmix Options

Trial ID:C16-01 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-01 Investigator:Eric P. Webster

Pest Code								RICE	RICE	RICE
Rating Date								Jul-5-2016	Jul-18-2016	Sep-6-2016
Rating Type								INJURY	INJURY	HEIGHT
Rating Unit								%	%	CM
Trt-Eval Interval								22 DA PREFL	35 DA PREFL	
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
1	Nontreated									0a	0a	40.3b
2	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	EPOST	0a	0a	39.0b
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	EPOST			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	PREFLOOD			
3	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	EPOST	0a	0a	96.5a
	Prowl 3.3	3.3	gA/L	EC	0.0083	lb ai/a	38.8	oz/a	EPOST			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	EPOST			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Permit	75	%	WG	21.3	g ai/a	1	oz/a	PREFLOOD			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	PREFLOOD			
4	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	EPOST	0a	0a	100.0a
	Prowl 3.3	3.3	gA/L	EC	0.0083	lb ai/a	38.8	oz/a	EPOST			
	Basagran 5L	5	gA/L	L	0.0065	lb ai/a	20	oz/a	EPOST			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	EPOST			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Permit	75	%	WG	21.3	g ai/a	1	oz/a	PREFLOOD			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	PREFLOOD			
5	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	EPOST	0a	0a	94.8a
	Prowl 3.3	3.3	gA/L	EC	0.0083	lb ai/a	38.8	oz/a	EPOST			
	Facet L	1.5	LBA/GAL	L	0.375	lb ai/a	32	oz/a	EPOST			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	EPOST			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Permit	75	%	WG	21.3	g ai/a	1	oz/a	PREFLOOD			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	PREFLOOD			
6	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	EPOST	0a	0a	96.8a
	Prowl 3.3	3.3	gA/L	EC	0.0083	lb ai/a	38.8	oz/a	EPOST			
	Sharpen	2.85	LBA/GAL	SC	0.0167	lb ai/a	0.75	oz/a	EPOST			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	EPOST			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Permit	75	%	WG	21.3	g ai/a	1	oz/a	PREFLOOD			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	PREFLOOD			
7	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	EPOST	0a	0a	99.8a
	Facet L	1.5	LBA/GAL	L	0.375	lb ai/a	32	oz/a	EPOST			
	Sharpen	2.85	LBA/GAL	SC	0.0167	lb ai/a	0.75	oz/a	EPOST			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	EPOST			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Permit	75	%	WG	21.3	g ai/a	1	oz/a	PREFLOOD			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	PREFLOOD			
8	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	EPOST	0a	0a	99.8a
	Permit	75	%	WG	21.3	g ai/a	1	oz/a	EPOST			
	Sharpen	2.85	LBA/GAL	SC	0.0167	lb ai/a	0.75	oz/a	EPOST			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	EPOST			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Grasp	2	LBA/GAL	EC	0.0375	lb ai/a	2.4	oz/a	PREFLOOD			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	PREFLOOD			

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LJ3-A-02.0- Efficacy of Potential Provisia Tankmix Options

Trial ID:C16-01 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-01 Investigator:Eric P. Webster

Pest Code								RICE	RICE	RICE
Rating Date								Jul-5-2016	Jul-18-2016	Sep-6-2016
Rating Type								INJURY	INJURY	HEIGHT
Rating Unit								%	%	CM
Trt-Eval Interval								22 DA PREFL	35 DA PREFL	
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
9	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	EPOST	0a	0a	102.8a
	Permit	75%		WG	21.3	g ai/a	1	oz/a	EPOST			
	Sharpen	2.85	LBA/GAL	SC	0.0167	lb ai/a	0.75	oz/a	EPOST			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Regiment	80%		WP	0.0463	lb ai/a	0.93	oz/a	PREFLOOD			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PREFLOOD			
10	Command	3	LBA/GAL	ME	0.375	lb ai/a	16	oz/a	DPRE	0a	0a	104.5a
	Sharpen	2.85	LBA/GAL	SC	0.0167	lb ai/a	0.75	oz/a	DPRE			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	EPOST			
	Prowl 3.3	3.3	gA/L	EC	0.0083	lb ai/a	38.8	oz/a	EPOST			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Permit	75%		WG	21.3	g ai/a	1	oz/a	PREFLOOD			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PREFLOOD			
11	Command	3	LBA/GAL	ME	0.375	lb ai/a	16	oz/a	DPRE	0a	0a	100.5a
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	EPOST			
	Prowl 3.3	3.3	gA/L	EC	0.0083	lb ai/a	38.8	oz/a	EPOST			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Permit	75%		WG	21.3	g ai/a	1	oz/a	PREFLOOD			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PREFLOOD			
12	Command	3	LBA/GAL	ME	0.375	lb ai/a	16	oz/a	DPRE	0a	0a	104.3a
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	EPOST			
	Basagran 5L	5	gA/L	L	0.0065	lb ai/a	20	oz/a	EPOST			
	Prowl 3.3	3.3	gA/L	EC	0.0083	lb ai/a	38.8	oz/a	EPOST			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Permit	75%		WG	21.3	g ai/a	1	oz/a	PREFLOOD			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PREFLOOD			
13	RiceBeaux	6	LBA/GAL	L	4.5	lb ai/a	96	oz/a	EPOST	0a	0a	91.5a
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Permit	75%		WG	21.3	g ai/a	1	oz/a	PREFLOOD			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PREFLOOD			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PRIOR to PI			
	Grasp	2	LBA/GAL	EC	0.0375	lb ai/a	2.4	oz/a	PRIOR to PI			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PRIOR to PI			
14	RiceBeaux	6	LBA/GAL	L	4.5	lb ai/a	96	oz/a	EPOST	0a	0a	100.3a
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	EPOST			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Permit	75%		WG	21.3	g ai/a	1	oz/a	PREFLOOD			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PREFLOOD			
LSD P=.05										.	.	26.43
Standard Deviation										0.0	0.0	18.48
CV										0.0	0.0	20.36
Replicate F										0.000	0.000	1.523
Replicate Prob(F)										1.0000	1.0000	0.2236
Treatment F										0.000	0.000	5.642
Treatment Prob(F)										1.0000	1.0000	0.0001

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LJ3-A-02.0- Efficacy of Potential Provisia Tankmix Options

Trial ID:C16-01 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-01 Investigator:Eric P. Webster

Pest Code Rating Date Rating Type Rating Unit Trt-Eval Interval								RICE Sep-9-2016 HEIGHT CM	RICE Sep-9-2016 HEIGHT CM	RICE Sep-9-2016 HEIGHT CM
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
1	Nontreated									39.5b	42.3b	44.8b
2	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	EPOST	39.5b	39.5b	40.5b
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PREFLOOD			
3	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	EPOST	95.8a	97.5a	97.5a
	Prowl 3.3	3.3	gA/L	EC	0.0083	lb ai/a	38.8	oz/a	EPOST			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Permit	75%		WG	21.3	g ai/a	1	oz/a	PREFLOOD			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PREFLOOD			
4	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	EPOST	100.5a	104.5a	97.5a
	Prowl 3.3	3.3	gA/L	EC	0.0083	lb ai/a	38.8	oz/a	EPOST			
	Basagran 5L	5	gA/L	L	0.0065	lb ai/a	20	oz/a	EPOST			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Permit	75%		WG	21.3	g ai/a	1	oz/a	PREFLOOD			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PREFLOOD			
5	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	EPOST	100.5a	96.3a	101.8a
	Prowl 3.3	3.3	gA/L	EC	0.0083	lb ai/a	38.8	oz/a	EPOST			
	Facet L	1.5	LBA/GAL	L	0.375	lb ai/a	32	oz/a	EPOST			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Permit	75%		WG	21.3	g ai/a	1	oz/a	PREFLOOD			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PREFLOOD			
6	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	EPOST	94.5a	98.0a	100.0a
	Prowl 3.3	3.3	gA/L	EC	0.0083	lb ai/a	38.8	oz/a	EPOST			
	Sharpen	2.85	LBA/GAL	SC	0.0167	lb ai/a	0.75	oz/a	EPOST			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Permit	75%		WG	21.3	g ai/a	1	oz/a	PREFLOOD			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PREFLOOD			
7	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	EPOST	103.5a	99.0a	90.8a
	Facet L	1.5	LBA/GAL	L	0.375	lb ai/a	32	oz/a	EPOST			
	Sharpen	2.85	LBA/GAL	SC	0.0167	lb ai/a	0.75	oz/a	EPOST			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Permit	75%		WG	21.3	g ai/a	1	oz/a	PREFLOOD			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PREFLOOD			
8	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	EPOST	101.0a	99.8a	87.0a
	Permit	75%		WG	21.3	g ai/a	1	oz/a	EPOST			
	Sharpen	2.85	LBA/GAL	SC	0.0167	lb ai/a	0.75	oz/a	EPOST			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Grasp	2	LBA/GAL	EC	0.0375	lb ai/a	2.4	oz/a	PREFLOOD			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PREFLOOD			

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LJ3-A-02.0- Efficacy of Potential Provisia Tankmix Options

Trial ID:C16-01 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-01 Investigator:Eric P. Webster

Pest Code								RICE	RICE	RICE
Rating Date								Sep-9-2016	Sep-9-2016	Sep-9-2016
Rating Type								HEIGHT	HEIGHT	HEIGHT
Rating Unit								CM	CM	CM
Trt-Eval Interval										
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
9	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	EPOST	101.5a	104.5a	99.5a
	Permit	75%		WG	21.3	g ai/a	1	oz/a	EPOST			
	Sharpen	2.85	LBA/GAL	SC	0.0167	lb ai/a	0.75	oz/a	EPOST			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Regiment	80%		WP	0.0463	lb ai/a	0.93	oz/a	PREFLOOD			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PREFLOOD			
10	Command	3	LBA/GAL	ME	0.375	lb ai/a	16	oz/a	DPRE	103.3a	105.0a	105.3a
	Sharpen	2.85	LBA/GAL	SC	0.0167	lb ai/a	0.75	oz/a	DPRE			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	EPOST			
	Prowl 3.3	3.3	gA/L	EC	0.0083	lb ai/a	38.8	oz/a	EPOST			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Permit	75%		WG	21.3	g ai/a	1	oz/a	PREFLOOD			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PREFLOOD			
11	Command	3	LBA/GAL	ME	0.375	lb ai/a	16	oz/a	DPRE	99.0a	101.8a	99.3a
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	EPOST			
	Prowl 3.3	3.3	gA/L	EC	0.0083	lb ai/a	38.8	oz/a	EPOST			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Permit	75%		WG	21.3	g ai/a	1	oz/a	PREFLOOD			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PREFLOOD			
12	Command	3	LBA/GAL	ME	0.375	lb ai/a	16	oz/a	DPRE	98.5a	102.5a	103.3a
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	EPOST			
	Basagran 5L	5	gA/L	L	0.0065	lb ai/a	20	oz/a	EPOST			
	Prowl 3.3	3.3	gA/L	EC	0.0083	lb ai/a	38.8	oz/a	EPOST			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Permit	75%		WG	21.3	g ai/a	1	oz/a	PREFLOOD			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PREFLOOD			
13	RiceBeaux	6	LBA/GAL	L	4.5	lb ai/a	96	oz/a	EPOST	101.5a	92.8a	102.5a
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Permit	75%		WG	21.3	g ai/a	1	oz/a	PREFLOOD			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PREFLOOD			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PRIOR to PI			
	Grasp	2	LBA/GAL	EC	0.0375	lb ai/a	2.4	oz/a	PRIOR to PI			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PRIOR to PI			
14	RiceBeaux	6	LBA/GAL	L	4.5	lb ai/a	96	oz/a	EPOST	98.5a	99.5a	98.0a
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	EPOST			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST			
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	PREFLOOD			
	Permit	75%		WG	21.3	g ai/a	1	oz/a	PREFLOOD			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PREFLOOD			
LSD P=.05										25.80	28.03	30.89
Standard Deviation										18.04	19.59	21.59
CV										19.78	21.39	23.85
Replicate F										0.729	0.398	0.603
Replicate Prob(F)										0.5409	0.7555	0.6173
Treatment F										5.979	4.942	3.733
Treatment Prob(F)										0.0001	0.0001	0.0007

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Orthosulfamuron in Provisia Rice

Experiment number	**C16-03**
Location	RRS-Crowley, LA
Experimental design	RCB
Number of reps	4
Plot size	5'x17'
Row width/# per plot	7.5"/8
Soil type	Crowley silt loam (3% sand, 69% silt, 28% clay)
% OM	1.4
pH	6.4
CEC	19.1
Crop/Variety	Provisia
Planting date	5/10/16
Emergence date	5/22/16
Harvest date	NA

Application type	PRE	VEPOST	PREFLOOD
Date applied [mm/dd/yy]	5/10/16	5/30/16	6/15/16
Time [hh:mm-hh:mm]	2:13-2:22p	11:00-11:05a	12:35-12:55p
Air/Soil temperature [F]	85/72	87/89	74/84
Relative humidity [%]	60%	64%	94%
Wind [mph, direction]	7-10, S	1-2, WNW	6-8, E
Weather [sunny, etc]	sunny	pt. cloudy	cloudy
Soil/Leaf surface moist	dry/NA	dry/dry	wet/dry
Crop stage/Height	NA/NA	1-2lf/1-2"	4-5lf/6-8"
Sprayer type/MPH	BKPK/3.0	BKPK/3.0	BKPK/3.0
Nozzle type/Size*	FF/110015	FF/110015	FF/110015
Boom ht/# Noz/Spacing	15/5/15	15/5/15	15/5/15
GPA/PSI	15/21	15/21	15/21
Applied by	EFW	SYR	BMM

Weed Species (population)	---------- (height/#leaves) ----------	
SEBEX(5-20m^{-2})	0.50-3"/cot-3lf	4-15"/3-8lf
CYPIR(100-200m^{-2})	0.50-2"/3lf	5-12"/3-5lf
ECHCG(15-30m^{-2})	1-2"/1-3lf	2-4"/2-4lf
ECLAL(5-60m^{-2})	0.50-1"/cot-3lf	3-8"/3-6lf
ORYSA(3-5m^{-2})	1-3"/1-3lf	6-8"/4-5lf
CL111(3-5m^{-2})	1-3"/1-3lf	6-8"/4-5lf
CLXL745(3-5m^{-2})	1-3"/1-3lf	6-8"/4-5lf
CYPES(10-20m^{-2})	1-2"/3lf	6-13"/4-8lf

Flush Dates	5/12/16
Permanent Flood	6/16/16

Comments: Some trials were not harvested due to severe lodging from August storm.

*AMFF – Air mix flat fan nozzles

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Orthosulfamuron in Provisia Rice

Trial ID:C16-03 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-03 Investigator:Eric P. Webster

Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	CL111	CL111	CL111
Pest Code										CL111	CL111	CL111
Rating Date										Jun-24-2016	Jul-5-2016	Jul-18-2016
Rating Type										CONTROL	CONTROL	CONTROL
Rating Unit										%	%	%
Trt-Eval Interval										9 DA PREFL	20 DA PREFL	33 DA PREFL
1	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	0d	0b	0c
2	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	97a	98a	97ab
	Provisia	106	gA/L	EC	0.104	lb ai/a	15	oz/a	VEPOST			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	VEPOST			
	Provisia	106	gA/L	EC	0.104	lb ai/a	15	oz/a	PREFLOOD			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	PREFLOOD			
3	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	87bc	96a	97a
	Provisia	106	gA/L	EC	0.104	lb ai/a	15	oz/a	VEPOST			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	VEPOST			
	Provisia	106	gA/L	EC	0.104	lb ai/a	15	oz/a	PREFLOOD			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	PREFLOOD			
	Strada	50	%	WG	0.0656	lb ai/a	2.1	oz/a	PREFLOOD			
4	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	91abc	95a	97ab
	Provisia	106	gA/L	EC	0.104	lb ai/a	15	oz/a	VEPOST			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	VEPOST			
	Provisia	106	gA/L	EC	0.104	lb ai/a	15	oz/a	PREFLOOD			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	PREFLOOD			
	Strada Pro	54	%	WG	0.084	lb ai/a	2.5	oz/a	PREFLOOD			
5	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	87c	95a	97a
	Provisia	106	gA/L	EC	0.104	lb ai/a	15	oz/a	VEPOST			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	VEPOST			
	Provisia	106	gA/L	EC	0.104	lb ai/a	15	oz/a	PREFLOOD			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	PREFLOOD			
	Strada XT2	70	%	WG	0.438	lb ai/a	10	oz/a	PREFLOOD			
6	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	93abc	98a	95b
	Provisia	106	gA/L	EC	0.104	lb ai/a	15	oz/a	VEPOST			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	VEPOST			
	Provisia	106	gA/L	EC	0.104	lb ai/a	15	oz/a	PREFLOOD			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	PREFLOOD			
	Facet L	1.5	LBA/GAL	L	0.375	lb ai/a	32	oz/a	PREFLOOD			
7	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	96ab	97a	97a
	Provisia	106	gA/L	EC	0.104	lb ai/a	15	oz/a	VEPOST			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	VEPOST			
	Provisia	106	gA/L	EC	0.104	lb ai/a	15	oz/a	PREFLOOD			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	PREFLOOD			
	Permit	75	%	WG	0.75	oz ai/a	1	oz/a	PREFLOOD			
LSD P=.05										8.4	4.4	2.1
Standard Deviation										5.6	2.9	1.4
CV										7.19	3.54	1.68
Replicate F										1.177	2.697	0.611
Replicate Prob(F)										0.3463	0.0766	0.6165
Treatment F										152.427	620.402	2767.667
Treatment Prob(F)										0.0001	0.0001	0.0001

Means followed by same letter or symbol do not significantly differ (P=.05, LSD)
Could not calculate LSD (% mean diff) for columns 11,25,26,27 because error mean square = 0.

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Orthosulfamuron in Provisia Rice

Trial ID:C16-03 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-03 Investigator:Eric P. Webster

Pest Code								CLXL745	CLXL745	CLXL745
Rating Date								Jun-24-2016	Jul-5-2016	Jul-18-2016
Rating Type								CONTROL	CONTROL	CONTROL
Rating Unit								%	%	%
Trt-Eval Interval								9 DA PREFL	20 DA PREFL	33 DA PREFL
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
1	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	0c	0b	0b
2	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	96a	98a	97a
	Provisia	106	gA/L	EC	0.104	lb ai/a	15	oz/a	VEPOST			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	VEPOST			
	Provisia	106	gA/L	EC	0.104	lb ai/a	15	oz/a	PREFLOOD			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	PREFLOOD			
3	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	87b	96a	97a
	Provisia	106	gA/L	EC	0.104	lb ai/a	15	oz/a	VEPOST			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	VEPOST			
	Provisia	106	gA/L	EC	0.104	lb ai/a	15	oz/a	PREFLOOD			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	PREFLOOD			
	Strada	50	%	WG	0.0656	lb ai/a	2.1	oz/a	PREFLOOD			
4	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	90ab	95a	95a
	Provisia	106	gA/L	EC	0.104	lb ai/a	15	oz/a	VEPOST			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	VEPOST			
	Provisia	106	gA/L	EC	0.104	lb ai/a	15	oz/a	PREFLOOD			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	PREFLOOD			
	Strada Pro	54	%	WG	0.084	lb ai/a	2.5	oz/a	PREFLOOD			
5	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	87b	94a	97a
	Provisia	106	gA/L	EC	0.104	lb ai/a	15	oz/a	VEPOST			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	VEPOST			
	Provisia	106	gA/L	EC	0.104	lb ai/a	15	oz/a	PREFLOOD			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	PREFLOOD			
	Strada XT2	70	%	WG	0.438	lb ai/a	10	oz/a	PREFLOOD			
6	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	94ab	98a	95a
	Provisia	106	gA/L	EC	0.104	lb ai/a	15	oz/a	VEPOST			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	VEPOST			
	Provisia	106	gA/L	EC	0.104	lb ai/a	15	oz/a	PREFLOOD			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	PREFLOOD			
	Facet L	1.5	LBA/GAL	L	0.375	lb ai/a	32	oz/a	PREFLOOD			
7	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	93ab	97a	97a
	Provisia	106	gA/L	EC	0.104	lb ai/a	15	oz/a	VEPOST			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	VEPOST			
	Provisia	106	gA/L	EC	0.104	lb ai/a	15	oz/a	PREFLOOD			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	PREFLOOD			
	Permit	75	%	WG	0.75	oz ai/a	1	oz/a	PREFLOOD			
LSD P=.05										7.9	5.6	2.7
Standard Deviation										5.3	3.7	1.8
CV										6.77	4.54	2.22
Replicate F										2.075	2.158	1.149
Replicate Prob(F)										0.1394	0.1284	0.3564
Treatment F										171.323	378.395	1583.412
Treatment Prob(F)										0.0001	0.0001	0.0001

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Orthosulfamuron in Provisia Rice

Trial ID:C16-03 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-03 Investigator:Eric P. Webster

Pest Code								ORYSA	ORYSA	ORYSA
Rating Date								Jun-24-2016	Jul-5-2016	Jul-18-2016
Rating Type								CONTROL	CONTROL	CONTROL
Rating Unit								%	%	%
Trt-Eval Interval								9 DA PREFL	20 DA PREFL	33 DA PREFL
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
1	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	0c	0b	0c
2	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	97a	98a	97a
	Provisia	106	gA/L	EC	0.104	lb ai/a	15	oz/a	VEPOST			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	VEPOST			
	Provisia	106	gA/L	EC	0.104	lb ai/a	15	oz/a	PREFLOOD			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	PREFLOOD			
3	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	89b	96a	95ab
	Provisia	106	gA/L	EC	0.104	lb ai/a	15	oz/a	VEPOST			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	VEPOST			
	Provisia	106	gA/L	EC	0.104	lb ai/a	15	oz/a	PREFLOOD			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	PREFLOOD			
	Strada	50	%	WG	0.0656	lb ai/a	2.1	oz/a	PREFLOOD			
4	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	93ab	96a	97a
	Provisia	106	gA/L	EC	0.104	lb ai/a	15	oz/a	VEPOST			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	VEPOST			
	Provisia	106	gA/L	EC	0.104	lb ai/a	15	oz/a	PREFLOOD			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	PREFLOOD			
	Strada Pro	54	%	WG	0.084	lb ai/a	2.5	oz/a	PREFLOOD			
5	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	92ab	95a	95ab
	Provisia	106	gA/L	EC	0.104	lb ai/a	15	oz/a	VEPOST			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	VEPOST			
	Provisia	106	gA/L	EC	0.104	lb ai/a	15	oz/a	PREFLOOD			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	PREFLOOD			
	Strada XT2	70	%	WG	0.438	lb ai/a	10	oz/a	PREFLOOD			
6	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	95a	98a	94b
	Provisia	106	gA/L	EC	0.104	lb ai/a	15	oz/a	VEPOST			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	VEPOST			
	Provisia	106	gA/L	EC	0.104	lb ai/a	15	oz/a	PREFLOOD			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	PREFLOOD			
	Facet L	1.5	LBA/GAL	L	0.375	lb ai/a	32	oz/a	PREFLOOD			
7	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	94a	97a	98a
	Provisia	106	gA/L	EC	0.104	lb ai/a	15	oz/a	VEPOST			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	VEPOST			
	Provisia	106	gA/L	EC	0.104	lb ai/a	15	oz/a	PREFLOOD			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	PREFLOOD			
	Permit	75	%	WG	0.75	oz ai/a	1	oz/a	PREFLOOD			
LSD P=.05										5.5	4.6	3.5
Standard Deviation										3.7	3.1	2.3
CV										4.63	3.76	2.83
Replicate F										2.205	1.885	1.236
Replicate Prob(F)										0.1227	0.1684	0.3259
Treatment F										365.417	550.929	974.969
Treatment Prob(F)										0.0001	0.0001	0.0001

LSU AgCenter SPESS

Orthosulfamuron in Provisia Rice

Trial ID:C16-03 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-03 Investigator:Eric P. Webster

Pest Code								ECHCG	ECHCG	ECHCG
Rating Date								Jun-24-2016	Jul-5-2016	Jul-18-2016
Rating Type								CONTROL	CONTROL	CONTROL
Rating Unit								%	%	%
Trt-Eval Interval								9 DA PREFL	20 DA PREFL	33 DA PREFL
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
1	Command	3LBA/GAL		ME	0.3	lb ai/a	12.8	oz/a	PRE	0c	0b	0c
2	Command	3LBA/GAL		ME	0.3	lb ai/a	12.8	oz/a	PRE	96a	98a	97ab
	Provisia	106	gA/L	EC	0.104	lb ai/a	15	oz/a	VEPOST			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	VEPOST			
	Provisia	106	gA/L	EC	0.104	lb ai/a	15	oz/a	PREFLOOD			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	PREFLOOD			
3	Command	3LBA/GAL		ME	0.3	lb ai/a	12.8	oz/a	PRE	91b	98a	98a
	Provisia	106	gA/L	EC	0.104	lb ai/a	15	oz/a	VEPOST			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	VEPOST			
	Provisia	106	gA/L	EC	0.104	lb ai/a	15	oz/a	PREFLOOD			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	PREFLOOD			
	Strada	50	%	WG	0.0656	lb ai/a	2.1	oz/a	PREFLOOD			
4	Command	3LBA/GAL		ME	0.3	lb ai/a	12.8	oz/a	PRE	91b	98a	98a
	Provisia	106	gA/L	EC	0.104	lb ai/a	15	oz/a	VEPOST			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	VEPOST			
	Provisia	106	gA/L	EC	0.104	lb ai/a	15	oz/a	PREFLOOD			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	PREFLOOD			
	Strada Pro	54	%	WG	0.084	lb ai/a	2.5	oz/a	PREFLOOD			
5	Command	3LBA/GAL		ME	0.3	lb ai/a	12.8	oz/a	PRE	92ab	98a	98a
	Provisia	106	gA/L	EC	0.104	lb ai/a	15	oz/a	VEPOST			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	VEPOST			
	Provisia	106	gA/L	EC	0.104	lb ai/a	15	oz/a	PREFLOOD			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	PREFLOOD			
	Strada XT2	70	%	WG	0.438	lb ai/a	10	oz/a	PREFLOOD			
6	Command	3LBA/GAL		ME	0.3	lb ai/a	12.8	oz/a	PRE	95ab	98a	97b
	Provisia	106	gA/L	EC	0.104	lb ai/a	15	oz/a	VEPOST			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	VEPOST			
	Provisia	106	gA/L	EC	0.104	lb ai/a	15	oz/a	PREFLOOD			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	PREFLOOD			
	Facet L	1.5	LBA/GAL	L	0.375	lb ai/a	32	oz/a	PREFLOOD			
7	Command	3LBA/GAL		ME	0.3	lb ai/a	12.8	oz/a	PRE	95ab	98a	98a
	Provisia	106	gA/L	EC	0.104	lb ai/a	15	oz/a	VEPOST			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	VEPOST			
	Provisia	106	gA/L	EC	0.104	lb ai/a	15	oz/a	PREFLOOD			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	PREFLOOD			
	Permit	75	%	WG	0.75	oz ai/a	1	oz/a	PREFLOOD			
LSD P=.05										5.3	.	1.2
Standard Deviation										3.6	0.0	0.8
CV										4.49	0.0	0.98
Replicate F										0.256	0.000	1.737
Replicate Prob(F)										0.8561	1.0000	0.1953
Treatment F										387.056	0.000	8027.738
Treatment Prob(F)										0.0001	1.0000	0.0001

LSU AgCenter SPESS

Orthosulfamuron in Provisia Rice

Trial ID:C16-03 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-03 Investigator:Eric P. Webster

Pest Code								SEBEX	SEBEX	SEBEX
Rating Date								Jun-24-2016	Jul-5-2016	Jul-18-2016
Rating Type								CONTROL	CONTROL	CONTROL
Rating Unit								%	%	%
Trt-Eval Interval								9 DA PREFL	20 DA PREFL	33 DA PREFL
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
1	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	0c	0b	0b
2	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	0c	0b	0b
	Provisia	106	gA/L	EC	0.104	lb ai/a	15	oz/a	VEPOST			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	VEPOST			
	Provisia	106	gA/L	EC	0.104	lb ai/a	15	oz/a	PREFLOOD			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	PREFLOOD			
3	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	96ab	98a	97a
	Provisia	106	gA/L	EC	0.104	lb ai/a	15	oz/a	VEPOST			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	VEPOST			
	Provisia	106	gA/L	EC	0.104	lb ai/a	15	oz/a	PREFLOOD			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	PREFLOOD			
	Strada	50	%	WG	0.0656	lb ai/a	2.1	oz/a	PREFLOOD			
4	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	97ab	98a	98a
	Provisia	106	gA/L	EC	0.104	lb ai/a	15	oz/a	VEPOST			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	VEPOST			
	Provisia	106	gA/L	EC	0.104	lb ai/a	15	oz/a	PREFLOOD			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	PREFLOOD			
	Strada Pro	54	%	WG	0.084	lb ai/a	2.5	oz/a	PREFLOOD			
5	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	98a	98a	98a
	Provisia	106	gA/L	EC	0.104	lb ai/a	15	oz/a	VEPOST			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	VEPOST			
	Provisia	106	gA/L	EC	0.104	lb ai/a	15	oz/a	PREFLOOD			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	PREFLOOD			
	Strada XT2	70	%	WG	0.438	lb ai/a	10	oz/a	PREFLOOD			
6	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	0c	98a	98a
	Provisia	106	gA/L	EC	0.104	lb ai/a	15	oz/a	VEPOST			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	VEPOST			
	Provisia	106	gA/L	EC	0.104	lb ai/a	15	oz/a	PREFLOOD			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	PREFLOOD			
	Facet L	1.5	LBA/GAL	L	0.375	lb ai/a	32	oz/a	PREFLOOD			
7	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	96b	97a	98a
	Provisia	106	gA/L	EC	0.104	lb ai/a	15	oz/a	VEPOST			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	VEPOST			
	Provisia	106	gA/L	EC	0.104	lb ai/a	15	oz/a	PREFLOOD			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	PREFLOOD			
	Permit	75	%	WG	0.75	oz ai/a	1	oz/a	PREFLOOD			
LSD P=.05										1.9	0.8	0.8
Standard Deviation										1.3	0.6	0.6
CV										2.35	0.81	0.81
Replicate F										2.754	1.000	1.000
Replicate Prob(F)										0.0726	0.4155	0.4155
Treatment F										6314.874	28370.188	28370.188
Treatment Prob(F)										0.0001	0.0001	0.0001

LSU AgCenter SPESS

Orthosulfamuron in Provisia Rice

Trial ID:C16-03 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-03 Investigator:Eric P. Webster

Pest Code								CYPIR	CYPIR	CYPIR
Rating Date								Jun-24-2016	Jul-5-2016	Jul-18-2016
Rating Type								CONTROL	CONTROL	CONTROL
Rating Unit								%	%	%
Trt-Eval Interval								9 DA PREFL	20 DA PREFL	33 DA PREFL
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
1	Command	3LB	A/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	0d	0b	0c
2	Command	3LB	A/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	0d	0b	0c
	Provisia	106	gA/L	EC	0.104	lb ai/a	15	oz/a	VEPOST			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	VEPOST			
	Provisia	106	gA/L	EC	0.104	lb ai/a	15	oz/a	PREFLOOD			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	PREFLOOD			
3	Command	3LB	A/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	66c	97a	97a
	Provisia	106	gA/L	EC	0.104	lb ai/a	15	oz/a	VEPOST			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	VEPOST			
	Provisia	106	gA/L	EC	0.104	lb ai/a	15	oz/a	PREFLOOD			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	PREFLOOD			
	Strada	50	%	WG	0.0656	lb ai/a	2.1	oz/a	PREFLOOD			
4	Command	3LB	A/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	73b	98a	98a
	Provisia	106	gA/L	EC	0.104	lb ai/a	15	oz/a	VEPOST			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	VEPOST			
	Provisia	106	gA/L	EC	0.104	lb ai/a	15	oz/a	PREFLOOD			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	PREFLOOD			
	Strada Pro	54	%	WG	0.084	lb ai/a	2.5	oz/a	PREFLOOD			
5	Command	3LB	A/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	64c	98a	94b
	Provisia	106	gA/L	EC	0.104	lb ai/a	15	oz/a	VEPOST			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	VEPOST			
	Provisia	106	gA/L	EC	0.104	lb ai/a	15	oz/a	PREFLOOD			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	PREFLOOD			
	Strada XT2	70	%	WG	0.438	lb ai/a	10	oz/a	PREFLOOD			
6	Command	3LB	A/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	0d	0b	0c
	Provisia	106	gA/L	EC	0.104	lb ai/a	15	oz/a	VEPOST			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	VEPOST			
	Provisia	106	gA/L	EC	0.104	lb ai/a	15	oz/a	PREFLOOD			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	PREFLOOD			
	Facet L	1.5	LBA/GAL	L	0.375	lb ai/a	32	oz/a	PREFLOOD			
7	Command	3LB	A/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	82a	98a	98a
	Provisia	106	gA/L	EC	0.104	lb ai/a	15	oz/a	VEPOST			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	VEPOST			
	Provisia	106	gA/L	EC	0.104	lb ai/a	15	oz/a	PREFLOOD			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	PREFLOOD			
	Permit	75	%	WG	0.75	oz ai/a	1	oz/a	PREFLOOD			
LSD P=.05										4.9	0.8	2.6
Standard Deviation										3.3	0.6	1.8
CV										8.06	1.01	3.22
Replicate F										0.677	1.000	1.419
Replicate Prob(F)										0.5774	0.4155	0.2698
Treatment F										551.597	34017.892	3372.236
Treatment Prob(F)										0.0001	0.0001	0.0001

LSU AgCenter SPESS

Orthosulfamuron in Provisia Rice

Trial ID:C16-03 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-03 Investigator:Eric P. Webster

Pest Code								CYPES	CYPES	CYPES
Rating Date								Jun-24-2016	Jul-5-2016	Jul-18-2016
Rating Type								CONTROL	CONTROL	CONTROL
Rating Unit								%	%	%
Trt-Eval Interval								9 DA PREFL	20 DA PREFL	33 DA PREFL
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
1	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	0c	0d	0c
2	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	0c	0d	0c
	Provisia	106	gA/L	EC	0.104	lb ai/a	15	oz/a	VEPOST			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	VEPOST			
	Provisia	106	gA/L	EC	0.104	lb ai/a	15	oz/a	PREFLOOD			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	PREFLOOD			
3	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	74b	80c	94a
	Provisia	106	gA/L	EC	0.104	lb ai/a	15	oz/a	VEPOST			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	VEPOST			
	Provisia	106	gA/L	EC	0.104	lb ai/a	15	oz/a	PREFLOOD			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	PREFLOOD			
	Strada	50	%	WG	0.0656	lb ai/a	2.1	oz/a	PREFLOOD			
4	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	76ab	98a	98a
	Provisia	106	gA/L	EC	0.104	lb ai/a	15	oz/a	VEPOST			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	VEPOST			
	Provisia	106	gA/L	EC	0.104	lb ai/a	15	oz/a	PREFLOOD			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	PREFLOOD			
	Strada Pro	54	%	WG	0.084	lb ai/a	2.5	oz/a	PREFLOOD			
5	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	73b	88b	73b
	Provisia	106	gA/L	EC	0.104	lb ai/a	15	oz/a	VEPOST			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	VEPOST			
	Provisia	106	gA/L	EC	0.104	lb ai/a	15	oz/a	PREFLOOD			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	PREFLOOD			
	Strada XT2	70	%	WG	0.438	lb ai/a	10	oz/a	PREFLOOD			
6	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	0c	0d	0c
	Provisia	106	gA/L	EC	0.104	lb ai/a	15	oz/a	VEPOST			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	VEPOST			
	Provisia	106	gA/L	EC	0.104	lb ai/a	15	oz/a	PREFLOOD			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	PREFLOOD			
	Facet L	1.5	LBA/GAL	L	0.375	lb ai/a	32	oz/a	PREFLOOD			
7	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	84a	98a	98a
	Provisia	106	gA/L	EC	0.104	lb ai/a	15	oz/a	VEPOST			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	VEPOST			
	Provisia	106	gA/L	EC	0.104	lb ai/a	15	oz/a	PREFLOOD			
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	PREFLOOD			
	Permit	75	%	WG	0.75	oz ai/a	1	oz/a	PREFLOOD			
LSD P=.05										7.6	2.8	6.1
Standard Deviation										5.1	1.9	4.1
CV										11.7	3.64	7.91
Replicate F										2.034	1.000	0.735
Replicate Prob(F)										0.1451	0.4155	0.5446
Treatment F										257.727	2685.800	577.269
Treatment Prob(F)										0.0001	0.0001	0.0001

LSU AgCenter SPESS

Orthosulfamuron in Provisia Rice

Trial ID:C16-03 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-03 Investigator:Eric P. Webster

Pest Code								ECLAL	ECLAL	ECLAL
Rating Date								Jun-24-2016	Jul-5-2016	Jul-18-2016
Rating Type								CONTROL	CONTROL	CONTROL
Rating Unit								%	%	%
Trt-Eval Interval								9 DA PREFL	20 DA PREFL	33 DA PREFL
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
1	Command	3LBA/GAL		ME	0.3	lb ai/a	12.8	oz/a	PRE	0d	0e	0e
2	Command	3LBA/GAL		ME	0.3	lb ai/a	12.8	oz/a	PRE	0d	0e	0e
	Provisia	106gA/L		EC	0.104	lb ai/a	15	oz/a	VEPOST			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	VEPOST			
	Provisia	106gA/L		EC	0.104	lb ai/a	15	oz/a	PREFLOOD			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PREFLOOD			
3	Command	3LBA/GAL		ME	0.3	lb ai/a	12.8	oz/a	PRE	83b	38d	50d
	Provisia	106gA/L		EC	0.104	lb ai/a	15	oz/a	VEPOST			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	VEPOST			
	Provisia	106gA/L		EC	0.104	lb ai/a	15	oz/a	PREFLOOD			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PREFLOOD			
	Strada	50%		WG	0.0656	lb ai/a	2.1	oz/a	PREFLOOD			
4	Command	3LBA/GAL		ME	0.3	lb ai/a	12.8	oz/a	PRE	74c	90b	88ab
	Provisia	106gA/L		EC	0.104	lb ai/a	15	oz/a	VEPOST			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	VEPOST			
	Provisia	106gA/L		EC	0.104	lb ai/a	15	oz/a	PREFLOOD			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PREFLOOD			
	Strada Pro	54%		WG	0.084	lb ai/a	2.5	oz/a	PREFLOOD			
5	Command	3LBA/GAL		ME	0.3	lb ai/a	12.8	oz/a	PRE	93a	96ab	84b
	Provisia	106gA/L		EC	0.104	lb ai/a	15	oz/a	VEPOST			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	VEPOST			
	Provisia	106gA/L		EC	0.104	lb ai/a	15	oz/a	PREFLOOD			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PREFLOOD			
	Strada XT2	70%		WG	0.438	lb ai/a	10	oz/a	PREFLOOD			
6	Command	3LBA/GAL		ME	0.3	lb ai/a	12.8	oz/a	PRE	0d	48c	61c
	Provisia	106gA/L		EC	0.104	lb ai/a	15	oz/a	VEPOST			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	VEPOST			
	Provisia	106gA/L		EC	0.104	lb ai/a	15	oz/a	PREFLOOD			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PREFLOOD			
	Facet L	1.5LBA/GAL		L	0.375	lb ai/a	32	oz/a	PREFLOOD			
7	Command	3LBA/GAL		ME	0.3	lb ai/a	12.8	oz/a	PRE	89ab	98a	98a
	Provisia	106gA/L		EC	0.104	lb ai/a	15	oz/a	VEPOST			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	VEPOST			
	Provisia	106gA/L		EC	0.104	lb ai/a	15	oz/a	PREFLOOD			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PREFLOOD			
	Permit	75%		WG	0.75	oz ai/a	1	oz/a	PREFLOOD			
LSD P=.05										9.2	6.6	10.1
Standard Deviation										6.2	4.5	6.8
CV										12.82	8.47	12.47
Replicate F										3.168	2.571	1.689
Replicate Prob(F)										0.0496	0.0862	0.2049
Treatment F										216.477	372.158	142.960
Treatment Prob(F)										0.0001	0.0001	0.0001

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Orthosulfamuron in Provisia Rice

Trial ID:C16-03 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-03 Investigator:Eric P. Webster

Pest Code								RICE	RICE	RICE
Rating Date								Jun-24-2016	Jul-5-2016	Jul-18-2016
Rating Type								INJURY	INJURY	INJURY
Rating Unit								%	%	%
Trt-Eval Interval								9 DA PREFL	20 DA PREFL	33 DA PREFL
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
1	Command	3LBA/GAL		ME	0.3	lb ai/a	12.8	oz/a	PRE	0a	0a	0a
2	Command	3LBA/GAL		ME	0.3	lb ai/a	12.8	oz/a	PRE	0a	0a	0a
	Provisia	106gA/L		EC	0.104	lb ai/a	15	oz/a	VEPOST			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	VEPOST			
	Provisia	106gA/L		EC	0.104	lb ai/a	15	oz/a	PREFLOOD			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PREFLOOD			
3	Command	3LBA/GAL		ME	0.3	lb ai/a	12.8	oz/a	PRE	0a	0a	0a
	Provisia	106gA/L		EC	0.104	lb ai/a	15	oz/a	VEPOST			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	VEPOST			
	Provisia	106gA/L		EC	0.104	lb ai/a	15	oz/a	PREFLOOD			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PREFLOOD			
	Strada	50%		WG	0.0656	lb ai/a	2.1	oz/a	PREFLOOD			
4	Command	3LBA/GAL		ME	0.3	lb ai/a	12.8	oz/a	PRE	0a	0a	0a
	Provisia	106gA/L		EC	0.104	lb ai/a	15	oz/a	VEPOST			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	VEPOST			
	Provisia	106gA/L		EC	0.104	lb ai/a	15	oz/a	PREFLOOD			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PREFLOOD			
	Strada Pro	54%		WG	0.084	lb ai/a	2.5	oz/a	PREFLOOD			
5	Command	3LBA/GAL		ME	0.3	lb ai/a	12.8	oz/a	PRE	0a	0a	0a
	Provisia	106gA/L		EC	0.104	lb ai/a	15	oz/a	VEPOST			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	VEPOST			
	Provisia	106gA/L		EC	0.104	lb ai/a	15	oz/a	PREFLOOD			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PREFLOOD			
	Strada XT2	70%		WG	0.438	lb ai/a	10	oz/a	PREFLOOD			
6	Command	3LBA/GAL		ME	0.3	lb ai/a	12.8	oz/a	PRE	0a	0a	0a
	Provisia	106gA/L		EC	0.104	lb ai/a	15	oz/a	VEPOST			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	VEPOST			
	Provisia	106gA/L		EC	0.104	lb ai/a	15	oz/a	PREFLOOD			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PREFLOOD			
	Facet L	1.5LBA/GAL		L	0.375	lb ai/a	32	oz/a	PREFLOOD			
7	Command	3LBA/GAL		ME	0.3	lb ai/a	12.8	oz/a	PRE	0a	0a	0a
	Provisia	106gA/L		EC	0.104	lb ai/a	15	oz/a	VEPOST			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	VEPOST			
	Provisia	106gA/L		EC	0.104	lb ai/a	15	oz/a	PREFLOOD			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PREFLOOD			
	Permit	75%		WG	0.75	oz ai/a	1	oz/a	PREFLOOD			
LSD P=.05										.	.	.
Standard Deviation										0.0	0.0	0.0
CV										0.0	0.0	0.0
Replicate F										0.000	0.000	0.000
Replicate Prob(F)										1.0000	1.0000	1.0000
Treatment F										0.000	0.000	0.000
Treatment Prob(F)										1.0000	1.0000	1.0000

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Orthosulfamuron in Provisia Rice

Trial ID:C16-03 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-03 Investigator:Eric P. Webster

Pest Code								RICE	RICE	RICE
Rating Date								Sep-15-2016	Sep-15-2016	Sep-15-2016
Rating Type								HEIGHT	HEIGHT	HEIGHT
Rating Unit								cm	cm	cm
Trt-Eval Interval								At Harvest	At Harvest	At Harvest
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
1	Command	3LBA/GAL		ME	0.3	lb ai/a	12.8	oz/a	PRE	97c	97b	96b
2	Command	3LBA/GAL		ME	0.3	lb ai/a	12.8	oz/a	PRE	105ab	104a	104ab
	Provisia	106gA/L		EC	0.104	lb ai/a	15	oz/a	VEPOST			
	Agri-Dex	100%		L	1	% v/v	1	% v/v	VEPOST			
	Provisia	106gA/L		EC	0.104	lb ai/a	15	oz/a	PREFLOOD			
	Agri-Dex	100%		L	1	% v/v	1	% v/v	PREFLOOD			
3	Command	3LBA/GAL		ME	0.3	lb ai/a	12.8	oz/a	PRE	105ab	106a	111a
	Provisia	106gA/L		EC	0.104	lb ai/a	15	oz/a	VEPOST			
	Agri-Dex	100%		L	1	% v/v	1	% v/v	VEPOST			
	Provisia	106gA/L		EC	0.104	lb ai/a	15	oz/a	PREFLOOD			
	Agri-Dex	100%		L	1	% v/v	1	% v/v	PREFLOOD			
	Strada	50%		WG	0.0656	lb ai/a	2.1	oz/a	PREFLOOD			
4	Command	3LBA/GAL		ME	0.3	lb ai/a	12.8	oz/a	PRE	111a	109a	108a
	Provisia	106gA/L		EC	0.104	lb ai/a	15	oz/a	VEPOST			
	Agri-Dex	100%		L	1	% v/v	1	% v/v	VEPOST			
	Provisia	106gA/L		EC	0.104	lb ai/a	15	oz/a	PREFLOOD			
	Agri-Dex	100%		L	1	% v/v	1	% v/v	PREFLOOD			
	Strada Pro	54%		WG	0.084	lb ai/a	2.5	oz/a	PREFLOOD			
5	Command	3LBA/GAL		ME	0.3	lb ai/a	12.8	oz/a	PRE	111a	108a	105a
	Provisia	106gA/L		EC	0.104	lb ai/a	15	oz/a	VEPOST			
	Agri-Dex	100%		L	1	% v/v	1	% v/v	VEPOST			
	Provisia	106gA/L		EC	0.104	lb ai/a	15	oz/a	PREFLOOD			
	Agri-Dex	100%		L	1	% v/v	1	% v/v	PREFLOOD			
	Strada XT2	70%		WG	0.438	lb ai/a	10	oz/a	PREFLOOD			
6	Command	3LBA/GAL		ME	0.3	lb ai/a	12.8	oz/a	PRE	107ab	102ab	106a
	Provisia	106gA/L		EC	0.104	lb ai/a	15	oz/a	VEPOST			
	Agri-Dex	100%		L	1	% v/v	1	% v/v	VEPOST			
	Provisia	106gA/L		EC	0.104	lb ai/a	15	oz/a	PREFLOOD			
	Agri-Dex	100%		L	1	% v/v	1	% v/v	PREFLOOD			
	Facet L	1.5LBA/GAL		L	0.375	lb ai/a	32	oz/a	PREFLOOD			
7	Command	3LBA/GAL		ME	0.3	lb ai/a	12.8	oz/a	PRE	104b	108a	105a
	Provisia	106gA/L		EC	0.104	lb ai/a	15	oz/a	VEPOST			
	Agri-Dex	100%		L	1	% v/v	1	% v/v	VEPOST			
	Provisia	106gA/L		EC	0.104	lb ai/a	15	oz/a	PREFLOOD			
	Agri-Dex	100%		L	1	% v/v	1	% v/v	PREFLOOD			
	Permit	75%		WG	0.75	oz ai/a	1	oz/a	PREFLOOD			
LSD P=.05										6.3	6.6	8.7
Standard Deviation										4.2	4.5	5.9
CV										3.99	4.27	5.59
Replicate F										3.483	0.716	1.057
Replicate Prob(F)										0.0375	0.5550	0.3917
Treatment F										4.943	3.543	2.480
Treatment Prob(F)										0.0038	0.0171	0.0631

LSU AgCenter SPESS

Orthosulfamuron in Provisia Rice

Trial ID:C16-03 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-03 Investigator:Eric P. Webster

Pest Code								RICE	RICE
Rating Date								Sep-15-2016	Sep-15-2016
Rating Type								HEIGHT	AVG HEIGHT
Rating Unit								cm	cm
Trt-Eval Interval								At Harvest	At Harvest
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage		
1	Command	3LBA/GAL		ME	0.3	lb ai/a	12.8	oz/a	PRE	96b	96b
2	Command	3LBA/GAL		ME	0.3	lb ai/a	12.8	oz/a	PRE	104a	104a
	Provisia	106gA/L		EC	0.104	lb ai/a	15	oz/a	VEPOST		
	Agri-Dex	100%		L	1%	v/v	1%	v/v	VEPOST		
	Provisia	106gA/L		EC	0.104	lb ai/a	15	oz/a	PREFLOOD		
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PREFLOOD		
3	Command	3LBA/GAL		ME	0.3	lb ai/a	12.8	oz/a	PRE	107a	107a
	Provisia	106gA/L		EC	0.104	lb ai/a	15	oz/a	VEPOST		
	Agri-Dex	100%		L	1%	v/v	1%	v/v	VEPOST		
	Provisia	106gA/L		EC	0.104	lb ai/a	15	oz/a	PREFLOOD		
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PREFLOOD		
	Strada	50%		WG	0.0656	lb ai/a	2.1	oz/a	PREFLOOD		
4	Command	3LBA/GAL		ME	0.3	lb ai/a	12.8	oz/a	PRE	109a	109a
	Provisia	106gA/L		EC	0.104	lb ai/a	15	oz/a	VEPOST		
	Agri-Dex	100%		L	1%	v/v	1%	v/v	VEPOST		
	Provisia	106gA/L		EC	0.104	lb ai/a	15	oz/a	PREFLOOD		
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PREFLOOD		
	Strada Pro	54%		WG	0.084	lb ai/a	2.5	oz/a	PREFLOOD		
5	Command	3LBA/GAL		ME	0.3	lb ai/a	12.8	oz/a	PRE	108a	108a
	Provisia	106gA/L		EC	0.104	lb ai/a	15	oz/a	VEPOST		
	Agri-Dex	100%		L	1%	v/v	1%	v/v	VEPOST		
	Provisia	106gA/L		EC	0.104	lb ai/a	15	oz/a	PREFLOOD		
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PREFLOOD		
	Strada XT2	70%		WG	0.438	lb ai/a	10	oz/a	PREFLOOD		
6	Command	3LBA/GAL		ME	0.3	lb ai/a	12.8	oz/a	PRE	106a	105a
	Provisia	106gA/L		EC	0.104	lb ai/a	15	oz/a	VEPOST		
	Agri-Dex	100%		L	1%	v/v	1%	v/v	VEPOST		
	Provisia	106gA/L		EC	0.104	lb ai/a	15	oz/a	PREFLOOD		
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PREFLOOD		
	Facet L	1.5LBA/GAL		L	0.375	lb ai/a	32	oz/a	PREFLOOD		
7	Command	3LBA/GAL		ME	0.3	lb ai/a	12.8	oz/a	PRE	105a	105a
	Provisia	106gA/L		EC	0.104	lb ai/a	15	oz/a	VEPOST		
	Agri-Dex	100%		L	1%	v/v	1%	v/v	VEPOST		
	Provisia	106gA/L		EC	0.104	lb ai/a	15	oz/a	PREFLOOD		
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PREFLOOD		
	Permit	75%		WG	0.75	oz ai/a	1	oz/a	PREFLOOD		
LSD P=.05										7.2	5.9
Standard Deviation										4.8	3.9
CV										4.63	3.76
Replicate F										0.895	1.417
Replicate Prob(F)										0.4630	0.2704
Treatment F										3.230	4.531
Treatment Prob(F)										0.0247	0.0057

LSU AgCenter
School of Plant, Environmental and Soil Sciences

Provisia Application at Various Timings

Experiment number	**C16-04**
Location.....	RRS-Crowley, LA
Experimental design	RCB
Number of reps.....	4
Plot size.....	5'x17'
Row width/# per plot	7.5"/8
Soil type	Crowley silt loam (3% sand, 69% silt, 28% clay)
% OM	1.4
pH	6.4
CEC.....	19.1
Crop/Variety	Provisia
Planting date	5/10/16
Emergence date	5/22/16
Harvest date	NA

Application type	PRE	EPOST	2 WAE**
Date applied [mm/dd/yy]	5/10/16	6/1/16	6/8/16
Time [hh:mm-hh:mm]	2:23-2:32p	10:15-10:30a	12:15-12:30p
Air/Soil temperature [F].....	85/72	79/89	82/82
Relative humidity [%]	60%	80%	94%
Wind [mph, direction].....	7-10, S	2-3, ESE	6-8, ESE
Weather [sunny, etc].....	sunny	cloudy	cloudy
Soil/Leaf surface moist	dry/NA	dry/dry	wet/dry
Crop stage/Height.....	NA/NA	2-3lf/2-4"	4-5lf/6-8"
Sprayer type/MPH	BKPK/3.0	BKPK/3.0	BKPK/3.0
Nozzle type/Size*	FF/110015	FF/110015	FF/110015
Boom ht/# Noz/Spacing	15/5/15	15/5/15	15/5/15
GPA/PSI.....	15/22	15/21	15/21
Applied by.....	EFW	EPW	BMM

Weed Species (population)..:	---------- (height/#leaves) ----------	
ECHCG(10-100m^{-2})	1-2"/1-3lf	6-10"/4lf-1til
CL111(20-30m^{-2})	2-4"/2-3lf	6-8"/4-5lf
CLXL745(20-30m^{-2})	2-4"/2-3lf	6-8"/4-5lf
ORYSA(20-30m^{-2})	2-4"2-3lf	6-8"/4-5lf

Flush Dates	5/12/16
Permanent Flood	6/16/16

*AMFF – Air mix flat fan nozzles

**WAE (Weeks After Emergence)

LSU AgCenter
School of Plant, Environmental and Soil Sciences

Provisia Application at Various Timings

Experiment number	**C16-04**
Location.....	RRS-Crowley, LA
Experimental design	RCB
Number of reps.....	4
Plot size.....	5'x17'
Row width/# per plot	7.5"/8
Soil type	Crowley silt loam (3% sand, 69% silt, 28% clay)
% OM	1.4
pH	6.4
CEC.....	19.1
Crop/Variety	Provisia
Planting date	5/10/16
Emergence date	5/22/16
Harvest date	NA

Application type	OVERSPRAY	4 WAE	6 WAE
Date applied [mm/dd/yy]	6/9/16	6/20/16	7/5/16
Time [hh:mm-hh:mm]	12:00-1:00p	10:23-10:28a	11:50-12:00p
Air/Soil temperature [F].....	88/86	85/86	90/87
Relative humidity [%]	52%	75%	63%
Wind [mph, direction].....	2-5, NE	2-5, NE	6-8, SSE
Weather [sunny, etc].....	pt.cloudy	sunny	pt. cloudy
Soil/Leaf surface moist	dry/dry	flood/dry	flood/dry
Crop stage/Height.....	3-4lf	1-2till/10-12"	2-3til/18-22"
Sprayer type/MPH	BKPK/3.0	BKPK/3.0	BKPK/3.0
Nozzle type/Size*	FF/110015	FF/110015	FF/110015
Boom ht/# Noz/Spacing	15/5/15	15/5/15	15/5/15
GPA/PSI.....	15/21	15/21	15/22
Applied by.....	BMM	SYR	EAB

Weed Species (population)..:	(height/#leaves)	
ORYZA(3-5m^{-2})	10-12"/1-2til	18-22"/3-4til-head
ECHCG(10-100m^{-2})	6-10"/head	15-30"/3-4til-head
LEFPA(2-51-3m^{-2})	6-10"/head	15-30"/3-4til-head
CL111(20-30m^{-2})	10-12"/1-2til	18-22"/3-4til-head
CLXL745(20-30m^{-2})	10-12"/1-2til	18-22"/3-4til-head
ORYZA(20-30m^{-2}).....	10-12"/1-2til	18-22"/3-4til-head

Flush Dates	5/12/16
Permanent Flood	6/16/16

*AMFF – Air mix flat fan nozzles

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Provisia Application at Various Timings

Experiment number	**C16-04**
Location.....	RRS-Crowley, LA
Experimental design	RCB
Number of reps.....	4
Plot size.....	5'x17'
Row width/# per plot	7.5"/8
Soil type	Crowley silt loam (3% sand, 69% silt, 28% clay)
% OM	1.4
pH	6.4
CEC.....	19.1
Crop/Variety	Provsia
Planting date	5/10/16
Emergence date	5/22/16
Harvest date	NA

Application type	8 WAE	10 WAE
Date applied [mm/dd/yy]	7/18/16	8/1/16
Time [hh:mm-hh:mm]	9:40-9:45a	10:20-10:30a
Air/Soil temperature [F].....	87/88	78/80
Relative humidity [%]	75%	93%
Wind [mph, direction].....	2-4, WSW	2-3, W
Weather [sunny, etc].....	sunny	sunny
Soil/Leaf surface moist	flood/dry	flood/dry
Crop stage/Height.....	PI/24-36"	early boot/26"
Sprayer type/MPH	BKPK/3.0	BKPK/3.0
Nozzle type/Size*	FF/110015	FF/110015
Boom ht/# Noz/Spacing	15/5/15	15/5/15
GPA/PSI.....	15/21	15/21
Applied by.....	SYR	SYR

Weed Species (population)..:	---------- (height/#leaves) ----------	
ECHCG(10-100m^{-2})	15-24"/3-4til-head	24-48"/4-5til-head
LEFPA(2-51-3m^{-2})	20-30"/3-4til-head	24-48"/4-5til-head
CL111(20-30m^{-2})	24-36"/4-5til-head	36-48"/4-5til-head
CLXL745(20-30m^{-2})	24-36"/4-5til-head	36-48"/4-5til-head
ORYZA(20-30m^{-2}).....	24-36"/4-5til-head	36-48"/4-5til-head

Flush Dates	5/12/16
Permanent Flood	6/16/16

*AMFF – Air mix flat fan nozzles

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Provisia Application at Various Timings

Trial ID:C16-04 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-04 Investigator:Eric P. Webster

Pest Code									ECHCG	ECHCG	ECHCG	CL111
Rating Date									Jun-22-2016	Jul-5-2016	Jul-18-2016	Jun-22-2016
Rating Type									CONTROL	CONTROL	CONTROL	CONTROL
Rating Unit									%	%	%	%
Trt-Eval Interval									21 DA EPOST	34 DA EPOST	47 DA EPOST	21 DA EPOST
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage				
1	Command	3LB	A/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	0c	0c	0c	0d
2	Command	3LB	A/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	93a	98a	98a	91ab
	Provisia	106	gA/L	EC	0.124	lb ai/a	18	oz/a	EPOST				
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	EPOST				
	Provisia	106	gA/L	EC	0.09	lb ai/a	13	oz/a	2 WAE				
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	2 WAE				
3	Command	3LB	A/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	95a	97a	96a	91ab
	Provisia	106	gA/L	EC	0.124	lb ai/a	18	oz/a	EPOST				
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	EPOST				
4	Command	3LB	A/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	83b	98a	98a	81c
	Provisia	106	gA/L	EC	0.124	lb ai/a	18	oz/a	2 WAE				
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	2 WAE				
	Provisia	106	gA/L	EC	0.09	lb ai/a	13	oz/a	4 WAE				
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	4 WAE				
5	Command	3LB	A/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	83b	98a	98a	84bc
	Provisia	106	gA/L	EC	0.124	lb ai/a	18	oz/a	2 WAE				
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	2 WAE				
6	Command	3LB	A/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE		95b	98a	
	Provisia	106	gA/L	EC	0.124	lb ai/a	18	oz/a	4 WAE				
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	4 WAE				
	Provisia	106	gA/L	EC	0.09	lb ai/a	13	oz/a	6 WAE				
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	6 WAE				
7	Command	3LB	A/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE		97a	98a	
	Provisia	106	gA/L	EC	0.124	lb ai/a	18	oz/a	4 WAE				
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	4 WAE				
8	Command	3LB	A/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE			61b	
	Provisia	106	gA/L	EC	0.124	lb ai/a	18	oz/a	6 WAE				
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	6 WAE				
	Provisia	106	gA/L	EC	0.09	lb ai/a	13	oz/a	8 WAE				
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	8 WAE				
9	Command	3LB	A/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE			60b	
	Provisia	106	gA/L	EC	0.124	lb ai/a	18	oz/a	6 WAE				
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	6 WAE				
10	Command	3LB	A/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE				
	Provisia	106	gA/L	EC	0.124	lb ai/a	18	oz/a	8 WAE				
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	8 WAE				
	Provisia	106	gA/L	EC	0.09	lb ai/a	13	oz/a	10 WAE				
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	10 WAE				
11	Command	3LB	A/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE				
	Provisia	106	gA/L	EC	0.124	lb ai/a	18	oz/a	8 WAE				
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	8 WAE				
12	Command	3LB	A/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE				
	Provisia	106	gA/L	EC	0.124	lb ai/a	18	oz/a	10 WAE				
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	10 WAE				

Means followed by same letter or symbol do not significantly differ (P=.05, LSD)
Could not calculate LSD (% mean diff) for columns 14,15 because error mean square = 0.

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Provisia Application at Various Timings

Trial ID:C16-04 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-04 Investigator:Eric P. Webster

Pest Code									ECHCG	ECHCG	ECHCG	CL111
Rating Date									Jun-22-2016	Jul-5-2016	Jul-18-2016	Jun-22-2016
Rating Type									CONTROL	CONTROL	CONTROL	CONTROL
Rating Unit									%	%	%	%
Trt-Eval Interval									21 DA EPOST	34 DA EPOST	47 DA EPOST	21 DA EPOST
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
13	Command	3LBA/GAL		ME	0.3	lb ai/a	12.8	oz/a	PRE	94a	98a	97a	93a
	Provisia	106gA/L		EC	0.107	lb ai/a	15.5	oz/a	EPOST				
	Agri-Dex	100%		L	1	% v/v	1	% v/v	EPOST				
	Provisia	106gA/L		EC	0.107	lb ai/a	15.5	oz/a	2 WAE				
	Agri-Dex	100%		L	1	% v/v	1	% v/v	2 WAE				
LSD P=.05										6.1	2.0	2.2	8.6
Standard Deviation										4.0	1.4	1.5	5.7
CV										5.43	1.63	1.85	7.81
Replicate F										1.863	1.037	2.062	1.141
Replicate Prob(F)										0.1793	0.3966	0.1289	0.3645
Treatment F										333.612	2456.667	1870.856	159.794
Treatment Prob(F)										0.0001	0.0001	0.0001	0.0001

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Provisia Application at Various Timings

Trial ID:C16-04 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-04 Investigator:Eric P. Webster

Pest Code									CL111	CL111	CLXL745	CLXL745
Rating Date									Jul-5-2016	Jul-18-2016	Jun-22-2016	Jul-5-2016
Rating Type									CONTROL	CONTROL	CONTROL	CONTROL
Rating Unit									%	%	%	%
Trt-Eval Interval									34 DA EPOST	47 DA EPOST	21 DA EPOST	34 DA EPOST
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage				
1	Command	3LBA/GAL	ME		0.3	lb ai/a	12.8	oz/a	PRE	0c	0c	0c	0c
2	Command	3LBA/GAL	ME		0.3	lb ai/a	12.8	oz/a	PRE	98a	98a	94a	98a
	Provisia	106gA/L	EC		0.124	lb ai/a	18	oz/a	EPOST				
	Agri-Dex	100%	L		1	% v/v	1	% v/v	EPOST				
	Provisia	106gA/L	EC		0.09	lb ai/a	13	oz/a	2 WAE				
	Agri-Dex	100%	L		1	% v/v	1	% v/v	2 WAE				
3	Command	3LBA/GAL	ME		0.3	lb ai/a	12.8	oz/a	PRE	97ab	95a	92ab	97ab
	Provisia	106gA/L	EC		0.124	lb ai/a	18	oz/a	EPOST				
	Agri-Dex	100%	L		1	% v/v	1	% v/v	EPOST				
4	Command	3LBA/GAL	ME		0.3	lb ai/a	12.8	oz/a	PRE	97ab	97a	84b	97ab
	Provisia	106gA/L	EC		0.124	lb ai/a	18	oz/a	2 WAE				
	Agri-Dex	100%	L		1	% v/v	1	% v/v	2 WAE				
	Provisia	106gA/L	EC		0.09	lb ai/a	13	oz/a	4 WAE				
	Agri-Dex	100%	L		1	% v/v	1	% v/v	4 WAE				
5	Command	3LBA/GAL	ME		0.3	lb ai/a	12.8	oz/a	PRE	98a	98a	85b	97ab
	Provisia	106gA/L	EC		0.124	lb ai/a	18	oz/a	2 WAE				
	Agri-Dex	100%	L		1	% v/v	1	% v/v	2 WAE				
6	Command	3LBA/GAL	ME		0.3	lb ai/a	12.8	oz/a	PRE	95b	90a		95b
	Provisia	106gA/L	EC		0.124	lb ai/a	18	oz/a	4 WAE				
	Agri-Dex	100%	L		1	% v/v	1	% v/v	4 WAE				
	Provisia	106gA/L	EC		0.09	lb ai/a	13	oz/a	6 WAE				
	Agri-Dex	100%	L		1	% v/v	1	% v/v	6 WAE				
7	Command	3LBA/GAL	ME		0.3	lb ai/a	12.8	oz/a	PRE	97a	98a		95b
	Provisia	106gA/L	EC		0.124	lb ai/a	18	oz/a	4 WAE				
	Agri-Dex	100%	L		1	% v/v	1	% v/v	4 WAE				
8	Command	3LBA/GAL	ME		0.3	lb ai/a	12.8	oz/a	PRE		61b		
	Provisia	106gA/L	EC		0.124	lb ai/a	18	oz/a	6 WAE				
	Agri-Dex	100%	L		1	% v/v	1	% v/v	6 WAE				
	Provisia	106gA/L	EC		0.09	lb ai/a	13	oz/a	8 WAE				
	Agri-Dex	100%	L		1	% v/v	1	% v/v	8 WAE				
9	Command	3LBA/GAL	ME		0.3	lb ai/a	12.8	oz/a	PRE		61b		
	Provisia	106gA/L	EC		0.124	lb ai/a	18	oz/a	6 WAE				
	Agri-Dex	100%	L		1	% v/v	1	% v/v	6 WAE				
10	Command	3LBA/GAL	ME		0.3	lb ai/a	12.8	oz/a	PRE				
	Provisia	106gA/L	EC		0.124	lb ai/a	18	oz/a	8 WAE				
	Agri-Dex	100%	L		1	% v/v	1	% v/v	8 WAE				
	Provisia	106gA/L	EC		0.09	lb ai/a	13	oz/a	10 WAE				
	Agri-Dex	100%	L		1	% v/v	1	% v/v	10 WAE				
11	Command	3LBA/GAL	ME		0.3	lb ai/a	12.8	oz/a	PRE				
	Provisia	106gA/L	EC		0.124	lb ai/a	18	oz/a	8 WAE				
	Agri-Dex	100%	L		1	% v/v	1	% v/v	8 WAE				
12	Command	3LBA/GAL	ME		0.3	lb ai/a	12.8	oz/a	PRE				
	Provisia	106gA/L	EC		0.124	lb ai/a	18	oz/a	10 WAE				
	Agri-Dex	100%	L		1	% v/v	1	% v/v	10 WAE				

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Provisia Application at Various Timings

Trial ID:C16-04 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-04 Investigator:Eric P. Webster

Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage				
Pest Code										CL111	CL111	CLXL745	CLXL745
Rating Date										Jul-5-2016	Jul-18-2016	Jun-22-2016	Jul-5-2016
Rating Type										CONTROL	CONTROL	CONTROL	CONTROL
Rating Unit										%	%	%	%
Trt-Eval Interval										34 DA EPOST	47 DA EPOST	21 DA EPOST	34 DA EPOST
13	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	98a	89a	91ab	97ab
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	EPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST				
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	2 WAE				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	2 WAE				
LSD P=.05										2.3	11.8	8.7	2.5
Standard Deviation										1.5	8.1	5.8	1.7
CV										1.81	10.34	7.75	2.0
Replicate F										1.182	1.088	0.975	1.150
Replicate Prob(F)										0.3404	0.3708	0.4306	0.3521
Treatment F										2000.545	58.624	161.644	1642.240
Treatment Prob(F)										0.0001	0.0001	0.0001	0.0001

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Provisia Application at Various Timings

Trial ID:C16-04 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-04 Investigator:Eric P. Webster

Pest Code									CLXL745	ORYSA	ORYSA	ORYSA
Rating Date									Jul-18-2016	Jun-22-2016	Jul-5-2016	Jul-18-2016
Rating Type									CONTROL	CONTROL	CONTROL	CONTROL
Rating Unit									%	%	%	%
Trt-Eval Interval									47 DA EPOST	21 DA EPOST	34 DA EPOST	47 DA EPOST
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage				
1	Command	3LBA/GAL		ME	0.3	lb ai/a	12.8	oz/a	PRE	0c	0c	0c	0c
2	Command	3LBA/GAL		ME	0.3	lb ai/a	12.8	oz/a	PRE	98a	94a	98a	98a
	Provisia	106gA/L		EC	0.124	lb ai/a	18	oz/a	EPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST				
	Provisia	106gA/L		EC	0.09	lb ai/a	13	oz/a	2 WAE				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	2 WAE				
3	Command	3LBA/GAL		ME	0.3	lb ai/a	12.8	oz/a	PRE	95a	92ab	97ab	98a
	Provisia	106gA/L		EC	0.124	lb ai/a	18	oz/a	EPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST				
4	Command	3LBA/GAL		ME	0.3	lb ai/a	12.8	oz/a	PRE	97a	86b	98a	97a
	Provisia	106gA/L		EC	0.124	lb ai/a	18	oz/a	2 WAE				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	2 WAE				
	Provisia	106gA/L		EC	0.09	lb ai/a	13	oz/a	4 WAE				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	4 WAE				
5	Command	3LBA/GAL		ME	0.3	lb ai/a	12.8	oz/a	PRE	98a	87ab	98a	98a
	Provisia	106gA/L		EC	0.124	lb ai/a	18	oz/a	2 WAE				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	2 WAE				
6	Command	3LBA/GAL		ME	0.3	lb ai/a	12.8	oz/a	PRE	96a		97ab	97a
	Provisia	106gA/L		EC	0.124	lb ai/a	18	oz/a	4 WAE				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	4 WAE				
	Provisia	106gA/L		EC	0.09	lb ai/a	13	oz/a	6 WAE				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	6 WAE				
7	Command	3LBA/GAL		ME	0.3	lb ai/a	12.8	oz/a	PRE	97a		97b	97a
	Provisia	106gA/L		EC	0.124	lb ai/a	18	oz/a	4 WAE				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	4 WAE				
8	Command	3LBA/GAL		ME	0.3	lb ai/a	12.8	oz/a	PRE	64b			61b
	Provisia	106gA/L		EC	0.124	lb ai/a	18	oz/a	6 WAE				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	6 WAE				
	Provisia	106gA/L		EC	0.09	lb ai/a	13	oz/a	8 WAE				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	8 WAE				
9	Command	3LBA/GAL		ME	0.3	lb ai/a	12.8	oz/a	PRE	61b			61b
	Provisia	106gA/L		EC	0.124	lb ai/a	18	oz/a	6 WAE				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	6 WAE				
10	Command	3LBA/GAL		ME	0.3	lb ai/a	12.8	oz/a	PRE				
	Provisia	106gA/L		EC	0.124	lb ai/a	18	oz/a	8 WAE				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	8 WAE				
	Provisia	106gA/L		EC	0.09	lb ai/a	13	oz/a	10 WAE				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	10 WAE				
11	Command	3LBA/GAL		ME	0.3	lb ai/a	12.8	oz/a	PRE				
	Provisia	106gA/L		EC	0.124	lb ai/a	18	oz/a	8 WAE				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	8 WAE				
12	Command	3LBA/GAL		ME	0.3	lb ai/a	12.8	oz/a	PRE				
	Provisia	106gA/L		EC	0.124	lb ai/a	18	oz/a	10 WAE				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	10 WAE				

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Provisia Application at Various Timings

Trial ID:C16-04 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-04 Investigator:Eric P. Webster

Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	CLXL745	ORYSA	ORYSA	ORYSA
Pest Code										CLXL745	ORYSA	ORYSA	ORYSA
Rating Date										Jul-18-2016	Jun-22-2016	Jul-5-2016	Jul-18-2016
Rating Type										CONTROL	CONTROL	CONTROL	CONTROL
Rating Unit										%	%	%	%
Trt-Eval Interval										47 DA EPOST	21 DA EPOST	34 DA EPOST	47 DA EPOST
13	Command	3LBA/GAL		ME	0.3	lb ai/a	12.8	oz/a	PRE	98a	94ab	98a	96a
	Provisia	106gA/L		EC	0.107	lb ai/a	15.5	oz/a	EPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST				
	Provisia	106gA/L		EC	0.107	lb ai/a	15.5	oz/a	2 WAE				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	2 WAE				
LSD P=.05										3.7	7.5	1.4	2.6
Standard Deviation										2.6	5.0	1.0	1.8
CV										3.2	6.6	1.15	2.27
Replicate F										0.844	1.364	0.778	0.088
Replicate Prob(F)										0.4820	0.2917	0.5195	0.9662
Treatment F										605.652	221.922	4937.630	1229.262
Treatment Prob(F)										0.0001	0.0001	0.0001	0.0001

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Provisia Application at Various Timings

Trial ID:C16-04 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-04 Investigator:Eric P. Webster

Pest Code								LEFPA	RICE	RICE	RICE
Rating Date								Jul-5-2016	Jun-22-2016	Jul-5-2016	Jul-18-2016
Rating Type								CONTROL	INJURY	INJURY	INJURY
Rating Unit								%	%	%	%
Trt-Eval Interval								34 DA EPOST	21 DA EPOST	34 DA EPOST	47 DA EPOST
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage				
1	Command	3LB	A/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	0c	0a	0a	0d
2	Command	3LB	A/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	98a	0a	0a	10c
	Provisia	106	gA/L	EC	0.124	lb ai/a	18	oz/a	EPOST				
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	EPOST				
	Provisia	106	gA/L	EC	0.09	lb ai/a	13	oz/a	2 WAE				
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	2 WAE				
3	Command	3LB	A/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	98a	0a	0a	11c
	Provisia	106	gA/L	EC	0.124	lb ai/a	18	oz/a	EPOST				
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	EPOST				
4	Command	3LB	A/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	98a	0a	0a	14bc
	Provisia	106	gA/L	EC	0.124	lb ai/a	18	oz/a	2 WAE				
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	2 WAE				
	Provisia	106	gA/L	EC	0.09	lb ai/a	13	oz/a	4 WAE				
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	4 WAE				
5	Command	3LB	A/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	98a	0a	0a	14bc
	Provisia	106	gA/L	EC	0.124	lb ai/a	18	oz/a	2 WAE				
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	2 WAE				
6	Command	3LB	A/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	97ab		0a	20a
	Provisia	106	gA/L	EC	0.124	lb ai/a	18	oz/a	4 WAE				
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	4 WAE				
	Provisia	106	gA/L	EC	0.09	lb ai/a	13	oz/a	6 WAE				
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	6 WAE				
7	Command	3LB	A/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	97b		0a	19ab
	Provisia	106	gA/L	EC	0.124	lb ai/a	18	oz/a	4 WAE				
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	4 WAE				
8	Command	3LB	A/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE				13c
	Provisia	106	gA/L	EC	0.124	lb ai/a	18	oz/a	6 WAE				
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	6 WAE				
	Provisia	106	gA/L	EC	0.09	lb ai/a	13	oz/a	8 WAE				
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	8 WAE				
9	Command	3LB	A/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE				
	Provisia	106	gA/L	EC	0.124	lb ai/a	18	oz/a	6 WAE				
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	6 WAE				
10	Command	3LB	A/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE				
	Provisia	106	gA/L	EC	0.124	lb ai/a	18	oz/a	8 WAE				
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	8 WAE				
	Provisia	106	gA/L	EC	0.09	lb ai/a	13	oz/a	10 WAE				
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	10 WAE				
11	Command	3LB	A/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE				
	Provisia	106	gA/L	EC	0.124	lb ai/a	18	oz/a	8 WAE				
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	8 WAE				
12	Command	3LB	A/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE				
	Provisia	106	gA/L	EC	0.124	lb ai/a	18	oz/a	10 WAE				
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	10 WAE				

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Provisia Application at Various Timings

Trial ID:C16-04 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-04 Investigator:Eric P. Webster

Pest Code									LEFPA	RICE	RICE	RICE
Rating Date									Jul-5-2016	Jun-22-2016	Jul-5-2016	Jul-18-2016
Rating Type									CONTROL	INJURY	INJURY	INJURY
Rating Unit									%	%	%	%
Trt-Eval Interval									34 DA EPOST	21 DA EPOST	34 DA EPOST	47 DA EPOST
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage				
13	Command	3LBA/GAL		ME	0.3	lb ai/a	12.8	oz/a	PRE	98a	0a	0a	10c
	Provisia	106gA/L		EC	0.107	lb ai/a	15.5	oz/a	EPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST				
	Provisia	106gA/L		EC	0.107	lb ai/a	15.5	oz/a	2 WAE				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	2 WAE				
LSD P=.05										1.1	.	.	5.4
Standard Deviation										0.8	0.0	0.0	3.7
CV										0.91	0.0	0.0	30.49
Replicate F										1.711	0.000	0.000	0.400
Replicate Prob(F)										0.1953	1.0000	1.0000	0.7542
Treatment F										7917.564	0.000	0.000	9.650
Treatment Prob(F)										0.0001	1.0000	1.0000	0.0001

LSU AgCenter SPESS

Provisia Application at Various Timings

Trial ID:C16-04 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-04 Investigator:Eric P. Webster

Pest Code									RICE	RICE	RICE	RICE
Rating Date									Sep-15-2016	Sep-15-2016	Sep-15-2016	Sep-15-2016
Rating Type									HEIGHT	HEIGHT	HEIGHT	HEIGHT
Rating Unit									cm	cm	cm	cm
Trt-Eval Interval									At Harvest	At Harvest	At Harvest	At Harvest
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage				
1	Command	3LBA/GAL		ME	0.3	lb ai/a	12.8	oz/a	PRE	91bc	92bcd	90c	93b-e
2	Command	3LBA/GAL		ME	0.3	lb ai/a	12.8	oz/a	PRE	100a	98abc	98ab	98a-d
	Provisia	106gA/L		EC	0.124	lb ai/a	18	oz/a	EPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST				
	Provisia	106gA/L		EC	0.09	lb ai/a	13	oz/a	2 WAE				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	2 WAE				
3	Command	3LBA/GAL		ME	0.3	lb ai/a	12.8	oz/a	PRE	98ab	99ab	100a	98abc
	Provisia	106gA/L		EC	0.124	lb ai/a	18	oz/a	EPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST				
4	Command	3LBA/GAL		ME	0.3	lb ai/a	12.8	oz/a	PRE	101a	106a	103a	101a
	Provisia	106gA/L		EC	0.124	lb ai/a	18	oz/a	2 WAE				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	2 WAE				
	Provisia	106gA/L		EC	0.09	lb ai/a	13	oz/a	4 WAE				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	4 WAE				
5	Command	3LBA/GAL		ME	0.3	lb ai/a	12.8	oz/a	PRE	100a	102a	103a	99ab
	Provisia	106gA/L		EC	0.124	lb ai/a	18	oz/a	2 WAE				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	2 WAE				
6	Command	3LBA/GAL		ME	0.3	lb ai/a	12.8	oz/a	PRE	101a	98abc	101a	97a-d
	Provisia	106gA/L		EC	0.124	lb ai/a	18	oz/a	4 WAE				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	4 WAE				
	Provisia	106gA/L		EC	0.09	lb ai/a	13	oz/a	6 WAE				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	6 WAE				
7	Command	3LBA/GAL		ME	0.3	lb ai/a	12.8	oz/a	PRE	104a	103a	103a	102a
	Provisia	106gA/L		EC	0.124	lb ai/a	18	oz/a	4 WAE				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	4 WAE				
8	Command	3LBA/GAL		ME	0.3	lb ai/a	12.8	oz/a	PRE	88c	87d	90c	91cde
	Provisia	106gA/L		EC	0.124	lb ai/a	18	oz/a	6 WAE				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	6 WAE				
	Provisia	106gA/L		EC	0.09	lb ai/a	13	oz/a	8 WAE				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	8 WAE				
9	Command	3LBA/GAL		ME	0.3	lb ai/a	12.8	oz/a	PRE	81d	85d	85c	83f
	Provisia	106gA/L		EC	0.124	lb ai/a	18	oz/a	6 WAE				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	6 WAE				
10	Command	3LBA/GAL		ME	0.3	lb ai/a	12.8	oz/a	PRE	89c	88d	91c	89ef
	Provisia	106gA/L		EC	0.124	lb ai/a	18	oz/a	8 WAE				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	8 WAE				
	Provisia	106gA/L		EC	0.09	lb ai/a	13	oz/a	10 WAE				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	10 WAE				
11	Command	3LBA/GAL		ME	0.3	lb ai/a	12.8	oz/a	PRE	89c	89d	86c	91def
	Provisia	106gA/L		EC	0.124	lb ai/a	18	oz/a	8 WAE				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	8 WAE				
12	Command	3LBA/GAL		ME	0.3	lb ai/a	12.8	oz/a	PRE	88c	90cd	92bc	92b-e
	Provisia	106gA/L		EC	0.124	lb ai/a	18	oz/a	10 WAE				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	10 WAE				

LSU AgCenter SPESS

Provisia Application at Various Timings

Trial ID:C16-04 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-04 Investigator:Eric P. Webster

Pest Code									RICE	RICE	RICE	RICE
Rating Date									Sep-15-2016	Sep-15-2016	Sep-15-2016	Sep-15-2016
Rating Type									HEIGHT	HEIGHT	HEIGHT	HEIGHT
Rating Unit									cm	cm	cm	cm
Trt-Eval Interval									At Harvest	At Harvest	At Harvest	At Harvest
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage				
13	Command	3LBA/GAL		ME	0.3	lb ai/a	12.8	oz/a	PRE	104a	101a	103a	103a
	Provisia	106gA/L		EC	0.107	lb ai/a	15.5	oz/a	EPOST				
	Agri-Dex	100%		L	1	% v/v	1	% v/v	EPOST				
	Provisia	106gA/L		EC	0.107	lb ai/a	15.5	oz/a	2 WAE				
	Agri-Dex	100%		L	1	% v/v	1	% v/v	2 WAE				
LSD P=.05										6.8	8.5	7.3	7.6
Standard Deviation										4.7	6.0	5.1	5.3
CV										4.97	6.27	5.29	5.56
Replicate F										0.146	1.357	1.849	1.376
Replicate Prob(F)										0.9318	0.2713	0.1558	0.2657
Treatment F										9.753	5.405	7.445	5.085
Treatment Prob(F)										0.0001	0.0001	0.0001	0.0001

LSU AgCenter SPESS

Provisia Application at Various Timings

Trial ID:C16-04 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-04 Investigator:Eric P. Webster

Pest Code									RICE
Rating Date									Sep-15-2016
Rating Type									AVG HEIGHT
Rating Unit									cm
Trt-Eval Interval									At Harvest
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	
1	Command	3LBA/GAL		ME	0.3	lb ai/a	12.8	oz/a	PRE	92b
2	Command	3LBA/GAL		ME	0.3	lb ai/a	12.8	oz/a	PRE	98a
	Provisia	106gA/L		EC	0.124	lb ai/a	18	oz/a	EPOST	
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST	
	Provisia	106gA/L		EC	0.09	lb ai/a	13	oz/a	2 WAE	
	Agri-Dex	100%		L	1%	v/v	1%	v/v	2 WAE	
3	Command	3LBA/GAL		ME	0.3	lb ai/a	12.8	oz/a	PRE	99a
	Provisia	106gA/L		EC	0.124	lb ai/a	18	oz/a	EPOST	
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST	
4	Command	3LBA/GAL		ME	0.3	lb ai/a	12.8	oz/a	PRE	103a
	Provisia	106gA/L		EC	0.124	lb ai/a	18	oz/a	2 WAE	
	Agri-Dex	100%		L	1%	v/v	1%	v/v	2 WAE	
	Provisia	106gA/L		EC	0.09	lb ai/a	13	oz/a	4 WAE	
	Agri-Dex	100%		L	1%	v/v	1%	v/v	4 WAE	
5	Command	3LBA/GAL		ME	0.3	lb ai/a	12.8	oz/a	PRE	101a
	Provisia	106gA/L		EC	0.124	lb ai/a	18	oz/a	2 WAE	
	Agri-Dex	100%		L	1%	v/v	1%	v/v	2 WAE	
6	Command	3LBA/GAL		ME	0.3	lb ai/a	12.8	oz/a	PRE	99a
	Provisia	106gA/L		EC	0.124	lb ai/a	18	oz/a	4 WAE	
	Agri-Dex	100%		L	1%	v/v	1%	v/v	4 WAE	
	Provisia	106gA/L		EC	0.09	lb ai/a	13	oz/a	6 WAE	
	Agri-Dex	100%		L	1%	v/v	1%	v/v	6 WAE	
7	Command	3LBA/GAL		ME	0.3	lb ai/a	12.8	oz/a	PRE	103a
	Provisia	106gA/L		EC	0.124	lb ai/a	18	oz/a	4 WAE	
	Agri-Dex	100%		L	1%	v/v	1%	v/v	4 WAE	
8	Command	3LBA/GAL		ME	0.3	lb ai/a	12.8	oz/a	PRE	89bc
	Provisia	106gA/L		EC	0.124	lb ai/a	18	oz/a	6 WAE	
	Agri-Dex	100%		L	1%	v/v	1%	v/v	6 WAE	
	Provisia	106gA/L		EC	0.09	lb ai/a	13	oz/a	8 WAE	
	Agri-Dex	100%		L	1%	v/v	1%	v/v	8 WAE	
9	Command	3LBA/GAL		ME	0.3	lb ai/a	12.8	oz/a	PRE	84c
	Provisia	106gA/L		EC	0.124	lb ai/a	18	oz/a	6 WAE	
	Agri-Dex	100%		L	1%	v/v	1%	v/v	6 WAE	
10	Command	3LBA/GAL		ME	0.3	lb ai/a	12.8	oz/a	PRE	89bc
	Provisia	106gA/L		EC	0.124	lb ai/a	18	oz/a	8 WAE	
	Agri-Dex	100%		L	1%	v/v	1%	v/v	8 WAE	
	Provisia	106gA/L		EC	0.09	lb ai/a	13	oz/a	10 WAE	
	Agri-Dex	100%		L	1%	v/v	1%	v/v	10 WAE	
11	Command	3LBA/GAL		ME	0.3	lb ai/a	12.8	oz/a	PRE	89bc
	Provisia	106gA/L		EC	0.124	lb ai/a	18	oz/a	8 WAE	
	Agri-Dex	100%		L	1%	v/v	1%	v/v	8 WAE	
12	Command	3LBA/GAL		ME	0.3	lb ai/a	12.8	oz/a	PRE	90b
	Provisia	106gA/L		EC	0.124	lb ai/a	18	oz/a	10 WAE	
	Agri-Dex	100%		L	1%	v/v	1%	v/v	10 WAE	

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Provisia Application at Various Timings

Trial ID:C16-04 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-04 Investigator:Eric P. Webster

Pest Code	RICE
Rating Date	Sep-15-2016
Rating Type	AVG HEIGHT
Rating Unit	cm
Trt-Eval Interval	At Harvest

Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	
13	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	103a
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	EPOST	
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST	
	Provisia	106	gA/L	EC	0.107	lb ai/a	15.5	oz/a	2 WAE	
	Agri-Dex	100%		L	1%	v/v	1%	v/v	2 WAE	

LSD P=.05	6.2
Standard Deviation	4.4
CV	4.57
Replicate F	1.070
Replicate Prob(F)	0.3741
Treatment F	9.388
Treatment Prob(F)	0.0001

LSU AgCenter
School of Plant, Environmental and Soil Sciences

Provisia Rice System with Winfield Adjuvants

Experiment number	**C16-05**
Location.....	RRS-Crowley, LA
Experimental design	RCB
Number of reps.....	4
Plot size.....	5'x17'
Row width/# per plot	7.5"/8
Soil type	Crowley silt loam (3% sand, 69% silt, 28% clay)
% OM	1.4
pH	6.4
CEC.....	19.1
Crop/Variety	Provisia, CL 111, CL XL745
Planting date	5/10/16
Emergence date	5/22/16
Harvest date	9/9/16

Application type	MPOST	**OVERSPRAY
Date applied [mm/dd/yy]	6/9/16	6/9/16
Time [hh:mm-hh:mm]	9:50-10:00a	12:00-12:10p
Air/Soil temperature [F].....	84/85	88/86
Relative humidity [%]	70%	52%
Wind [mph, direction].....	5-7, NE	2-5, NE
Weather [sunny, etc].....	pt. cloudy	pt. cloudy
Soil/Leaf surface moist	dry/dry	dry/dry
Crop stage/Height.....	3-4lf/4-8"	3-4lf
Sprayer type/MPH	BKPK/3.0	BKPK/3.0
Nozzle type/Size*	FF/110015	FF/110015
Boom ht/# Noz/Spacing	15/5/15	15/5/15
GPA/PSI	15/21	15/21
Applied by.....	BMM	BMM

Weed Species (population)..:------- (height/#leaves) --------

ECHCG(10-15m^{-2})	4-8"/4-5lf
ORYSA(5-10m^{-2})	4-6"/3-4lf
CL111(5-10m^{-2})	4-6"/3-4lf
CLXL745(5-10m^{-2})	4-6"/3-4lf

Flush Dates	NA
Permanent Flood	6/16/16

*AMFF – Air mix flat fan nozzles

** Oversprayed with 2.5oz/A Strada Pro + 1% MSO

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Provisia Rice System with Winfield Adjuvants

Trial ID:C16-05 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-05 Investigator:Eric P. Webster

Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage				
Pest Code										CL111	CL111	CL111	CLXL745
Rating Date										Jun-22-2016	Jul-5-2016	Jul-19-2016	Jun-22-2016
Rating Type										CONTROL	CONTROL	CONTROL	CONTROL
Rating Unit										%	%	%	%
Trt-Eval Interval										13 DAT	26 DAT	40 DAT	13 DAT
1	Nontreated									0b	0b	0c	0c
2	Provisia	0.88	LBA/GAL	EC	0.107	lb ai/a	15.5	oz/a	MPOST	78a	91a	95ab	78ab
3	Provisia	0.88	LBA/GAL	EC	0.107	lb ai/a	15.5	oz/a	MPOST	74a	92a	96ab	75ab
	MasterLock	100%		L	0.333	% v/v	6.4	oz/a	MPOST				
4	Provisia	0.88	LBA/GAL	EC	0.107	lb ai/a	15.5	oz/a	MPOST	75a	94a	95ab	76ab
	Preference	100%		L	0.25	% v/v	4.8	oz/a	MPOST				
	InterLock	100%		L	0.208	% v/v	4	oz/a	MPOST				
5	Provisia	0.88	LBA/GAL	EC	0.107	lb ai/a	15.5	oz/a	MPOST	75a	93a	92b	74b
	AG14039	100%		L	0.5	% v/v	9.6	oz/a	MPOST				
6	Provisia	0.88	LBA/GAL	EC	0.107	lb ai/a	15.5	oz/a	MPOST	79a	93a	97a	82a
	Destiny HC	100%		L	1	% v/v	19.2	oz/a	MPOST				
7	Provisia	0.88	LBA/GAL	EC	0.107	lb ai/a	15.5	oz/a	MPOST	78a	93a	95ab	74b
	Destiny HC	100%		L	1	% v/v	19.2	oz/a	MPOST				
	InterLock	100%		L	0.208	% v/v	4	oz/a	MPOST				
8	Provisia	0.88	LBA/GAL	EC	0.107	lb ai/a	15.5	oz/a	MPOST	76a	93a	97a	74b
	AG14039	100%		L	1	% v/v	19.2	oz/a	MPOST				
LSD P=.05										8.8	4.5	3.8	7.2
Standard Deviation										6.0	3.1	2.6	4.9
CV										8.95	3.78	3.09	7.39
Replicate F										2.004	2.145	1.551	1.827
Replicate Prob(F)										0.1443	0.1249	0.2308	0.1732
Treatment F										81.930	456.853	684.497	120.787
Treatment Prob(F)										0.0001	0.0001	0.0001	0.0001

Means followed by same letter or symbol do not significantly differ (P=.05, LSD)
Could not calculate LSD (% mean diff) for columns 13,14,15,21 because error mean square = 0.

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Provisia Rice System with Winfield Adjuvants

Trial ID:C16-05 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-05 Investigator:Eric P. Webster

Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	CLXL745	CLXL745	ORYSA	ORYSA
	Pest Code									CLXL745	CLXL745	ORYSA	ORYSA
	Rating Date									Jul-5-2016	Jul-19-2016	Jun-22-2016	Jul-5-2016
	Rating Type									CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit									%	%	%	%
	Trt-Eval Interval									26 DAT	40 DAT	13 DAT	26 DAT
1	Nontreated									0b	0c	0c	0b
2	Provisia	0.88	LBA/GAL	EC	0.107	lb ai/a	15.5	oz/a	MPOST	91a	94ab	81ab	91a
3	Provisia	0.88	LBA/GAL	EC	0.107	lb ai/a	15.5	oz/a	MPOST	92a	95ab	78ab	93a
	MasterLock	100%		L	0.333	% v/v	6.4	oz/a	MPOST				
4	Provisia	0.88	LBA/GAL	EC	0.107	lb ai/a	15.5	oz/a	MPOST	94a	95ab	80ab	93a
	Preference	100%		L	0.25	% v/v	4.8	oz/a	MPOST				
	InterLock	100%		L	0.208	% v/v	4	oz/a	MPOST				
5	Provisia	0.88	LBA/GAL	EC	0.107	lb ai/a	15.5	oz/a	MPOST	93a	92b	80ab	94a
	AG14039	100%		L	0.5	% v/v	9.6	oz/a	MPOST				
6	Provisia	0.88	LBA/GAL	EC	0.107	lb ai/a	15.5	oz/a	MPOST	93a	97a	83a	93a
	Destiny HC	100%		L	1	% v/v	19.2	oz/a	MPOST				
7	Provisia	0.88	LBA/GAL	EC	0.107	lb ai/a	15.5	oz/a	MPOST	93a	95ab	79ab	94a
	Destiny HC	100%		L	1	% v/v	19.2	oz/a	MPOST				
	InterLock	100%		L	0.208	% v/v	4	oz/a	MPOST				
8	Provisia	0.88	LBA/GAL	EC	0.107	lb ai/a	15.5	oz/a	MPOST	93a	97a	76b	94a
	AG14039	100%		L	1	% v/v	19.2	oz/a	MPOST				
	LSD P=.05									4.8	3.7	6.3	4.1
	Standard Deviation									3.3	2.5	4.3	2.8
	CV									4.05	3.03	6.16	3.46
	Replicate F									0.980	3.721	3.838	2.356
	Replicate Prob(F)									0.4210	0.0273	0.0246	0.1009
	Treatment F									398.647	713.687	173.122	547.348
	Treatment Prob(F)									0.0001	0.0001	0.0001	0.0001

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Provisia Rice System with Winfield Adjuvants

Trial ID:C16-05 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-05 Investigator:Eric P. Webster

Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	ORYSA	ECHCG	ECHCG	ECHCG
Pest Code										ORYSA	ECHCG	ECHCG	ECHCG
Rating Date										Jul-19-2016	Jun-22-2016	Jul-5-2016	Jul-19-2016
Rating Type										CONTROL	CONTROL	CONTROL	CONTROL
Rating Unit										%	%	%	%
Trt-Eval Interval										40 DAT	13 DAT	26 DAT	40 DAT
1	Nontreated									0b	0c	0c	0d
2	Provisia	0.88	LBA/GAL	EC	0.107	lb ai/a	15.5	oz/a	MPOST	97a	75ab	84ab	75bc
3	Provisia	0.88	LBA/GAL	EC	0.107	lb ai/a	15.5	oz/a	MPOST	97a	70ab	86ab	76abc
	MasterLock	100%		L	0.333	% v/v	6.4	oz/a	MPOST				
4	Provisia	0.88	LBA/GAL	EC	0.107	lb ai/a	15.5	oz/a	MPOST	97a	75ab	85ab	73bc
	Preference	100%		L	0.25	% v/v	4.8	oz/a	MPOST				
	InterLock	100%		L	0.208	% v/v	4	oz/a	MPOST				
5	Provisia	0.88	LBA/GAL	EC	0.107	lb ai/a	15.5	oz/a	MPOST	97a	69b	83b	70c
	AG14039	100%		L	0.5	% v/v	9.6	oz/a	MPOST				
6	Provisia	0.88	LBA/GAL	EC	0.107	lb ai/a	15.5	oz/a	MPOST	98a	79a	90a	85a
	Destiny HC	100%		L	1	% v/v	19.2	oz/a	MPOST				
7	Provisia	0.88	LBA/GAL	EC	0.107	lb ai/a	15.5	oz/a	MPOST	97a	70ab	90a	80ab
	Destiny HC	100%		L	1	% v/v	19.2	oz/a	MPOST				
	InterLock	100%		L	0.208	% v/v	4	oz/a	MPOST				
8	Provisia	0.88	LBA/GAL	EC	0.107	lb ai/a	15.5	oz/a	MPOST	98a	73ab	89ab	73bc
	AG14039	100%		L	1	% v/v	19.2	oz/a	MPOST				
LSD P=.05										2.0	9.2	6.8	9.0
Standard Deviation										1.3	6.2	4.6	6.1
CV										1.57	9.79	6.13	9.24
Replicate F										0.158	0.802	1.964	0.242
Replicate Prob(F)										0.9234	0.5069	0.1503	0.8661
Treatment F										2655.476	69.206	174.976	78.820
Treatment Prob(F)										0.0001	0.0001	0.0001	0.0001

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Provisia Rice System with Winfield Adjuvants

Trial ID:C16-05 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-05 Investigator:Eric P. Webster

Pest Code									RICE	RICE	RICE	RICE
Rating Date									Jun-22-2016	Jul-5-2016	Jul-19-2016	Sep-9-2016
Rating Type									INJURY	INJURY	INJURY	HEIGHT
Rating Unit									%	%	%	cm
Trt-Eval Interval									13 DAT	26 DAT	40 DAT	At Harvest
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage				
1	Nontreated									0a	0a	0a	84b
2	Provisia	0.88	LBA/GAL	EC	0.107	lb ai/a	15.5	oz/a	MPOST	0a	0a	0a	97a
3	Provisia	0.88	LBA/GAL	EC	0.107	lb ai/a	15.5	oz/a	MPOST	0a	0a	0a	99a
	MasterLock	100%		L	0.333	% v/v	6.4	oz/a	MPOST				
4	Provisia	0.88	LBA/GAL	EC	0.107	lb ai/a	15.5	oz/a	MPOST	0a	0a	0a	95a
	Preference	100%		L	0.25	% v/v	4.8	oz/a	MPOST				
	InterLock	100%		L	0.208	% v/v	4	oz/a	MPOST				
5	Provisia	0.88	LBA/GAL	EC	0.107	lb ai/a	15.5	oz/a	MPOST	0a	0a	0a	93a
	AG14039	100%		L	0.5	% v/v	9.6	oz/a	MPOST				
6	Provisia	0.88	LBA/GAL	EC	0.107	lb ai/a	15.5	oz/a	MPOST	0a	0a	0a	96a
	Destiny HC	100%		L	1	% v/v	19.2	oz/a	MPOST				
7	Provisia	0.88	LBA/GAL	EC	0.107	lb ai/a	15.5	oz/a	MPOST	0a	0a	0a	94a
	Destiny HC	100%		L	1	% v/v	19.2	oz/a	MPOST				
	InterLock	100%		L	0.208	% v/v	4	oz/a	MPOST				
8	Provisia	0.88	LBA/GAL	EC	0.107	lb ai/a	15.5	oz/a	MPOST	0a	0a	0a	94a
	AG14039	100%		L	1	% v/v	19.2	oz/a	MPOST				
LSD P=.05										.	.	.	5.7
Standard Deviation										0.0	0.0	0.0	3.9
CV										0.0	0.0	0.0	4.16
Replicate F										0.000	0.000	0.000	0.933
Replicate Prob(F)										1.0000	1.0000	1.0000	0.4422
Treatment F										0.000	0.000	0.000	5.200
Treatment Prob(F)										1.0000	1.0000	1.0000	0.0015

LSU AgCenter SPESS

Provisia Rice System with Winfield Adjuvants

Trial ID:C16-05 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-05 Investigator:Eric P. Webster

Pest Code									RICE	RICE	RICE	RICE
Rating Date									Sep-9-2016	Sep-9-2016	Sep-9-2016	Sep-9-2016
Rating Type									HEIGHT	HEIGHT	HEIGHT	AVG HEIGHT
Rating Unit									cm	cm	cm	cm
Trt-Eval Interval									At Harvest	At Harvest	At Harvest	At Harvest
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage				
1	Nontreated									82b	83b	82b	83b
2	Provisia	0.88	LBA/GAL	EC	0.107	lb ai/a	15.5	oz/a	MPOST	94a	100a	95a	97a
3	Provisia	0.88	LBA/GAL	EC	0.107	lb ai/a	15.5	oz/a	MPOST	96a	96a	98a	97a
	MasterLock	100%		L	0.333	% v/v	6.4	oz/a	MPOST				
4	Provisia	0.88	LBA/GAL	EC	0.107	lb ai/a	15.5	oz/a	MPOST	95a	95a	97a	96a
	Preference	100%		L	0.25	% v/v	4.8	oz/a	MPOST				
	InterLock	100%		L	0.208	% v/v	4	oz/a	MPOST				
5	Provisia	0.88	LBA/GAL	EC	0.107	lb ai/a	15.5	oz/a	MPOST	95a	95a	99a	96a
	AG14039	100%		L	0.5	% v/v	9.6	oz/a	MPOST				
6	Provisia	0.88	LBA/GAL	EC	0.107	lb ai/a	15.5	oz/a	MPOST	95a	94a	98a	96a
	Destiny HC	100%		L	1	% v/v	19.2	oz/a	MPOST				
7	Provisia	0.88	LBA/GAL	EC	0.107	lb ai/a	15.5	oz/a	MPOST	95a	100a	99a	97a
	Destiny HC	100%		L	1	% v/v	19.2	oz/a	MPOST				
	InterLock	100%		L	0.208	% v/v	4	oz/a	MPOST				
8	Provisia	0.88	LBA/GAL	EC	0.107	lb ai/a	15.5	oz/a	MPOST	95a	97a	99a	96a
	AG14039	100%		L	1	% v/v	19.2	oz/a	MPOST				
LSD P=.05										7.4	6.9	5.5	4.1
Standard Deviation										5.0	4.7	3.7	2.8
CV										5.38	4.93	3.89	2.99
Replicate F										1.089	0.649	2.639	2.057
Replicate Prob(F)										0.3757	0.5924	0.0761	0.1366
Treatment F										3.226	5.084	9.354	11.434
Treatment Prob(F)										0.0175	0.0017	0.0001	0.0001

LSU AgCenter SPESS

Provisia Rice System with Winfield Adjuvants

Trial ID:C16-05 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-05 Investigator:Eric P. Webster

Pest Code									RICE	RICE	RICE	RICE
Rating Date									Sep-9-2016	Sep-9-2016	Sep-9-2016	Sep-9-2016
Rating Type									MOISTURE	YIELD	YIELD	YIELD
Rating Unit									%	g	LB/A	KG/HA
Trt-Eval Interval									At Harvest	At Harvest	At Harvest	At Harvest
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
1	Nontreated									18a	709c	1870c	2095c
2	Provisia	0.88	LBA/GAL	EC	0.107	lb ai/a	15.5	oz/a	MPOST	18a	1064b	2805b	3144b
3	Provisia	0.88	LBA/GAL	EC	0.107	lb ai/a	15.5	oz/a	MPOST	18a	1209ab	3187ab	3572ab
	MasterLock	100%		L	0.333	% v/v	6.4	oz/a	MPOST				
4	Provisia	0.88	LBA/GAL	EC	0.107	lb ai/a	15.5	oz/a	MPOST	18a	1255a	3308a	3708a
	Preference	100%		L	0.25	% v/v	4.8	oz/a	MPOST				
	InterLock	100%		L	0.208	% v/v	4	oz/a	MPOST				
5	Provisia	0.88	LBA/GAL	EC	0.107	lb ai/a	15.5	oz/a	MPOST	18a	1049b	2766b	3100b
	AG14039	100%		L	0.5	% v/v	9.6	oz/a	MPOST				
6	Provisia	0.88	LBA/GAL	EC	0.107	lb ai/a	15.5	oz/a	MPOST	18a	1227ab	3233ab	3624ab
	Destiny HC	100%		L	1	% v/v	19.2	oz/a	MPOST				
7	Provisia	0.88	LBA/GAL	EC	0.107	lb ai/a	15.5	oz/a	MPOST	18a	1261a	3325a	3727a
	Destiny HC	100%		L	1	% v/v	19.2	oz/a	MPOST				
	InterLock	100%		L	0.208	% v/v	4	oz/a	MPOST				
8	Provisia	0.88	LBA/GAL	EC	0.107	lb ai/a	15.5	oz/a	MPOST	18a	1333a	3513a	3937a
	AG14039	100%		L	1	% v/v	19.2	oz/a	MPOST				
LSD P=.05										.	186.4	490.7	550.0
Standard Deviation										0.0	126.8	333.7	374.0
CV										0.0	11.14	11.12	11.12
Replicate F										0.000	1.759	1.989	1.989
Replicate Prob(F)										1.0000	0.1858	0.1465	0.1465
Treatment F										0.000	9.861	9.875	9.875
Treatment Prob(F)										1.0000	0.0001	0.0001	0.0001

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Provisia Applied at Different Timings Before and After Permit Application

Experiment number	**C16-06**
Location.....	RRS-Crowley, LA
Experimental design	RCB
Number of reps.....	4
Plot size.....	5'x17'
Row width/# per plot	7.5"/8
Soil type	Crowley silt loam (3% sand, 69% silt, 28% clay)
% OM	1.4
pH	6.4
CEC.....	19.1
Crop/Variety	Provisia
Planting date	5/10/16
Emergence date	5/22/16
Harvest date	9/6/16

Application type	7 Days Before Permit	3 Days Before Permit	1 Day Before Permit
Date applied [mm/dd/yy]	6/6/16	6/10/16	6/12/16
Time [hh:mm-hh:mm]	1:08-1:12p	12:25-12:30p	12:45-12:55p
Air/Soil temperature [F].....	85/83	84/83	88/87
Relative humidity [%]	60%	76%	71%
Wind [mph, direction].....	4-7, NE	6-8, ESE	2-4, S
Weather [sunny, etc].....	sunny	pt. cloudy	cloudy
Soil/Leaf surface moist	wet/dry	dry/dry	dry/dry
Crop stage/Height.....	3-4lf/4-6"	3-4lf/6-8"	3-4lf/6-8"
Sprayer type/MPH	BKPK/3.0	BKPK/3.0	BKPK/3.0
Nozzle type/Size*	FF/110015	FF/110015	FF/110015
Boom ht/# Noz/Spacing	15/5/15	15/5/15	15/5/15
GPA/PSI.....	15/21	15/21	15/21
Applied by.....	SYR	SYR	SYR

Weed Species (population)..:-	----------(height/#leaves)----------		
ECHCG(15-100m^{-2})	4-6"/4-5lf	4-8"/3-6lf	4-10"/4-6lf
ORYSA(5-50m^{-2})	4-6"/3-4lf	6-8"/3-4lf	6-8"/3-4lf
CL111(3-50m^{-2})	4-6"/3-4lf	6-8"/3-4lf	6-8"/3-4lf
CLXL745(3-30m^{-2})	4-6"/3-4lf	6-8"/3-4lf	6-8"/3-4lf

Flush Dates	5/12/16
Permanent Flood	6/16/16

*AMFF – Air mix flat fan nozzles

LSU AgCenter
School of Plant, Environmental and Soil Sciences

Provisia Applied at Different Timings Before and After Permit Application

Experiment number	**C16-06**
Location.....	RRS-Crowley, LA
Experimental design	RCB
Number of reps.....	4
Plot size.....	5'x17'
Row width/# per plot	7.5"/8
Soil type	Crowley silt loam (3% sand, 69% silt, 28% clay)
% OM	1.4
pH	6.4
CEC.....	19.1
Crop/Variety	Provisia
Planting date	5/10/16
Emergence date	5/22/16
Harvest date	9/6/16

Application type	0 Days Before Permit	1 Day After Permit	3 Days After Permit
Date applied [mm/dd/yy]	6/13/16	6/14/16	6/16/16
Time [hh:mm-hh:mm]	11:30-11:40p	9:30-9:35a	12:20-12:25
Air/Soil temperature [F].....	76/82	79/80	92/90
Relative humidity [%]	94%	93%	58%
Wind [mph, direction].....	6-8, E	6-8, S	5-7, WSW
Weather [sunny, etc].....	cloudy	sunny	pt. cloudy
Soil/Leaf surface moist	wet/dry	wet/dry	flood/dry
Crop stage/Height.....	4-5lf/6-8"	4-5lf/8-10"	5lf-1-2till
Sprayer type/MPH	BKPK/3.0	BKPK/3.0	BKPK/3.0
Nozzle type/Size*	FF/110015	FF/110015	FF/110015
Boom ht/# Noz/Spacing	15/5/15	15/5/15	15/5/15
GPA/PSI.....	15/21	15/21	15/22
Applied by.....	BMM	SYR	BMM

Weed Species (population)..:	---------- (height/#leaves)	----------	
ECHCG(20-50m^{-2})	4-8"/3-5lf	4-10"/3lf-1till	4-10"/3lf-1till
LEFPA(10-20m^{-2}).....	3-8"/2-5lf	4-10"/3-6lf	4-10"/3-6lf
ORYZA(20-30m^{-2}).....	6-8"/4-5lf	8-10"/4-5lf	8-10"/4-5lf
CL111(20-30m^{-2})	6-8"/4-5lf	8-10"/4-5lf	8-10"/4-5lf
CLXL745(20-30m^{-2})	6-8"/4-5lf	8-10"/4-5lf	8-10"/4-5lf

Flush Dates	5/12/16
Permanent Flood	6/16/16

*AMFF – Air mix flat fan nozzles

LSU AgCenter
School of Plant, Environmental and Soil Sciences

Provisia Applied at Different Timings Before and After Permit Application

Experiment number .....: **C16-06**
Location.....: RRS-Crowley, LA
Experimental design .....: RCB
Number of reps.....: 4
Plot size.....: 5'x17'
Row width/# per plot .....: 7.5"/8
Soil type .....: Crowley silt loam (3% sand, 69% silt, 28% clay)
% OM .....: 1.4
pH .....: 6.4
CEC.....: 19.1
Crop/Variety .....: Provisia
Planting date .....: 5/8/16
Emergence date .....: 5/22/16
Harvest date .....: 9/6/16

Application type .....: 7 Days After Permit
Date applied [mm/dd/yy].....: 6/20/16
Time [hh:mm-hh:mm] .....: 10:54-10:56a
Air/Soil temperature [F].....: 84/86
Relative humidity [%] .....: 70%
Wind [mph, direction].....: 2-5, NE
Weather [sunny, etc].....: sunny
Soil/Leaf surface moist .....: flood/dry
Crop stage/Height.....: 1-2till/10-12"
Sprayer type/MPH .....: BKPK/3.0
Nozzle type/Size* .....: FF/110015
Boom ht/# Noz/Spacing .....: 15/5/15
GPA/PSI .....: 15/21
Applied by.....: SYR

Weed Species (population)..:- (height/#leaves) -
ECHCG(20-50m^{-2}) .....: 8-12"/1-2till-head
LEFPA(10-20m$^{2)}$ .....: 8-14"/1-3till
ORYZA(3-5m^{-2}) .....: 5-10"/1-2till
CL111(20-30m^{-2}) .....: 10-12"/1-2till
CLXL745(20-30m^{-2}) .....: 10-12"/1-2till

Flush Dates .....: 5/12/16
Permanent Flood .....: 6/16/16

*AMFF – Air mix flat fan nozzles

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Provisia Applied at Different Timings Before and After Permit Application

Trial ID:C16-06 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-06 Investigator:Eric P. Webster

Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	ECHCG	ECHCG	ECHCG	LEFPA
	Pest Code									ECHCG	ECHCG	ECHCG	LEFPA
	Rating Date									Jul-6-2016	Jul-20-2016	Aug-10-2016	Jul-20-2016
	Rating Type									CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit									%	%	%	%
	Trt-Eval Interval									16 DA 7DAP	30 DA 7DAP	55 DA 7 DAP	30 DA 7DAP
1	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	7 DBP	99a	98a	98a	98a
	Agri-dex	100%		L	1%	v/v			7 DBP				
	Permit	75%		WG	0.047	lb ai/a	1	oz/a	DAY 0				
	Agri-dex	100%		L	1%	v/v			DAY 0				
2	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3 DBP	99a	98a	98a	99a
	Agri-dex	100%		L	1%	v/v			3 DBP				
	Permit	75%		WG	0.047	lb ai/a	1	oz/a	DAY 0				
	Agri-dex	100%		L	1%	v/v			DAY 0				
3	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	1 DBP	98a	98a	98a	99a
	Agri-dex	100%		L	1%	v/v			1 DBP				
	Permit	75%		WG	0.047	lb ai/a	1	oz/a	DAY 0				
	Agri-dex	100%		L	1%	v/v			DAY 0				
4	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	DAY 0	99a	98a	99a	99a
	Agri-dex	100%		L	1%	v/v			DAY 0				
5	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	DAY 0	95ab	98a	98a	98a
	Permit	75%		WG	0.047	lb ai/a	1	oz/a	DAY 0				
	Agri-dex	100%		L	1%	v/v			DAY 0				
6	Permit	75%		WG	0.047	lb ai/a	1	oz/a	DAY 0	88c	90b	97ab	98a
	Agri-dex	100%		L	1%	v/v			DAY 0				
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	1 DAP				
	Agri-dex	100%		L	1%	v/v			1 DAP				
7	Permit	75%		WG	0.047	lb ai/a	1	oz/a	DAY 0	88c	85c	86c	95b
	Agri-dex	100%		L	1%	v/v			DAY 0				
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3 DAP				
	Agri-dex	100%		L	1%	v/v			3 DAP				
8	Permit	75%		WG	0.047	lb ai/a	1	oz/a	DAY 0	90bc	93b	95b	99a
	Agri-dex	100%		L	1%	v/v			DAY 0				
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	7 DAP				
	Agri-dex	100%		L	1%	v/v			7 DAP				
9	NONTREATED									0d	0d	0d	0c
	LSD P=.05									6.1	2.9	2.3	1.8
	Standard Deviation									4.2	2.0	1.6	1.3
	CV									4.96	2.33	1.87	1.46
	Replicate F									0.405	4.036	1.218	1.960
	Replicate Prob(F)									0.7508	0.0186	0.3246	0.1470
	Treatment F									233.535	1057.164	1625.582	2656.885
	Treatment Prob(F)									0.0001	0.0001	0.0001	0.0001

Means followed by same letter or symbol do not significantly differ (P=.05, LSD)
Could not calculate LSD (% mean diff) for columns 15,16,17,23 because error mean square = 0.

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Provisia Applied at Different Timings Before and After Permit Application

Trial ID:C16-06 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-06 Investigator:Eric P. Webster

Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	LEFPA	CL111	CL111	CL111
	Pest Code									LEFPA	CL111	CL111	CL111
	Rating Date									Aug-10-2016	Jul-6-2016	Jul-20-2016	Aug-10-2016
	Rating Type									CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit									%	%	%	%
	Trt-Eval Interval									55 DA 7DAP	16 DA 7DAP	30 DA 7DAP	55 DA 7DAP
1	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	7 DBP	99a	97ab	92a	98a
	Agri-dex	100%		L	1%	v/v			7 DBP				
	Permit	75%		WG	0.047	lb ai/a	1	oz/a	DAY 0				
	Agri-dex	100%		L	1%	v/v			DAY 0				
2	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3 DBP	99a	99a	97a	98a
	Agri-dex	100%		L	1%	v/v			3 DBP				
	Permit	75%		WG	0.047	lb ai/a	1	oz/a	DAY 0				
	Agri-dex	100%		L	1%	v/v			DAY 0				
3	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	1 DBP	98a	98ab	96a	99a
	Agri-dex	100%		L	1%	v/v			1 DBP				
	Permit	75%		WG	0.047	lb ai/a	1	oz/a	DAY 0				
	Agri-dex	100%		L	1%	v/v			DAY 0				
4	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	DAY 0	99a	99a	95a	99a
	Agri-dex	100%		L	1%	v/v			DAY 0				
5	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	DAY 0	99a	96ab	96a	99a
	Permit	75%		WG	0.047	lb ai/a	1	oz/a	DAY 0				
	Agri-dex	100%		L	1%	v/v			DAY 0				
6	Permit	75%		WG	0.047	lb ai/a	1	oz/a	DAY 0	98a	95ab	96a	98a
	Agri-dex	100%		L	1%	v/v			DAY 0				
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	1 DAP				
	Agri-dex	100%		L	1%	v/v			1 DAP				
7	Permit	75%		WG	0.047	lb ai/a	1	oz/a	DAY 0	89b	80c	69b	76b
	Agri-dex	100%		L	1%	v/v			DAY 0				
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3 DAP				
	Agri-dex	100%		L	1%	v/v			3 DAP				
8	Permit	75%		WG	0.047	lb ai/a	1	oz/a	DAY 0	99a	94b	99a	97a
	Agri-dex	100%		L	1%	v/v			DAY 0				
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	7 DAP				
	Agri-dex	100%		L	1%	v/v			7 DAP				
9	NONTREATED									0c	0d	0c	0c
	LSD P=.05									3.2	4.5	8.4	3.2
	Standard Deviation									2.2	3.1	5.7	2.2
	CV									2.52	3.69	6.98	2.62
	Replicate F									0.974	3.051	0.384	2.034
	Replicate Prob(F)									0.4214	0.0479	0.7652	0.1359
	Treatment F									895.615	427.698	125.790	865.023
	Treatment Prob(F)									0.0001	0.0001	0.0001	0.0001

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Provisia Applied at Different Timings Before and After Permit Application

Trial ID:C16-06 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-06 Investigator:Eric P. Webster

Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	CLXL745	CLXL745	CLXL745	ORYSA
	Pest Code									CLXL745	CLXL745	CLXL745	ORYSA
	Rating Date									Jul-6-2016	Jul-20-2016	Aug-10-2016	Jul-6-2016
	Rating Type									CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit									%	%	%	%
	Trt-Eval Interval									16 DA 7 DAP	30 DA 7 DAP	55 DA 7DAP	16 DA 7 DAP
1	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	7 DBP	95a	95a	99a	95a
	Agri-dex	100%		L	1%	v/v			7 DBP				
	Permit	75%		WG	0.047	lb ai/a	1	oz/a	DAY 0				
	Agri-dex	100%		L	1%	v/v			DAY 0				
2	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3 DBP	98a	99a	97a	98a
	Agri-dex	100%		L	1%	v/v			3 DBP				
	Permit	75%		WG	0.047	lb ai/a	1	oz/a	DAY 0				
	Agri-dex	100%		L	1%	v/v			DAY 0				
3	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	1 DBP	98a	98a	98a	98a
	Agri-dex	100%		L	1%	v/v			1 DBP				
	Permit	75%		WG	0.047	lb ai/a	1	oz/a	DAY 0				
	Agri-dex	100%		L	1%	v/v			DAY 0				
4	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	DAY 0	99a	95a	99a	99a
	Agri-dex	100%		L	1%	v/v			DAY 0				
5	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	DAY 0	97a	97a	98a	96a
	Permit	75%		WG	0.047	lb ai/a	1	oz/a	DAY 0				
	Agri-dex	100%		L	1%	v/v			DAY 0				
6	Permit	75%		WG	0.047	lb ai/a	1	oz/a	DAY 0	96a	98a	98a	97a
	Agri-dex	100%		L	1%	v/v			DAY 0				
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	1 DAP				
	Agri-dex	100%		L	1%	v/v			1 DAP				
7	Permit	75%		WG	0.047	lb ai/a	1	oz/a	DAY 0	79b	75b	76b	83b
	Agri-dex	100%		L	1%	v/v			DAY 0				
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3 DAP				
	Agri-dex	100%		L	1%	v/v			3 DAP				
8	Permit	75%		WG	0.047	lb ai/a	1	oz/a	DAY 0	94a	99a	98a	96a
	Agri-dex	100%		L	1%	v/v			DAY 0				
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	7 DAP				
	Agri-dex	100%		L	1%	v/v			7 DAP				
9	NONTREATED									0c	0c	0c	0c
	LSD P=.05									4.6	7.2	3.8	4.5
	Standard Deviation									3.2	4.9	2.6	3.1
	CV									3.76	5.86	3.08	3.64
	Replicate F									1.746	0.284	1.055	1.026
	Replicate Prob(F)									0.1844	0.8368	0.3865	0.3985
	Treatment F									413.296	172.793	625.038	435.661
	Treatment Prob(F)									0.0001	0.0001	0.0001	0.0001

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Provisia Applied at Different Timings Before and After Permit Application

Trial ID:C16-06 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-06 Investigator:Eric P. Webster

Pest Code								ORYSA	ORYSA	RICE	RICE
Rating Date								Jul-20-2016	Aug-10-2016	Jul-6-2016	Jul-20-2016
Rating Type								CONTROL	CONTROL	INJURY	INJURY
Rating Unit								%	%	%	%
Trt-Eval Interval								30 DA 7DAP	55 DA 7 DAP	16 DA 7 DAP	30 DA 7 DAP
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage				
1	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	7 DBP	97a	99a	0a	0a
	Agri-dex	100%		L	1%	v/v			7 DBP				
	Permit	75%		WG	0.047	lb ai/a	1	oz/a	DAY 0				
	Agri-dex	100%		L	1%	v/v			DAY 0				
2	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3 DBP	99a	95a	0a	0a
	Agri-dex	100%		L	1%	v/v			3 DBP				
	Permit	75%		WG	0.047	lb ai/a	1	oz/a	DAY 0				
	Agri-dex	100%		L	1%	v/v			DAY 0				
3	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	1 DBP	98a	99a	0a	0a
	Agri-dex	100%		L	1%	v/v			1 DBP				
	Permit	75%		WG	0.047	lb ai/a	1	oz/a	DAY 0				
	Agri-dex	100%		L	1%	v/v			DAY 0				
4	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	DAY 0	96a	99a	0a	0a
	Agri-dex	100%		L	1%	v/v			DAY 0				
5	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	DAY 0	98a	98a	0a	0a
	Permit	75%		WG	0.047	lb ai/a	1	oz/a	DAY 0				
	Agri-dex	100%		L	1%	v/v			DAY 0				
6	Permit	75%		WG	0.047	lb ai/a	1	oz/a	DAY 0	98a	96a	0a	0a
	Agri-dex	100%		L	1%	v/v			DAY 0				
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	1 DAP				
	Agri-dex	100%		L	1%	v/v			1 DAP				
7	Permit	75%		WG	0.047	lb ai/a	1	oz/a	DAY 0	79b	74b	0a	0a
	Agri-dex	100%		L	1%	v/v			DAY 0				
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3 DAP				
	Agri-dex	100%		L	1%	v/v			3 DAP				
8	Permit	75%		WG	0.047	lb ai/a	1	oz/a	DAY 0	99a	97a	0a	0a
	Agri-dex	100%		L	1%	v/v			DAY 0				
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	7 DAP				
	Agri-dex	100%		L	1%	v/v			7 DAP				
9	NONTREATED									0c	0c	0a	0a
LSD P=.05										2.8	7.4	.	.
Standard Deviation										1.9	5.1	0.0	0.0
CV										2.28	6.07	0.0	0.0
Replicate F										0.543	0.198	0.000	0.000
Replicate Prob(F)										0.6577	0.8965	1.0000	1.0000
Treatment F										1122.353	162.349	0.000	0.000
Treatment Prob(F)										0.0001	0.0001	1.0000	1.0000

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Provisia Applied at Different Timings Before and After Permit Application

Trial ID:C16-06 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-06 Investigator:Eric P. Webster

Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	RICE Aug-10-2016 INJURY % 55 DA 7 DAP	RICE Sep-6-2016 HEIGHT CM AT HARVEST	RICE Sep-6-2016 HEIGHT CM AT HARVEST	RICE Sep-6-2016 HEIGHT CM AT HARVEST
1	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	7 DBP	0a	99abc	99ab	97ab
	Agri-dex	100%		L	1%	v/v			7 DBP				
	Permit	75%		WG	0.047	lb ai/a	1	oz/a	DAY 0				
	Agri-dex	100%		L	1%	v/v			DAY 0				
2	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3 DBP	0a	99ab	102a	100a
	Agri-dex	100%		L	1%	v/v			3 DBP				
	Permit	75%		WG	0.047	lb ai/a	1	oz/a	DAY 0				
	Agri-dex	100%		L	1%	v/v			DAY 0				
3	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	1 DBP	0a	100a	99ab	100a
	Agri-dex	100%		L	1%	v/v			1 DBP				
	Permit	75%		WG	0.047	lb ai/a	1	oz/a	DAY 0				
	Agri-dex	100%		L	1%	v/v			DAY 0				
4	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	DAY 0	0a	96abc	99ab	99ab
	Agri-dex	100%		L	1%	v/v			DAY 0				
5	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	DAY 0	0a	93abc	97abc	93bc
	Permit	75%		WG	0.047	lb ai/a	1	oz/a	DAY 0				
	Agri-dex	100%		L	1%	v/v			DAY 0				
6	Permit	75%		WG	0.047	lb ai/a	1	oz/a	DAY 0	0a	97abc	99ab	100a
	Agri-dex	100%		L	1%	v/v			DAY 0				
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	1 DAP				
	Agri-dex	100%		L	1%	v/v			1 DAP				
7	Permit	75%		WG	0.047	lb ai/a	1	oz/a	DAY 0	0a	92c	92c	90c
	Agri-dex	100%		L	1%	v/v			DAY 0				
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3 DAP				
	Agri-dex	100%		L	1%	v/v			3 DAP				
8	Permit	75%		WG	0.047	lb ai/a	1	oz/a	DAY 0	0a	95abc	96abc	99ab
	Agri-dex	100%		L	1%	v/v			DAY 0				
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	7 DAP				
	Agri-dex	100%		L	1%	v/v			7 DAP				
9	NONTREATED									0a	92bc	95bc	95abc
LSD P=.05										.	7.4	5.8	6.6
Standard Deviation										0.0	5.0	4.0	4.5
CV										0.0	5.27	4.08	4.65
Replicate F										0.000	2.462	1.864	1.413
Replicate Prob(F)										1.0000	0.0870	0.1626	0.2632
Treatment F										0.000	1.527	2.051	2.612
Treatment Prob(F)										1.0000	0.1999	0.0831	0.0328

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Provisia Applied at Different Timings Before and After Permit Application

Trial ID:C16-06 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-06 Investigator:Eric P. Webster

Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	RICE Sep-6-2016 HEIGHT CM AT HARVEST	RICE Sep-6-2016 AVG HEIGHT CM AT HARVEST	RICE Sep-6-2016 MOISTURE % AT HARVEST	RICE Sep-6-2016 YIELD g AT HARVEST
1	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	7 DBP	101a	99abc	18.2a	1554a
	Agri-dex	100%		L	1%	v/v			7 DBP				
	Permit	75%		WG	0.047	lb ai/a	1	oz/a	DAY 0				
	Agri-dex	100%		L	1%	v/v			DAY 0				
2	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3 DBP	100a	100a	18.2a	1514a
	Agri-dex	100%		L	1%	v/v			3 DBP				
	Permit	75%		WG	0.047	lb ai/a	1	oz/a	DAY 0				
	Agri-dex	100%		L	1%	v/v			DAY 0				
3	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	1 DBP	101a	100ab	18.2a	1303a
	Agri-dex	100%		L	1%	v/v			1 DBP				
	Permit	75%		WG	0.047	lb ai/a	1	oz/a	DAY 0				
	Agri-dex	100%		L	1%	v/v			DAY 0				
4	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	DAY 0	97ab	98abc	18.2a	1007b
	Agri-dex	100%		L	1%	v/v			DAY 0				
5	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	DAY 0	95ab	94cd	18.2a	1557a
	Permit	75%		WG	0.047	lb ai/a	1	oz/a	DAY 0				
	Agri-dex	100%		L	1%	v/v			DAY 0				
6	Permit	75%		WG	0.047	lb ai/a	1	oz/a	DAY 0	97ab	98abc	18.2a	1345a
	Agri-dex	100%		L	1%	v/v			DAY 0				
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	1 DAP				
	Agri-dex	100%		L	1%	v/v			1 DAP				
7	Permit	75%		WG	0.047	lb ai/a	1	oz/a	DAY 0	93b	91d	18.2a	706cd
	Agri-dex	100%		L	1%	v/v			DAY 0				
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3 DAP				
	Agri-dex	100%		L	1%	v/v			3 DAP				
8	Permit	75%		WG	0.047	lb ai/a	1	oz/a	DAY 0	96ab	96a-d	18.2a	947bc
	Agri-dex	100%		L	1%	v/v			DAY 0				
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	7 DAP				
	Agri-dex	100%		L	1%	v/v			7 DAP				
9	NONTREATED									97ab	95bcd	18.2a	596d
LSD P=.05										6.8	5.2	.	284.4
Standard Deviation										4.7	3.6	0.00	194.8
CV										4.8	3.7	0.0	16.66
Replicate F										2.660	2.148	0.000	0.520
Replicate Prob(F)										0.0710	0.1206	1.0000	0.6725
Treatment F										1.332	2.541	0.000	14.293
Treatment Prob(F)										0.2756	0.0368	1.0000	0.0001

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Provisia Applied at Different Timings Before and After Permit Application

Trial ID:C16-06 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-06 Investigator:Eric P. Webster

Pest Code								RICE	RICE
Rating Date								Sep-6-2016	Sep-6-2016
Rating Type								YIELD	YIELD
Rating Unit								LB/A	KG/HA
Trt-Eval Interval								AT HARVEST	AT HARVEST
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage		
1	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	7 DBP	3747a	4462a
	Agri-dex	100%		L	1%	v/v			7 DBP		
	Permit	75%		WG	0.047	lb ai/a	1	oz/a	DAY 0		
	Agri-dex	100%		L	1%	v/v			DAY 0		
2	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3 DBP	3649a	4346a
	Agri-dex	100%		L	1%	v/v			3 DBP		
	Permit	75%		WG	0.047	lb ai/a	1	oz/a	DAY 0		
	Agri-dex	100%		L	1%	v/v			DAY 0		
3	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	1 DBP	3141a	3741a
	Agri-dex	100%		L	1%	v/v			1 DBP		
	Permit	75%		WG	0.047	lb ai/a	1	oz/a	DAY 0		
	Agri-dex	100%		L	1%	v/v			DAY 0		
4	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	DAY 0	2429b	2893b
	Agri-dex	100%		L	1%	v/v			DAY 0		
5	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	DAY 0	3754a	4472a
	Permit	75%		WG	0.047	lb ai/a	1	oz/a	DAY 0		
	Agri-dex	100%		L	1%	v/v			DAY 0		
6	Permit	75%		WG	0.047	lb ai/a	1	oz/a	DAY 0	3244a	3862a
	Agri-dex	100%		L	1%	v/v			DAY 0		
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	1 DAP		
	Agri-dex	100%		L	1%	v/v			1 DAP		
7	Permit	75%		WG	0.047	lb ai/a	1	oz/a	DAY 0	1701cd	2026cd
	Agri-dex	100%		L	1%	v/v			DAY 0		
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3 DAP		
	Agri-dex	100%		L	1%	v/v			3 DAP		
8	Permit	75%		WG	0.047	lb ai/a	1	oz/a	DAY 0	2283bc	2719bc
	Agri-dex	100%		L	1%	v/v			DAY 0		
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	7 DAP		
	Agri-dex	100%		L	1%	v/v			7 DAP		
9	NONTREATED									1436d	1712d
LSD P=.05										685.6	815.1
Standard Deviation										469.8	558.5
CV										16.66	16.63
Replicate F										0.520	0.465
Replicate Prob(F)										0.6725	0.7091
Treatment F										14.293	14.336
Treatment Prob(F)										0.0001	0.0001

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Provisia Applied at Different Timings Before and After RiceBeaux Application

Experiment number	**C16-07**
Location.....	RRS-Crowley, LA
Experimental design	RCB
Number of reps.....	4
Plot size.....	5'x17'
Row width/# per plot	7.5"/8
Soil type	Crowley silt loam (3% sand, 69% silt, 28% clay)
% OM	1.4
pH	6.4
CEC.....	19.1
Crop/Variety	Provisia
Planting date	5/10/16
Emergence date	5/22/16
Harvest date	9/6/16

Application type	7 Days Before RiceBeaux	3 Days Before RiceBeaux
Date applied [mm/dd/yy]	6/6/16	6/10/16
Time [hh:mm-hh:mm]	1:12-1:15p	12:20-12:25p
Air/Soil temperature [F].....	85/83	84/83
Relative humidity [%]	65%	76%
Wind [mph, direction].....	4-7, NE	6-8, ESE
Weather [sunny, etc].....	sunny	pt. cloudy
Soil/Leaf surface moist	wet/dry	dry/dry
Crop stage/Height.....	3-4lf/4-6"	3-4lf/6-8"
Sprayer type/MPH	BKPK/3.0	BKPK/3.0
Nozzle type/Size*	FF/110015	FF/110015
Boom ht/# Noz/Spacing	15/5/15	15/5/15
GPA/PSI.....	15/21	15/21
Applied by.....	SYR	SYR

Weed Species (population)..:	----------(height/#leaves)----------	
ECHCG(15-100m^{-2})	4-6"/4-5lf	4-8"/3-6lf
ORYSA(5-30m^{-2})	4-6"/3-4lf	6-8"/3-4lf
CL111(20-50m^{-2})	4-6"/3-4lf	6-8"/3-4lf
CLXL745(3-50m^{-2})	4-6"/3-4lf	6-8"/3-4lf

Flush Dates	5/12/16
Permanent Flood	6/16/16

*AMFF – Air mix flat fan nozzles

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Provisia Applied at Different Timings Before and After RiceBeaux Application

Experiment number	**C16-07**
Location.....	RRS-Crowley, LA
Experimental design	RCB
Number of reps.....	4
Plot size.....	5'x17'
Row width/# per plot	7.5"/8
Soil type	Crowley silt loam (3% sand, 69% silt, 28% clay)
% OM	1.4
pH	6.4
CEC.....	19.1
Crop/Variety	Provisia
Planting date	5/10/16
Emergence date	5/22/16
Harvest date	9/6/16

Application type	1 Day Before RiceBeaux	Day 0
Date applied [mm/dd/yy]	6/12/16	6/13/16
Time [hh:mm-hh:mm]	12:45-12:55p	9:30-9:40a
Air/Soil temperature [F].....	88/87	76/82
Relative humidity [%]	71%	84%
Wind [mph, direction].....	2-4, S	6-8, E
Weather [sunny, etc].....	cloudy	cloudy
Soil/Leaf surface moist	dry/dry	wet/dry
Crop stage/Height.....	3-4lf/6-8"	4-5lf/6-8"
Sprayer type/MPH	BKPK/3.0	BKPK/3.0
Nozzle type/Size*	FF/110015	FF/110015
Boom ht/# Noz/Spacing	15/5/15	15/5/15
GPA/PSI.....	15/21	15/21
Applied by.....	SYR	BMM

Weed Species (population)..:	----------(height/#leaves)----------	
ECHCG(20-75m^{-2})	4-10"/4-6lf	4-8"/3-5lf
ORYZA(20-30m^{-2}).....	6-8"/3-4lf	6-8"/4-5lf
CL111(20-30m^{-2})	6-8"/3-4lf	6-8"/4-5lf
CLXL745(20-30m^{-2})	6-8"/3-4lf	6-8"/4-5lf

Flush Dates	5/12/16
Permanent Flood	6/16/16

*AMFF – Air mix flat fan nozzles

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School of Plant, Environmental and Soil Sciences

Provisia Applied at Different Timings Before and After RiceBeaux Application

Experiment number	**C16-07**
Location.....	RRS-Crowley, LA
Experimental design	RCB
Number of reps.....	4
Plot size.....	5'x17'
Row width/# per plot	7.5"/8
Soil type	Crowley silt loam (3% sand, 69% silt, 28% clay)
% OM	1.4
pH	6.4
CEC.....	19.1
Crop/Variety	Provsia
Planting date	5/10/16
Emergence date	5/22/16
Harvest date	9/6/16

Application type	1 Day After RiceBeaux	3 Days After RiceBeaux
Date applied [mm/dd/yy]	6/14/16	6/16/16
Time [hh:mm-hh:mm]	9:35-9:40a	12:20-12:25p
Air/Soil temperature [F].....	79/80	92/90
Relative humidity [%]	93%	58%
Wind [mph, direction].....	6-8, S	5-7, WSW
Weather [sunny, etc].....	sunny	pt. cloudy
Soil/Leaf surface moist	wet/dry	flood/dry
Crop stage/Height.....	4-5lf/8-10"	5lf-1-2till
Sprayer type/MPH	BKPK/3.0	BKPK/3.0
Nozzle type/Size*	FF/110015	FF/110015
Boom ht/# Noz/Spacing	15/5/15	15/5/15
GPA/PSI	15/21	15/22
Applied by.....	SYR	BMM

Weed Species (population)..:	----------(height/#leaves)----------	
ECHCG(20-75m^{-2})	4-10"/3lf-1till	4-10"/3lf-1till
ORYZA(20-30m^{-2}).....	8-10"/4-5lf	8-10"/4-5lf
CL111(20-30m^{-2})	8-10"/4-5lf	8-10"/4-5lf
CLXL745(20-30m^{-2})	8-10"/4-5lf	8-10"/4-5lf
LEFPA(10-20m^{-2}).....	6-12"/4-5lf	6-12"/4-5lf

Flush Dates	5/12/16
Permanent Flood	6/16/16

*AMFF – Air mix flat fan nozzles

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School of Plant, Environmental and Soil Sciences

Provisia Applied at Different Timings Before and After RiceBeaux Application

Experiment number .....: **C16-07**
Location.....: RRS-Crowley, LA
Experimental design .....: RCB
Number of reps.....: 4
Plot size.....: 5'x17'
Row width/# per plot .....: 7.5"/8
Soil type .....: Crowley silt loam (3% sand, 69% silt, 28% clay)
% OM .....: 1.4
pH .....: 6.4
CEC.....: 19.1
Crop/Variety .....: Provisia
Planting date .....: 5/10/16
Emergence date .....: 5/22/16
Harvest date .....: 9/6/16

Application type .....: 7 Days After RiceBeaux
Date applied [mm/dd/yy] .....: 6/20/16
Time [hh:mm-hh:mm] .....: 10:52-10:53a
Air/Soil temperature [F].....: 86/85
Relative humidity [%] .....: 70%
Wind [mph, direction] .....: 2-5, NE
Weather [sunny, etc].....: sunny
Soil/Leaf surface moist .....: flood/dry
Crop stage/Height.....: 1-2till/10-14"
Sprayer type/MPH .....: BKPK/3.0
Nozzle type/Size* .....: FF/110015
Boom ht/# Noz/Spacing .....: 15/5/15
GPA/PSI.....: 15/21
Applied by.....: SYR

Weed Species (population)..:- (height/#leaves) -
ECHCG(5-7m^{-2}) .....: 8-16"/1-2till-head
ORYZA(20-30m^{-2}).....: 10-14"/1-2till
CL111(20-30m^{-2}) .....: 10-14"/1-2till
CLXL745(20-30m^{-2}) .....: 10-14"/1-2till
LEFPA(10-20m^{-2}).....: 8-16"/1-2till

Flush Dates .....: 5/12/16
Permanent Flood .....: 8/6/16

*AMFF – Air mix flat fan nozzles

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Provisia Applied at Different Timings Before and After RiceBeaux Application

Trial ID:C16-07 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-07 Investigator:Eric P. Webster

Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	ECHCG Jul-6-2016 CONTROL % 16 DA 7DAR	ECHCG Jul-20-2016 CONTROL % 30 DA 7 DAR	ECHCG Aug-10-2016 CONTROL % 51 DA 7 DAR	LEFPA Jul-6-2016 CONTROL % 16 DA 7DAR
1	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	7 DBR	96a	98a	97ab	91ab
	Agri-dex	100%		L	1%	v/v			7 DBR				
	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	DAY 0				
	Agri-dex	100%		L	1%	v/v			DAY 0				
2	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3 DBR	97a	98a	97ab	69b
	Agri-dex	100%		L	1%	v/v			3 DBR				
	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	DAY 0				
	Agri-dex	100%		L	1%	v/v			DAY 0				
3	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	1 DBR	93ab	98a	92b	95a
	Agri-dex	100%		L	1%	v/v			1 DBR				
	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	DAY 0				
	Agri-dex	100%		L	1%	v/v			DAY 0				
4	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	DAY 0	96a	98a	99a	97a
	Agri-dex	100%		L	1%	v/v			DAY 0				
5	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	DAY 0	41d	51d	64d	78ab
	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	DAY 0				
	Agri-dex	100%		L	1%	v/v			DAY 0				
6	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	DAY 0	49d	64c	64d	78ab
	Agri-dex	100%		L	1%	v/v			DAY 0				
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	1 DAR				
	Agri-dex	100%		L	1%	v/v			1 DAR				
7	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	DAY 0	65c	74b	69d	75ab
	Agri-dex	100%		L	1%	v/v			DAY 0				
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3 DAR				
	Agri-dex	100%		L	1%	v/v			3 DAR				
8	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	DAY 0	85b	95a	86c	93a
	Agri-dex	100%		L	1%	v/v			DAY 0				
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	7 DAR				
	Agri-dex	100%		L	1%	v/v			7 DAR				
9	NONTREATED									0e	0e	0e	0c
LSD P=.05										9.0	7.1	5.8	22.8
Standard Deviation										6.2	4.9	4.0	15.6
CV										8.98	6.48	5.35	20.83
Replicate F										0.498	2.571	1.400	0.977
Replicate Prob(F)										0.6870	0.0778	0.2671	0.4201
Treatment F										117.000	186.427	248.780	14.606
Treatment Prob(F)										0.0001	0.0001	0.0001	0.0001

Means followed by same letter or symbol do not significantly differ (P=.05, LSD)
Could not calculate LSD (% mean diff) for columns 16,17,18,24 because error mean square = 0.

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Provisia Applied at Different Timings Before and After RiceBeaux Application

Trial ID:C16-07 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-07 Investigator:Eric P. Webster

Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	LEFPA	LEFPA	CL111	CL111
Pest Code										LEFPA	LEFPA	CL111	CL111
Rating Date										Jul-20-2016	Aug-10-2016	Jul-6-2016	Jul-20-2016
Rating Type										CONTROL	CONTROL	CONTROL	CONTROL
Rating Unit										%	%	%	%
Trt-Eval Interval										30 DA 7 DAR	51 DA 7 DAR	16 DA 7DAR	30 DA 7 DAR
1	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	7 DBR	99ab	97a	79bc	90abc
	Agri-dex	100%		L	1%	v/v			7 DBR				
	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	DAY 0				
	Agri-dex	100%		L	1%	v/v			DAY 0				
2	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3 DBR	99ab	98a	93ab	98ab
	Agri-dex	100%		L	1%	v/v			3 DBR				
	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	DAY 0				
	Agri-dex	100%		L	1%	v/v			DAY 0				
3	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	1 DBR	98ab	95ab	96a	97ab
	Agri-dex	100%		L	1%	v/v			1 DBR				
	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	DAY 0				
	Agri-dex	100%		L	1%	v/v			DAY 0				
4	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	DAY 0	98ab	99a	98a	99a
	Agri-dex	100%		L	1%	v/v			DAY 0				
5	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	DAY 0	98ab	77c	74c	88bc
	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	DAY 0				
	Agri-dex	100%		L	1%	v/v			DAY 0				
6	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	DAY 0	95c	71c	65c	86c
	Agri-dex	100%		L	1%	v/v			DAY 0				
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	1 DAR				
	Agri-dex	100%		L	1%	v/v			1 DAR				
7	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	DAY 0	95bc	77c	36d	38d
	Agri-dex	100%		L	1%	v/v			DAY 0				
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3 DAR				
	Agri-dex	100%		L	1%	v/v			3 DAR				
8	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	DAY 0	99a	89b	92ab	97abc
	Agri-dex	100%		L	1%	v/v			DAY 0				
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	7 DAR				
	Agri-dex	100%		L	1%	v/v			7 DAR				
9	NONTREATED									0d	0d	0e	0e
LSD P=.05										3.7	7.0	15.9	10.8
Standard Deviation										2.5	4.8	10.9	7.4
CV										2.94	6.13	15.52	9.65
Replicate F										0.513	1.140	0.330	0.212
Replicate Prob(F)										0.6773	0.3529	0.8034	0.8870
Treatment F										651.577	168.549	36.168	86.936
Treatment Prob(F)										0.0001	0.0001	0.0001	0.0001

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Provisia Applied at Different Timings Before and After RiceBeaux Application

Trial ID:C16-07 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-07 Investigator:Eric P. Webster

Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	CL111	CLXL745	CLXL745	CLXL745
Pest Code										CL111	CLXL745	CLXL745	CLXL745
Rating Date										Aug-10-2016	Jul-6-2016	Jul-20-2016	Aug-10-2016
Rating Type										CONTROL	CONTROL	CONTROL	CONTROL
Rating Unit										%	%	%	%
Trt-Eval Interval										51 DA 7 DAR	16 DA 7DAR	30 DA 7 DAR	51 DA 7 DAR
1	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	7 DBR	95ab	95a	92ab	95ab
	Agri-dex	100%		L	1%	v/v			7 DBR				
	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	DAY 0				
	Agri-dex	100%		L	1%	v/v			DAY 0				
2	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3 DBR	97a	94a	99a	97a
	Agri-dex	100%		L	1%	v/v			3 DBR				
	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	DAY 0				
	Agri-dex	100%		L	1%	v/v			DAY 0				
3	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	1 DBR	91bc	97a	98a	91bc
	Agri-dex	100%		L	1%	v/v			1 DBR				
	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	DAY 0				
	Agri-dex	100%		L	1%	v/v			DAY 0				
4	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	DAY 0	99a	98a	98a	99a
	Agri-dex	100%		L	1%	v/v			DAY 0				
5	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	DAY 0	85d	81b	83b	80e
	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	DAY 0				
	Agri-dex	100%		L	1%	v/v			DAY 0				
6	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	DAY 0	85d	79b	84b	85de
	Agri-dex	100%		L	1%	v/v			DAY 0				
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	1 DAR				
	Agri-dex	100%		L	1%	v/v			1 DAR				
7	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	DAY 0	51e	56c	54c	64f
	Agri-dex	100%		L	1%	v/v			DAY 0				
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3 DAR				
	Agri-dex	100%		L	1%	v/v			3 DAR				
8	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	DAY 0	89cd	92a	96a	90cd
	Agri-dex	100%		L	1%	v/v			DAY 0				
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	7 DAR				
	Agri-dex	100%		L	1%	v/v			7 DAR				
9	NONTREATED									0f	0d	0d	0g
LSD P=.05										5.4	8.8	11.3	5.0
Standard Deviation										3.7	6.0	7.8	3.5
CV										4.84	7.85	9.94	4.44
Replicate F										0.652	1.185	1.131	1.561
Replicate Prob(F)										0.5897	0.3365	0.3563	0.2247
Treatment F										298.285	110.289	70.274	324.215
Treatment Prob(F)										0.0001	0.0001	0.0001	0.0001

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Provisia Applied at Different Timings Before and After RiceBeaux Application

Trial ID:C16-07 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-07 Investigator:Eric P. Webster

Pest Code								ORYZA	ORYZA	ORYZA	RICE
Rating Date								Jul-6-2016	Jul-20-2016	Aug-10-2016	Jul-6-2016
Rating Type								CONTROL	CONTROL	CONTROL	INJURY
Rating Unit								%	%	%	%
Trt-Eval Interval								16 DA 7DAR	30 DA 7 DAR	51 DA 7 DAR	16 DA 7DAR
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage				
1	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	7 DBR	98a	92bcd	95abc	0a
	Agri-dex	100%		L	1%	v/v			7 DBR				
	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	DAY 0				
	Agri-dex	100%		L	1%	v/v			DAY 0				
2	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3 DBR	96ab	98ab	97ab	0a
	Agri-dex	100%		L	1%	v/v			3 DBR				
	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	DAY 0				
	Agri-dex	100%		L	1%	v/v			DAY 0				
3	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	1 DBR	96ab	98ab	92bc	0a
	Agri-dex	100%		L	1%	v/v			1 DBR				
	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	DAY 0				
	Agri-dex	100%		L	1%	v/v			DAY 0				
4	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	DAY 0	98a	99a	99a	0a
	Agri-dex	100%		L	1%	v/v			DAY 0				
5	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	DAY 0	81d	87d	84d	0a
	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	DAY 0				
	Agri-dex	100%		L	1%	v/v			DAY 0				
6	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	DAY 0	86cd	90cd	84d	0a
	Agri-dex	100%		L	1%	v/v			DAY 0				
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	1 DAR				
	Agri-dex	100%		L	1%	v/v			1 DAR				
7	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	DAY 0	69e	70e	66e	0a
	Agri-dex	100%		L	1%	v/v			DAY 0				
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3 DAR				
	Agri-dex	100%		L	1%	v/v			3 DAR				
8	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	DAY 0	90bc	97abc	91c	0a
	Agri-dex	100%		L	1%	v/v			DAY 0				
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	7 DAR				
	Agri-dex	100%		L	1%	v/v			7 DAR				
9	NONTREATED									0f	0f	0f	0a
LSD P=.05										6.0	7.0	5.6	.
Standard Deviation										4.1	4.8	3.8	0.0
CV										5.19	5.89	4.84	0.0
Replicate F										0.600	1.165	0.793	0.000
Replicate Prob(F)										0.6214	0.3438	0.5098	1.0000
Treatment F										229.864	175.907	266.262	0.000
Treatment Prob(F)										0.0001	0.0001	0.0001	1.0000

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Provisia Applied at Different Timings Before and After RiceBeaux Application

Trial ID:C16-07 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-07 Investigator:Eric P. Webster

Pest Code								RICE	RICE	RICE	RICE
Rating Date								Jul-20-2016	Aug-10-2016	Sep-6-2016	Sep-6-2016
Rating Type								INJURY	INJURY	HEIGHT	HEIGHT
Rating Unit								%	%	CM	CM
Trt-Eval Interval								30 DA 7 DAR	51 DA 7 DAR	AT HARVEST	AT HARVEST
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage				
1	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	7 DBR	0a	0a	99a	100a
	Agri-dex	100%		L	1%	v/v			7 DBR				
	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	DAY 0				
	Agri-dex	100%		L	1%	v/v			DAY 0				
2	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3 DBR	0a	0a	99a	99a
	Agri-dex	100%		L	1%	v/v			3 DBR				
	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	DAY 0				
	Agri-dex	100%		L	1%	v/v			DAY 0				
3	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	1 DBR	0a	0a	100a	101a
	Agri-dex	100%		L	1%	v/v			1 DBR				
	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	DAY 0				
	Agri-dex	100%		L	1%	v/v			DAY 0				
4	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	DAY 0	0a	0a	92bc	96ab
	Agri-dex	100%		L	1%	v/v			DAY 0				
5	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	DAY 0	0a	0a	99a	98ab
	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	DAY 0				
	Agri-dex	100%		L	1%	v/v			DAY 0				
6	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	DAY 0	0a	0a	100a	98ab
	Agri-dex	100%		L	1%	v/v			DAY 0				
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	1 DAR				
	Agri-dex	100%		L	1%	v/v			1 DAR				
7	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	DAY 0	0a	0a	102a	100a
	Agri-dex	100%		L	1%	v/v			DAY 0				
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3 DAR				
	Agri-dex	100%		L	1%	v/v			3 DAR				
8	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	DAY 0	0a	0a	98ab	98ab
	Agri-dex	100%		L	1%	v/v			DAY 0				
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	7 DAR				
	Agri-dex	100%		L	1%	v/v			7 DAR				
9	NONTREATED									0a	0a	90c	90b
LSD P=.05										.	.	6.4	8.5
Standard Deviation										0.0	0.0	4.4	5.8
CV										0.0	0.0	4.5	5.93
Replicate F										0.000	0.000	3.378	1.295
Replicate Prob(F)										1.0000	1.0000	0.0348	0.2990
Treatment F										0.000	0.000	3.265	1.256
Treatment Prob(F)										1.0000	1.0000	0.0116	0.3113

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Provisia Applied at Different Timings Before and After RiceBeaux Application

Trial ID:C16-07 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-07 Investigator:Eric P. Webster

Pest Code								RICE	RICE	RICE	RICE
Rating Date								Sep-6-2016	Sep-6-2016	Sep-6-2016	Sep-6-2016
Rating Type								HEIGHT	HEIGHT	AVG HEIGHT	MOISTURE
Rating Unit								CM	CM	CM	%
Trt-Eval Interval								AT HARVEST	AT HARVEST	AT HARVEST	AT HARVEST
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage				
1	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	7 DBR	103a	96a	99ab	18.2a
	Agri-dex	100%		L	1%	v/v			7 DBR				
	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	DAY 0				
	Agri-dex	100%		L	1%	v/v			DAY 0				
2	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3 DBR	98ab	99a	98ab	18.2a
	Agri-dex	100%		L	1%	v/v			3 DBR				
	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	DAY 0				
	Agri-dex	100%		L	1%	v/v			DAY 0				
3	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	1 DBR	101ab	100a	100a	18.2a
	Agri-dex	100%		L	1%	v/v			1 DBR				
	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	DAY 0				
	Agri-dex	100%		L	1%	v/v			DAY 0				
4	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	DAY 0	99ab	92ab	95bc	18.2a
	Agri-dex	100%		L	1%	v/v			DAY 0				
5	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	DAY 0	97b	96a	97ab	18.2a
	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	DAY 0				
	Agri-dex	100%		L	1%	v/v			DAY 0				
6	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	DAY 0	98ab	100a	99ab	18.2a
	Agri-dex	100%		L	1%	v/v			DAY 0				
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	1 DAR				
	Agri-dex	100%		L	1%	v/v			1 DAR				
7	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	DAY 0	100ab	99a	100a	18.2a
	Agri-dex	100%		L	1%	v/v			DAY 0				
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3 DAR				
	Agri-dex	100%		L	1%	v/v			3 DAR				
8	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	DAY 0	100ab	99a	99ab	18.2a
	Agri-dex	100%		L	1%	v/v			DAY 0				
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	7 DAR				
	Agri-dex	100%		L	1%	v/v			7 DAR				
9	NONTREATED									99ab	86b	91c	18.2a
LSD P=.05										5.4	8.2	5.1	.
Standard Deviation										3.7	5.6	3.5	0.00
CV										3.72	5.81	3.6	0.0
Replicate F										4.739	1.566	2.528	0.000
Replicate Prob(F)										0.0098	0.2236	0.0813	1.0000
Treatment F										0.876	2.730	2.883	0.000
Treatment Prob(F)										0.5501	0.0271	0.0212	1.0000

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Provisia Applied at Different Timings Before and After RiceBeaux Application

Trial ID:C16-07 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-07 Investigator:Eric P. Webster

Pest Code								RICE	RICE	RICE
Rating Date								Sep-6-2016	Sep-6-2016	Sep-6-2016
Rating Type								YIELD	YIELD	YIELD
Rating Unit								g	LB	KG/HA
Trt-Eval Interval								AT HARVEST	AT HARVEST	AT HARVEST
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
1	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	7 DBR	1438ab	3804ab	4263ab
	Agri-dex	100%		L	1%	v/v			7 DBR			
	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	DAY 0			
	Agri-dex	100%		L	1%	v/v			DAY 0			
2	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3 DBR	1469a	3884a	4353a
	Agri-dex	100%		L	1%	v/v			3 DBR			
	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	DAY 0			
	Agri-dex	100%		L	1%	v/v			DAY 0			
3	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	1 DBR	1256abc	3321abc	3723abc
	Agri-dex	100%		L	1%	v/v			1 DBR			
	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	DAY 0			
	Agri-dex	100%		L	1%	v/v			DAY 0			
4	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	DAY 0	849d	2247d	2518d
	Agri-dex	100%		L	1%	v/v			DAY 0			
5	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	DAY 0	1185bc	3135bc	3514bc
	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	DAY 0			
	Agri-dex	100%		L	1%	v/v			DAY 0			
6	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	DAY 0	1259abc	3331abc	3733abc
	Agri-dex	100%		L	1%	v/v			DAY 0			
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	1 DAR			
	Agri-dex	100%		L	1%	v/v			1 DAR			
7	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	DAY 0	1117c	2955c	3312c
	Agri-dex	100%		L	1%	v/v			DAY 0			
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3 DAR			
	Agri-dex	100%		L	1%	v/v			3 DAR			
8	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	DAY 0	1246abc	3294abc	3692abc
	Agri-dex	100%		L	1%	v/v			DAY 0			
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	7 DAR			
	Agri-dex	100%		L	1%	v/v			7 DAR			
9	NONTREATED									379e	1002e	1124e
LSD P=.05										259.5	687.9	771.1
Standard Deviation										177.8	471.4	528.4
CV										15.69	15.73	15.73
Replicate F										5.729	5.905	5.905
Replicate Prob(F)										0.0042	0.0036	0.0036
Treatment F										14.248	14.185	14.185
Treatment Prob(F)										0.0001	0.0001	0.0001

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Provisia Application Timing in Water-Seeded Rice with a Delayed Flood

Experiment number .....: **C16-08**
Location.....: RRS-Crowley, LA
Experimental design .....: RCB
Number of reps.....: 4
Plot size.....: 5'x17'
Row width/# per plot .....: 7.5"/8
Soil type .....: Crowley silt loam (3% sand, 69% silt, 28% clay)
% OM .....: 1.4
pH .....: 6.4
CEC.....: 19.1
Crop/Variety .....: Provisia
Planting date .....: 5/10/16
Emergence date .....: 5/22/16
Harvest date .....: 9/6/16

Application type .....:	OVERSPRAY	PEGGING	2-3 LEAF	3-4 LEAF
Date applied [mm/dd/yy] .....:	5/30/16	5/30/16	6/9/16	6/12/16
Time [hh:mm-hh:mm] .....:	9:30-9:45a	1:15-1:20p	10:02-10:04a	12:55-1:03p
Air/Soil temperature [F].....:	76/75	87/89	84/85	88/87
Relative humidity [%] .....:	97%	64%	70%	71%
Wind [mph, direction].....:	4-6, N	1-2, WNW	4-6, NE	2-4, S
Weather [sunny, etc].....:	sunny	pt. cloudy	pt. cloudy	cloudy
Soil/Leaf surface moist .....:	dry/dry	dry/dry	dry/dry	dry/dry
Crop stage/Height.....:	1-2lf	NA/NA	2-3lf/4-6"	3-4lf/6-8"
Sprayer type/MPH .....:	BKPK/3.0	BKPK/3.0	BKPK/3.0	BKPK/3.0
Nozzle type/Size* .....:	FF/110015	FF/110015	FF/110015	FF/110015
Boom ht/# Noz/Spacing.....:	15/5/15	15/5/15	15/5/15	15/5/15
GPA/PSI.....:	15/21	15/21	15/21	20/15
Applied by.....:	SYR	SYR	BMM	SYR

Weed Species (population)..:	----------(height/#leaves)----------			
ECHCG(10-30m^{-2}) .....:		4-6"/3-4lf	4-8"/4-5lf	6-10"/3-5lf
BRAPP(5-10m^{-2}).....:		2-3"/1-2lf	4-6"/3-4lf	
ORYSA(5-10m^{-2}) .....:		2-3"/1-2lf	4-6"/2-3lf	6-8"/3-4lf

Flush Dates .....: 5/12/16
Permanent Flood .....: 6/16/16

*AMFF – Air mix flat fan nozzles

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Provisia Application Timing in Water-Seeded Rice with a Delayed Flood

Experiment number	**C16-08**
Location.....	RRS-Crowley, LA
Experimental design	RCB
Number of reps.....	4
Plot size.....	5'x17'
Row width/# per plot	7.5"/8
Soil type	Crowley silt loam (3% sand, 69% silt, 28% clay)
% OM	1.4
pH	6.4
CEC.....	19.1
Crop/Variety	Provisia
Planting date	5/10/16
Emergence date	5/22/16
Harvest date	9/6/16

Application type	2 Weeks After Pegging	4-5 LEAF	POSTFLOOD
Date applied [mm/dd/yy]	6/13/16	6/17/16	6/20/16
Time [hh:mm-hh:mm]	12:00-12:15p	10:25-10:28a	10:36-10:40a
Air/Soil temperature [F].....	74/82	74/82	86/85
Relative humidity [%]	84%	84%	70%
Wind [mph, direction].....	6-8, E	6-8, E	3-7, ENE
Weather [sunny, etc].....	cloudy	cloudy	sunny
Soil/Leaf surface moist	wet/dry	wet/dry	flood/dry
Crop stage/Height.....	4-5lf/6-8"	4-5lf/6-8"	1-2till/10-12"
Sprayer type/MPH	BKPK/3.0	BKPK/3.0	BKPK/3.0
Nozzle type/Size*	FF/110015	FF/110015	FF/110015
Boom ht/# Noz/Spacing	15/5/15	15/5/15	15/5/15
GPA/PSI	15/21	15/21	15/21
Applied by.....	BMM	BMM	SYR

Weed Species (population)..:	----------(height/#leaves)----------		
ECHCG(15-20m^{-2})	4-8"/4-8lf	4-8"/4-8lf	6-10"/head
ORYZA(5-10m^{-2})	6-8"/4-5lf	6-8"/4-5lf	10-12"/1-2till

Flush Dates	5.12.16
Permanent Flood	6/16/16

*AMFF – Air mix flat fan nozzles

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Provisia Application Timing in Water-Seeded Rice with a Delayed Flood

Experiment number	**C16-08**
Location.....	RRS-Crowley, LA
Experimental design	RCB
Number of reps.....	4
Plot size.....	5'x17'
Row width/# per plot	7.5"/8
Soil type	Crowley silt loam (3% sand, 69% silt, 28% clay)
% OM	1.4
pH	6.4
CEC.....	19.1
Crop/Variety	Provisia
Planting date	5/10/16
Emergence date	5/22/16
Harvest date	9/6/16

Application type	2 Weeks After 2-3 LEAF	2 Weeks After 3-4 LEAF
Date applied [mm/dd/yy]	6/24/16	7/5/16
Time [hh:mm-hh:mm]	8:48-8:50a	12:20-12:30p
Air/Soil temperature [F].....	84/86	90/87
Relative humidity [%]	80%	62%
Wind [mph, direction].....	2-3, SE	6-8, SSW
Weather [sunny, etc].....	sunny	pt. cloudy
Soil/Leaf surface moist	flood/dry	flood/dry
Crop stage/Height.....	2-3till/12-16"	2-3till/18-22"
Sprayer type/MPH	BKPK/3.0	BKPK/3.0
Nozzle type/Size*	FF/110015	FF/110015
Boom ht/# Noz/Spacing	15/5/15	15/5/15
GPA/PSI	15/21	15/21
Applied by.....	SYR	SYR

Weed Species (population)..:	----------(height/#leaves)----------	
ECHCG(5-10m^{-2})	10-14"/2-3till	16-24"/3-4till-heading
ORYZA(3-5m^{-2})	12-14"/2-3till	18-22"/2-3tiller

Flush Dates	5/12/16
Permanent Flood	6/16/16

*AMFF – Air mix flat fan nozzles

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Provisia Application Timing in Water-Seeded Rice with a Delayed Flood

Experiment number	**C16-08**
Location.....	RRS-Crowley, LA
Experimental design	RCB
Number of reps.....	4
Plot size.....	5'x17'
Row width/# per plot	7.5"/8
Soil type	Crowley silt loam (3% sand, 69% silt, 28% clay)
% OM	1.4
pH	6.4
CEC.....	19.1
Crop/Variety	Provisia
Planting date	5/10/16
Emergence date	5/22/16
Harvest date	9/6/16

Application type	2 Weeks After POSTFLOOD	2 Weeks 4-5 LEAF
Date applied [mm/dd/yy]	7/5/16	7/5/16
Time [hh:mm-hh:mm]	12:20-12:30p	12:20-12:30p
Air/Soil temperature [F].....	90/87	90/87
Relative humidity [%]	62%	62%
Wind [mph, direction].....	6-8, SSW	6-8, SSW
Weather [sunny, etc].....	pt. cloudy	pt. cloudy
Soil/Leaf surface moist	flood/dry	flood/dry
Crop stage/Height.....	2-3till/18-22"	2-3till/18-22"
Sprayer type/MPH	BKPK/3.0	BKPK/3.0
Nozzle type/Size*	FF/110015	FF/110015
Boom ht/# Noz/Spacing	15/5/15	15/5/15
GPA/PSI	15/21	15/21
Applied by.....	SYR	SYR

Weed Species (population)..:	----------(height/#leaves)----------	
ECHCG(5-10m^{-2}).....	16-24"/3-4till-heading	16-24"/3-4till-heading
ORYZA(3-5m^{-2})	18-22"/2-3tiller	18-22"/2-3tiller

Flush Dates	5/12/16
Permanent Flood	6/16/16

*AMFF – Air mix flat fan nozzles

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Provisia Application Timing in Water-Seeded Rice with a Delayed Flood

Trial ID:C16-08 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-08 Investigator:Eric P. Webster

Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	ORYSA Jun-21-2016 CONTROL % 9 DA 3-4LF	ORYSA Jul-6-2016 CONTROL % 24 DA 3-4LF	ORYSA Jul-18-2016 CONTROL % 36 DA 3-4LF
1	Nontreated									0g	0f	0c
2	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	PEGG	95a	98a	98a
	Agri-Dex	100%		L	1%	v/v			PEGG			
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	2 WAA			
	Agri-Dex	100%		L	1%	v/v			2 WAA			
3	Provisia	0.88	LB/GAL	EC	0.086	lb ai/a	12.5	oz/a	PEGG	92ab	97a	98a
	Agri-Dex	100%		L	1%	v/v			PEGG			
	Provisia	0.88	LB/GAL	EC	0.127	lb ai/a	18.5	oz/a	2 WAA			
4	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	2-3 LEAF	91abc	96a	97a
	Agri-Dex	100%		L	1%	v/v			2-3 LEAF			
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	2 WAA			
	Agri-Dex	100%		L	1%	v/v			2 WAA			
5	Provisia	0.88	LB/GAL	EC	0.086	lb ai/a	12.5	oz/a	2-3 LEAF	92abc	97a	97a
	Agri-Dex	100%		L	1%	v/v			2-3 LEAF			
	Provisia	0.88	LB/GAL	EC	0.127	lb ai/a	18.5	oz/a	2 WAA			
	Agri-Dex	100%		L	1%	v/v			2 WAA			
6	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	84cd	98a	98a
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	2 WAA			
	Agri-Dex	100%		L	1%	v/v			2 WAA			
7	Provisia	0.88	LB/GAL	EC	0.086	lb ai/a	12.5	oz/a	3-4 LEAF	84bcd	97a	98a
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
	Provisia	0.88	LB/GAL	EC	0.127	lb ai/a	18.5	oz/a	2 WAA			
	Agri-Dex	100%		L	1%	v/v			2 WAA			
8	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	4-5 LEAF	77de	93b	96b
	Agri-Dex	100%		L	1%	v/v			4-5 LEAF			
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	2 WAA			
	Agri-Dex	100%		L	1%	v/v			2 WAA			
9	Provisia	0.88	LB/GAL	EC	0.086	lb ai/a	12.5	oz/a	4-5 LEAF	75e	89c	97a
	Agri-Dex	100%		L	1%	v/v			4-5 LEAF			
	Provisia	0.88	LB/GAL	EC	0.127	lb ai/a	18.5	oz/a	2 WAA			
	Agri-Dex	100%		L	1%	v/v			2 WAA			
10	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	POSTFLOOD	19f	83d	98a
	Agri-Dex	100%		L	1%	v/v			POSTFLOOD			
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	2 WAA			
	Agri-Dex	100%		L	1%	v/v			2 WAA			
11	Provisia	0.88	LB/GAL	EC	0.086	lb ai/a	12.5	oz/a	POSTFLOOD	13f	79e	98a
	Agri-Dex	100%		L	1%	v/v			POSTFLOOD			
	Provisia	0.88	LB/GAL	EC	0.127	lb ai/a	18.5	oz/a	2 WAA			
	Agri-Dex	100%		L	1%	v/v			2 WAA			
LSD P=.05										8.4	2.6	1.3
Standard Deviation										5.8	1.8	0.9
CV										8.87	2.18	1.02
Replicate F										1.275	2.423	1.000
Replicate Prob(F)										0.3008	0.0852	0.4064
Treatment F										155.171	981.817	4231.645
Treatment Prob(F)										0.0001	0.0001	0.0001

Means followed by same letter or symbol do not significantly differ (P=.05, LSD)
Could not calculate LSD (% mean diff) for columns 11,12,13,14 because error mean square = 0.

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Provisia Application Timing in Water-Seeded Rice with a Delayed Flood

Trial ID:C16-08 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-08 Investigator:Eric P. Webster

Pest Code								ORYSA	ECHCG	ECHCG
Rating Date								Aug-10-2016	Jun-21-2016	Jul-6-2016
Rating Type								CONTROL	CONTROL	CONTROL
Rating Unit								%	%	%
Trt-Eval Interval								59 DA 3-4LF	9 DA 3-4LF	24 DA 3-4LF
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
1	Nontreated									0d	0g	0d
2	Provisia	0.88LB/GAL		EC	0.107	lb ai/a	15.5oz/a		PEGG	98bc	94ab	98a
	Agri-Dex	100%		L	1%	v/v			PEGG			
	Provisia	0.88LB/GAL		EC	0.107	lb ai/a	15.5oz/a		2 WAA			
	Agri-Dex	100%		L	1%	v/v			2 WAA			
3	Provisia	0.88LB/GAL		EC	0.086	lb ai/a	12.5oz/a		PEGG	99abc	94a	98a
	Agri-Dex	100%		L	1%	v/v			PEGG			
	Provisia	0.88LB/GAL		EC	0.127	lb ai/a	18.5oz/a		2 WAA			
4	Provisia	0.88LB/GAL		EC	0.107	lb ai/a	15.5oz/a		2-3 LEAF	99ab	91ab	98a
	Agri-Dex	100%		L	1%	v/v			2-3 LEAF			
	Provisia	0.88LB/GAL		EC	0.107	lb ai/a	15.5oz/a		2 WAA			
	Agri-Dex	100%		L	1%	v/v			2 WAA			
5	Provisia	0.88LB/GAL		EC	0.086	lb ai/a	12.5oz/a		2-3 LEAF	99ab	89bc	98a
	Agri-Dex	100%		L	1%	v/v			2-3 LEAF			
	Provisia	0.88LB/GAL		EC	0.127	lb ai/a	18.5oz/a		2 WAA			
	Agri-Dex	100%		L	1%	v/v			2 WAA			
6	Provisia	0.88LB/GAL		EC	0.107	lb ai/a	15.5oz/a		3-4 LEAF	98c	84cd	95ab
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
	Provisia	0.88LB/GAL		EC	0.107	lb ai/a	15.5oz/a		2 WAA			
	Agri-Dex	100%		L	1%	v/v			2 WAA			
7	Provisia	0.88LB/GAL		EC	0.086	lb ai/a	12.5oz/a		3-4 LEAF	99abc	83d	99a
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
	Provisia	0.88LB/GAL		EC	0.127	lb ai/a	18.5oz/a		2 WAA			
	Agri-Dex	100%		L	1%	v/v			2 WAA			
8	Provisia	0.88LB/GAL		EC	0.107	lb ai/a	15.5oz/a		4-5 LEAF	99a	75e	86c
	Agri-Dex	100%		L	1%	v/v			4-5 LEAF			
	Provisia	0.88LB/GAL		EC	0.107	lb ai/a	15.5oz/a		2 WAA			
	Agri-Dex	100%		L	1%	v/v			2 WAA			
9	Provisia	0.88LB/GAL		EC	0.086	lb ai/a	12.5oz/a		4-5 LEAF	98c	70e	98a
	Agri-Dex	100%		L	1%	v/v			4-5 LEAF			
	Provisia	0.88LB/GAL		EC	0.127	lb ai/a	18.5oz/a		2 WAA			
	Agri-Dex	100%		L	1%	v/v			2 WAA			
10	Provisia	0.88LB/GAL		EC	0.107	lb ai/a	15.5oz/a		POSTFLOOD	99abc	14f	90bc
	Agri-Dex	100%		L	1%	v/v			POSTFLOOD			
	Provisia	0.88LB/GAL		EC	0.107	lb ai/a	15.5oz/a		2 WAA			
	Agri-Dex	100%		L	1%	v/v			2 WAA			
11	Provisia	0.88LB/GAL		EC	0.086	lb ai/a	12.5oz/a		POSTFLOOD	99ab	11f	86c
	Agri-Dex	100%		L	1%	v/v			POSTFLOOD			
	Provisia	0.88LB/GAL		EC	0.127	lb ai/a	18.5oz/a		2 WAA			
	Agri-Dex	100%		L	1%	v/v			2 WAA			
LSD P=.05										0.7	5.1	6.9
Standard Deviation										0.5	3.5	4.8
CV										0.57	5.54	5.57
Replicate F										0.233	1.831	0.236
Replicate Prob(F)										0.8730	0.1628	0.8705
Treatment F										13539.559	427.006	146.188
Treatment Prob(F)										0.0001	0.0001	0.0001

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Provisia Application Timing in Water-Seeded Rice with a Delayed Flood

Trial ID:C16-08 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-08 Investigator:Eric P. Webster

Pest Code								ECHCG	ECHCG	LEFPA
Rating Date								Jul-18-2016	Aug-10-2016	Jul-18-2016
Rating Type								CONTROL	CONTROL	CONTROL
Rating Unit								%	%	%
Trt-Eval Interval								36 DA 3-4LF	59 DA 3-4LF	9 DA 3-4LF
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
1	Nontreated									0c	0c	0c
2	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	PEGG	97a	99a	98a
	Agri-Dex	100%		L	1%	v/v			PEGG			
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	2 WAA			
	Agri-Dex	100%		L	1%	v/v			2 WAA			
3	Provisia	0.88	LB/GAL	EC	0.086	lb ai/a	12.5	oz/a	PEGG	98a	99ab	99a
	Agri-Dex	100%		L	1%	v/v			PEGG			
	Provisia	0.88	LB/GAL	EC	0.127	lb ai/a	18.5	oz/a	2 WAA			
4	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	2-3 LEAF	97a	99ab	95ab
	Agri-Dex	100%		L	1%	v/v			2-3 LEAF			
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	2 WAA			
	Agri-Dex	100%		L	1%	v/v			2 WAA			
5	Provisia	0.88	LB/GAL	EC	0.086	lb ai/a	12.5	oz/a	2-3 LEAF	97a	98b	97ab
	Agri-Dex	100%		L	1%	v/v			2-3 LEAF			
	Provisia	0.88	LB/GAL	EC	0.127	lb ai/a	18.5	oz/a	2 WAA			
	Agri-Dex	100%		L	1%	v/v			2 WAA			
6	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	97a	99ab	98a
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	2 WAA			
	Agri-Dex	100%		L	1%	v/v			2 WAA			
7	Provisia	0.88	LB/GAL	EC	0.086	lb ai/a	12.5	oz/a	3-4 LEAF	97a	99ab	99a
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
	Provisia	0.88	LB/GAL	EC	0.127	lb ai/a	18.5	oz/a	2 WAA			
	Agri-Dex	100%		L	1%	v/v			2 WAA			
8	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	4-5 LEAF	95b	99ab	93b
	Agri-Dex	100%		L	1%	v/v			4-5 LEAF			
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	2 WAA			
	Agri-Dex	100%		L	1%	v/v			2 WAA			
9	Provisia	0.88	LB/GAL	EC	0.086	lb ai/a	12.5	oz/a	4-5 LEAF	96ab	99ab	99a
	Agri-Dex	100%		L	1%	v/v			4-5 LEAF			
	Provisia	0.88	LB/GAL	EC	0.127	lb ai/a	18.5	oz/a	2 WAA			
	Agri-Dex	100%		L	1%	v/v			2 WAA			
10	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	POSTFLOOD	97a	99ab	96ab
	Agri-Dex	100%		L	1%	v/v			POSTFLOOD			
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	2 WAA			
	Agri-Dex	100%		L	1%	v/v			2 WAA			
11	Provisia	0.88	LB/GAL	EC	0.086	lb ai/a	12.5	oz/a	POSTFLOOD	98a	98b	96ab
	Agri-Dex	100%		L	1%	v/v			POSTFLOOD			
	Provisia	0.88	LB/GAL	EC	0.127	lb ai/a	18.5	oz/a	2 WAA			
	Agri-Dex	100%		L	1%	v/v			2 WAA			
LSD P=.05										1.9	0.7	4.4
Standard Deviation										1.3	0.5	3.1
CV										1.51	0.57	3.5
Replicate F										1.549	0.115	0.822
Replicate Prob(F)										0.2222	0.9507	0.4919
Treatment F										1937.458	13396.725	359.993
Treatment Prob(F)										0.0001	0.0001	0.0001

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Provisia Application Timing in Water-Seeded Rice with a Delayed Flood

Trial ID:C16-08 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-08 Investigator:Eric P. Webster

Pest Code								LEFPA	RICE	RICE
Rating Date								Aug-10-2016	Jun-21-2016	Jul-6-2016
Rating Type								CONTROL	INJURY	INJURY
Rating Unit								%	%	%
Trt-Eval Interval								24 DA 3-4LF	9 DA 3-4LF	24 DA 3-4LF
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
1	Nontreated									0b	0a	0a
2	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	PEGG	99a	0a	0a
	Agri-Dex	100%		L	1%	v/v			PEGG			
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	2 WAA			
	Agri-Dex	100%		L	1%	v/v			2 WAA			
3	Provisia	0.88	LB/GAL	EC	0.086	lb ai/a	12.5	oz/a	PEGG	99a	0a	0a
	Agri-Dex	100%		L	1%	v/v			PEGG			
	Provisia	0.88	LB/GAL	EC	0.127	lb ai/a	18.5	oz/a	2 WAA			
4	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	2-3 LEAF	98a	0a	0a
	Agri-Dex	100%		L	1%	v/v			2-3 LEAF			
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	2 WAA			
	Agri-Dex	100%		L	1%	v/v			2 WAA			
5	Provisia	0.88	LB/GAL	EC	0.086	lb ai/a	12.5	oz/a	2-3 LEAF	99a	0a	0a
	Agri-Dex	100%		L	1%	v/v			2-3 LEAF			
	Provisia	0.88	LB/GAL	EC	0.127	lb ai/a	18.5	oz/a	2 WAA			
	Agri-Dex	100%		L	1%	v/v			2 WAA			
6	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	99a	0a	0a
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	2 WAA			
	Agri-Dex	100%		L	1%	v/v			2 WAA			
7	Provisia	0.88	LB/GAL	EC	0.086	lb ai/a	12.5	oz/a	3-4 LEAF	99a	0a	0a
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
	Provisia	0.88	LB/GAL	EC	0.127	lb ai/a	18.5	oz/a	2 WAA			
	Agri-Dex	100%		L	1%	v/v			2 WAA			
8	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	4-5 LEAF	98a	0a	0a
	Agri-Dex	100%		L	1%	v/v			4-5 LEAF			
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	2 WAA			
	Agri-Dex	100%		L	1%	v/v			2 WAA			
9	Provisia	0.88	LB/GAL	EC	0.086	lb ai/a	12.5	oz/a	4-5 LEAF	99a	0a	0a
	Agri-Dex	100%		L	1%	v/v			4-5 LEAF			
	Provisia	0.88	LB/GAL	EC	0.127	lb ai/a	18.5	oz/a	2 WAA			
	Agri-Dex	100%		L	1%	v/v			2 WAA			
10	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	POSTFLOOD	99a	0a	0a
	Agri-Dex	100%		L	1%	v/v			POSTFLOOD			
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	2 WAA			
	Agri-Dex	100%		L	1%	v/v			2 WAA			
11	Provisia	0.88	LB/GAL	EC	0.086	lb ai/a	12.5	oz/a	POSTFLOOD	98a	0a	0a
	Agri-Dex	100%		L	1%	v/v			POSTFLOOD			
	Provisia	0.88	LB/GAL	EC	0.127	lb ai/a	18.5	oz/a	2 WAA			
	Agri-Dex	100%		L	1%	v/v			2 WAA			
LSD P=.05										0.8	.	.
Standard Deviation										0.5	0.0	0.0
CV										0.58	0.0	0.0
Replicate F										0.083	0.000	0.000
Replicate Prob(F)										0.9686	1.0000	1.0000
Treatment F										12943.535	0.000	0.000
Treatment Prob(F)										0.0001	1.0000	1.0000

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Provisia Application Timing in Water-Seeded Rice with a Delayed Flood

Trial ID:C16-08 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-08 Investigator:Eric P. Webster

Pest Code								RICE	RICE	RICE	RICE
Rating Date								Jul-18-2016	Aug-10-2016	Sep-6-2016	Sep-6-2016
Rating Type								INJURY	INJURY	HEIGHT	HEIGHT
Rating Unit								%	%	CM	CM
Trt-Eval Interval								36 DA 3-4LF	59 DA 3-4LF	AT HARVEST	AT HARVEST
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage				
1	Nontreated									0a	0a	95c	98b
2	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	PEGG	0a	0a	104ab	102ab
	Agri-Dex	100%		L	1%	v/v			PEGG				
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	2 WAA				
	Agri-Dex	100%		L	1%	v/v			2 WAA				
3	Provisia	0.88	LB/GAL	EC	0.086	lb ai/a	12.5	oz/a	PEGG	0a	0a	105ab	101ab
	Agri-Dex	100%		L	1%	v/v			PEGG				
	Provisia	0.88	LB/GAL	EC	0.127	lb ai/a	18.5	oz/a	2 WAA				
4	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	2-3 LEAF	0a	0a	103ab	101ab
	Agri-Dex	100%		L	1%	v/v			2-3 LEAF				
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	2 WAA				
	Agri-Dex	100%		L	1%	v/v			2 WAA				
5	Provisia	0.88	LB/GAL	EC	0.086	lb ai/a	12.5	oz/a	2-3 LEAF	0a	0a	102ab	105a
	Agri-Dex	100%		L	1%	v/v			2-3 LEAF				
	Provisia	0.88	LB/GAL	EC	0.127	lb ai/a	18.5	oz/a	2 WAA				
	Agri-Dex	100%		L	1%	v/v			2 WAA				
6	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	0a	0a	102abc	102ab
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF				
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	2 WAA				
	Agri-Dex	100%		L	1%	v/v			2 WAA				
7	Provisia	0.88	LB/GAL	EC	0.086	lb ai/a	12.5	oz/a	3-4 LEAF	0a	0a	107a	104a
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF				
	Provisia	0.88	LB/GAL	EC	0.127	lb ai/a	18.5	oz/a	2 WAA				
	Agri-Dex	100%		L	1%	v/v			2 WAA				
8	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	4-5 LEAF	0a	0a	100bc	100ab
	Agri-Dex	100%		L	1%	v/v			4-5 LEAF				
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	2 WAA				
	Agri-Dex	100%		L	1%	v/v			2 WAA				
9	Provisia	0.88	LB/GAL	EC	0.086	lb ai/a	12.5	oz/a	4-5 LEAF	0a	0a	101bc	102ab
	Agri-Dex	100%		L	1%	v/v			4-5 LEAF				
	Provisia	0.88	LB/GAL	EC	0.127	lb ai/a	18.5	oz/a	2 WAA				
	Agri-Dex	100%		L	1%	v/v			2 WAA				
10	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	POSTFLOOD	0a	0a	106ab	103ab
	Agri-Dex	100%		L	1%	v/v			POSTFLOOD				
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	2 WAA				
	Agri-Dex	100%		L	1%	v/v			2 WAA				
11	Provisia	0.88	LB/GAL	EC	0.086	lb ai/a	12.5	oz/a	POSTFLOOD	0a	0a	100bc	103ab
	Agri-Dex	100%		L	1%	v/v			POSTFLOOD				
	Provisia	0.88	LB/GAL	EC	0.127	lb ai/a	18.5	oz/a	2 WAA				
	Agri-Dex	100%		L	1%	v/v			2 WAA				
LSD P=.05										.	.	6.5	5.7
Standard Deviation										0.0	0.0	4.5	4.0
CV										0.0	0.0	4.42	3.91
Replicate F										0.000	0.000	1.585	0.430
Replicate Prob(F)										1.0000	1.0000	0.2135	0.7331
Treatment F										0.000	0.000	2.170	0.884
Treatment Prob(F)										1.0000	1.0000	0.0494	0.5577

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Provisia Application Timing in Water-Seeded Rice with a Delayed Flood

Trial ID:C16-08 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-08 Investigator:Eric P. Webster

Pest Code								RICE	RICE	RICE	RICE
Rating Date								Sep-6-2016	Sep-6-2016	Sep-6-2016	Sep-6-2016
Rating Type								HEIGHT	HEIGHT	AVG HEIGHT	MOISTURE
Rating Unit								CM	CM	CM	%
Trt-Eval Interval								AT HARVEST	AT HARVEST	AT HARVEST	AT HARVEST
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage				
1	Nontreated									95c	97cd	96c	17.3ab
2	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	PEGG	104ab	100bcd	102ab	17.6ab
	Agri-Dex	100%		L	1%	v/v			PEGG				
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	2 WAA				
	Agri-Dex	100%		L	1%	v/v			2 WAA				
3	Provisia	0.88	LB/GAL	EC	0.086	lb ai/a	12.5	oz/a	PEGG	104ab	103abc	103ab	17.7ab
	Agri-Dex	100%		L	1%	v/v			PEGG				
	Provisia	0.88	LB/GAL	EC	0.127	lb ai/a	18.5	oz/a	2 WAA				
4	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	2-3 LEAF	103ab	107a	103ab	17.5ab
	Agri-Dex	100%		L	1%	v/v			2-3 LEAF				
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	2 WAA				
	Agri-Dex	100%		L	1%	v/v			2 WAA				
5	Provisia	0.88	LB/GAL	EC	0.086	lb ai/a	12.5	oz/a	2-3 LEAF	106a	104abc	104a	17.8ab
	Agri-Dex	100%		L	1%	v/v			2-3 LEAF				
	Provisia	0.88	LB/GAL	EC	0.127	lb ai/a	18.5	oz/a	2 WAA				
	Agri-Dex	100%		L	1%	v/v			2 WAA				
6	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	99bc	101a-d	101abc	17.8ab
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF				
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	2 WAA				
	Agri-Dex	100%		L	1%	v/v			2 WAA				
7	Provisia	0.88	LB/GAL	EC	0.086	lb ai/a	12.5	oz/a	3-4 LEAF	102ab	104abc	104a	17.9a
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF				
	Provisia	0.88	LB/GAL	EC	0.127	lb ai/a	18.5	oz/a	2 WAA				
	Agri-Dex	100%		L	1%	v/v			2 WAA				
8	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	4-5 LEAF	104ab	103abc	102ab	17.8ab
	Agri-Dex	100%		L	1%	v/v			4-5 LEAF				
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	2 WAA				
	Agri-Dex	100%		L	1%	v/v			2 WAA				
9	Provisia	0.88	LB/GAL	EC	0.086	lb ai/a	12.5	oz/a	4-5 LEAF	99bc	96d	99bc	17.7ab
	Agri-Dex	100%		L	1%	v/v			4-5 LEAF				
	Provisia	0.88	LB/GAL	EC	0.127	lb ai/a	18.5	oz/a	2 WAA				
	Agri-Dex	100%		L	1%	v/v			2 WAA				
10	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	POSTFLOOD	104ab	104ab	104a	16.8b
	Agri-Dex	100%		L	1%	v/v			POSTFLOOD				
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	2 WAA				
	Agri-Dex	100%		L	1%	v/v			2 WAA				
11	Provisia	0.88	LB/GAL	EC	0.086	lb ai/a	12.5	oz/a	POSTFLOOD	100abc	102a-d	101ab	17.5ab
	Agri-Dex	100%		L	1%	v/v			POSTFLOOD				
	Provisia	0.88	LB/GAL	EC	0.127	lb ai/a	18.5	oz/a	2 WAA				
	Agri-Dex	100%		L	1%	v/v			2 WAA				
LSD P=.05										6.1	6.3	4.6	1.09
Standard Deviation										4.2	4.3	3.2	0.76
CV										4.14	4.26	3.1	4.31
Replicate F										0.442	1.699	1.094	0.535
Replicate Prob(F)										0.7247	0.1882	0.3668	0.6621
Treatment F										2.267	2.081	2.263	0.730
Treatment Prob(F)										0.0407	0.0591	0.0410	0.6905

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Provisia Application Timing in Water-Seeded Rice with a Delayed Flood

Trial ID:C16-08 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-08 Investigator:Eric P. Webster

Pest Code								RICE	RICE	RICE
Rating Date								Sep-6-2016	Sep-6-2016	Sep-6-2016
Rating Type								YIELD	YIELD	YIELD
Rating Unit								g	LB/A	KG/HA
Trt-Eval Interval								AT HARVEST	AT HARVEST	AT HARVEST
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
1	Nontreated									794c	1676c	1878c
2	Provisia	0.88LB/GAL		EC	0.107lb ai/a		15.5oz/a		PEGG	2078a	4399a	4931a
	Agri-Dex	100%		L	1% v/v				PEGG			
	Provisia	0.88LB/GAL		EC	0.107lb ai/a		15.5oz/a		2 WAA			
	Agri-Dex	100%		L	1% v/v				2 WAA			
3	Provisia	0.88LB/GAL		EC	0.086lb ai/a		12.5oz/a		PEGG	2002a	4230a	4741a
	Agri-Dex	100%		L	1% v/v				PEGG			
	Provisia	0.88LB/GAL		EC	0.127lb ai/a		18.5oz/a		2 WAA			
4	Provisia	0.88LB/GAL		EC	0.107lb ai/a		15.5oz/a		2-3 LEAF	1911a	4051a	4541a
	Agri-Dex	100%		L	1% v/v				2-3 LEAF			
	Provisia	0.88LB/GAL		EC	0.107lb ai/a		15.5oz/a		2 WAA			
	Agri-Dex	100%		L	1% v/v				2 WAA			
5	Provisia	0.88LB/GAL		EC	0.086lb ai/a		12.5oz/a		2-3 LEAF	1955a	4131a	4630a
	Agri-Dex	100%		L	1% v/v				2-3 LEAF			
	Provisia	0.88LB/GAL		EC	0.127lb ai/a		18.5oz/a		2 WAA			
	Agri-Dex	100%		L	1% v/v				2 WAA			
6	Provisia	0.88LB/GAL		EC	0.107lb ai/a		15.5oz/a		3-4 LEAF	1837ab	3876ab	4344ab
	Agri-Dex	100%		L	1% v/v				3-4 LEAF			
	Provisia	0.88LB/GAL		EC	0.107lb ai/a		15.5oz/a		2 WAA			
	Agri-Dex	100%		L	1% v/v				2 WAA			
7	Provisia	0.88LB/GAL		EC	0.086lb ai/a		12.5oz/a		3-4 LEAF	2024a	4265a	4780a
	Agri-Dex	100%		L	1% v/v				3-4 LEAF			
	Provisia	0.88LB/GAL		EC	0.127lb ai/a		18.5oz/a		2 WAA			
	Agri-Dex	100%		L	1% v/v				2 WAA			
8	Provisia	0.88LB/GAL		EC	0.107lb ai/a		15.5oz/a		4-5 LEAF	1895a	3998a	4482a
	Agri-Dex	100%		L	1% v/v				4-5 LEAF			
	Provisia	0.88LB/GAL		EC	0.107lb ai/a		15.5oz/a		2 WAA			
	Agri-Dex	100%		L	1% v/v				2 WAA			
9	Provisia	0.88LB/GAL		EC	0.086lb ai/a		12.5oz/a		4-5 LEAF	1431b	3027b	3392b
	Agri-Dex	100%		L	1% v/v				4-5 LEAF			
	Provisia	0.88LB/GAL		EC	0.127lb ai/a		18.5oz/a		2 WAA			
	Agri-Dex	100%		L	1% v/v				2 WAA			
10	Provisia	0.88LB/GAL		EC	0.107lb ai/a		15.5oz/a		POSTFLOOD	2023a	4310a	4831a
	Agri-Dex	100%		L	1% v/v				POSTFLOOD			
	Provisia	0.88LB/GAL		EC	0.107lb ai/a		15.5oz/a		2 WAA			
	Agri-Dex	100%		L	1% v/v				2 WAA			
11	Provisia	0.88LB/GAL		EC	0.086lb ai/a		12.5oz/a		POSTFLOOD	1835ab	3886ab	4355ab
	Agri-Dex	100%		L	1% v/v				POSTFLOOD			
	Provisia	0.88LB/GAL		EC	0.127lb ai/a		18.5oz/a		2 WAA			
	Agri-Dex	100%		L	1% v/v				2 WAA			
LSD P=.05										423.0	881.5	988.0
Standard Deviation										292.9	610.4	684.1
CV										16.29	16.04	16.04
Replicate F										5.531	5.739	5.739
Replicate Prob(F)										0.0038	0.0032	0.0032
Treatment F										6.600	6.823	6.823
Treatment Prob(F)										0.0001	0.0001	0.0001

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Provisia Application Timing in Water-Seeded Rice with a Pinpoint Flood

Experiment number	**C16-09**
Location.....	RRS-Crowley, LA
Experimental design	RCB
Number of reps.....	4
Plot size.....	5'x17'
Row width/# per plot	7.5"/8
Soil type	Crowley silt loam (3% sand, 69% silt, 28% clay)
% OM	1.4
pH	6.4
CEC.....	19.1
Crop/Variety	Provisia
Planting date	5/10/16
Emergence date	5/22/16
Harvest date	9/6/16

Application type	OVERSPRAY	PEG-PREFLOOD	PEGG-24hr POSTFLOOD
Date applied [mm/dd/yy]	5/30/16	5/30/16	6/6/16
Time [hh:mm-hh:mm]	9:45-10:00a	11:10-11:20a	3:00-3:10p
Air/Soil temperature [F].....	76/75	87/89	88/84
Relative humidity [%]	95%	64%	60%
Wind [mph, direction].....	4-6, N	1-2, WNW	4-7, NE
Weather [sunny, etc].....	sunny	pt. cloudy	sunny
Soil/Leaf surface moist	dry/dry	dry/dry	wet/dry
Crop stage/Height.....	1-2lf	pegging	3-4lf/6-8"
Sprayer type/MPH	BKPK/3.0	BKPK/3.0	BKPK/3.0
Nozzle type/Size*	FF/110015	FF/110015	FF/110015
Boom ht/# Noz/Spacing	15/5/15	15/5/15	15/5/15
GPA/PSI.....	15/21	15/21	15/21
Applied by.....	SYR	SYR	EAB

Weed Species (population)..:	----------(height/#leaves)----------	
ECHCG(15-50m^{-2})	1-3"/1-3lf	4-8"/3-4lf
BRAPP(5-10m^{-2}).....	0.50-1"/1-2lf	
ORYSA(3-30m^{-2})	1-3"/1-3lf	6-8"/3-4lf

Flush Dates	5/12/16
Permanent Flood	6/16/16

*AMFF – Air mix flat fan nozzles

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Provisia Application Timing in Water-Seeded Rice with a Pinpoint Flood

Experiment number	**C16-09**
Location.....	RRS-Crowley, LA
Experimental design	RCB
Number of reps.....	4
Plot size.....	5'x17'
Row width/# per plot	7.5"/8
Soil type	Crowley silt loam (3% sand, 69% silt, 28% clay)
% OM	1.4
pH	6.4
CEC.....	19.1
Crop/Variety	Provisia
Planting date	5/10/16
Emergence date	5/22/16
Harvest date	9/6/16

Application type	2-3 LEAF	3-4 LEAF	2 Weeks After PEG-PREFLOOD
Date applied [mm/dd/yy]	6/9/16	6/12/16	6/13/16
Time [hh:mm-hh:mm]	10:05-10:07a	12:55-1:05p	10:42-10:46a
Air/Soil temperature [F].....	84/85	88/87	74/82
Relative humidity [%]	70%	71%	84%
Wind [mph, direction].....	4-6, NE	2-4, S	6-8, E
Weather [sunny, etc].....	pt. cloudy	cloudy	cloudy
Soil/Leaf surface moist	flood/dry	flood/dry	wet/dry
Crop stage/Height.....	2-3lf/4-6"	3-4lf/6-8"	4-5lf/6-8"
Sprayer type/MPH	BKPK/3.0	BKPK/3.0	BKPK/3.0
Nozzle type/Size*	FF/110015	FF/110015	FF/110015
Boom ht/# Noz/Spacing	15/5/15	15/5/15	15/5/15
GPA/PSI.....	15/21	20/15	15/21
Applied by.....	BMM	SYR	BMM

Weed Species (population)..:	----------(height/#leaves)----------		
ECHCG(5-30m^{-2}).....	4-8"/4-5lf	6-10"/3-5lf	4-8"/3-5lf
BRAPP(5-10m^{-2}).....	4-6"/3-4lf		
ORYZA(5-30m^{-2})	4-6"/2-3lf	6-8"/3-4lf	6-8"/4-5lf

Flush Dates	5/12/16
Permanent Flood	6/16/16

*AMFF – Air mix flat fan nozzles

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Provisia Application Timing in Water-Seeded Rice with a Pinpoint Flood

Experiment number	**C16-09**
Location.....	RRS-Crowley, LA
Experimental design	RCB
Number of reps.....	4
Plot size.....	5'x17'
Row width/# per plot	7.5"/8
Soil type	Crowley silt loam (3% sand, 69% silt, 28% clay)
% OM	1.4
pH	6.4
CEC.....	19.1
Crop/Variety	Provisia
Planting date	5/10/16
Emergence date	5/22/16
Harvest date	9/6/16

Application type	2 Weeks After PEG-POSTFLOOD	4-5 LEAF
Date applied [mm/dd/yy]	6/13/16	6/17/16
Time [hh:mm-hh:mm]	10:42-10:46a	10:20-10:24a
Air/Soil temperature [F].....	74/82	89/86
Relative humidity [%]	84%	70%
Wind [mph, direction].....	6-8, E	2-5, WSW
Weather [sunny, etc].....	cloudy	sunny
Soil/Leaf surface moist	wet/dry	flood/dry
Crop stage/Height.....	4-5lf/6-8"	4-5lf/8-10"
Sprayer type/MPH	BKPK/3.0	BKPK/3.0
Nozzle type/Size*	FF/110015	FF/110015
Boom ht/# Noz/Spacing	15/5/15	15/5/15
GPA/PSI.....	15/21	15/21
Applied by.....	BMM	SYR

Weed Species (population)..:	----------(height/#leaves)----------	
ECHCG(15-20m^{-2})	4-8"/4-8lf	6-10"/5-7lf
ORYZA(5-10m^{-2})	6-8"/4-5lf	8-10"/4-5lf

Flush Dates	5/12/16
Permanent Flood	6/16/16

*AMFF – Air mix flat fan nozzles

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Provisia Application Timing in Water-Seeded Rice with a Pinpoint Flood

Experiment number	**C16-09**
Location.....	RRS-Crowley, LA
Experimental design	RCB
Number of reps.....	4
Plot size.....	5'x17'
Row width/# per plot	7.5"/8
Soil type	Crowley silt loam (3% sand, 69% silt, 28% clay)
% OM	1.4
pH	6.4
CEC.....	19.1
Crop/Variety	Provisia
Planting date	5/10/16
Emergence date	5/22/16
Harvest date	9/6/16

Application type	2 Weeks After 2-3 LEAF	2 Weeks After 3-4 LEAF
Date applied [mm/dd/yy]	6/24/16	7/5/16
Time [hh:mm-hh:mm]	8:52-8:55	12:20-12:30p
Air/Soil temperature [F].....	84/86	90/87
Relative humidity [%]	80%	62%
Wind [mph, direction].....	2-3, SE	6-8, SSW
Weather [sunny, etc].....	sunny	pt. cloudy
Soil/Leaf surface moist	flood/dry	flood/dry
Crop stage/Height.....	2-3till/12-16"	2-3till/18-22"
Sprayer type/MPH	BKPK/3.0	BKPK/3.0
Nozzle type/Size*	FF/110015	FF/110015
Boom ht/# Noz/Spacing	15/5/15	15/5/15
GPA/PSI.....	15/21	15/21
Applied by.....	SYR	SYR

Weed Species (population)..:----------(height/#leaves)----------

ECHCG(5-20m^{-2}).....	10-14"/2-3till	16-24"/3-4till-heading
ORYZA(3-10m^{-2})	12-14"/2-3till	18-22"/2-3tiller

Flush Dates	5/12/16
Permanent Flood	6/16/16

*AMFF – Air mix flat fan nozzles

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Provisia Application Timing in Water-Seeded Rice with a Pinpoint Flood

Experiment number .....: **C16-09**
Location.....: RRS-Crowley, LA
Experimental design.....: RCB
Number of reps.....: 4
Plot size.....: 5'x17'
Row width/# per plot.....: 7.5"/8
Soil type .....: Crowley silt loam (3% sand, 69% silt, 28% clay)
% OM .....: 1.4
pH .....: 6.4
CEC.....: 19.1
Crop/Variety .....: Provisia
Planting date .....: 5/10/16
Emergence date .....: 5/22/16
Harvest date.....: 9/6/16

Application type .....: 2 Weeks 4-5 LEAF
Date applied [mm/dd/yy].....: 7/5/16
Time [hh:mm-hh:mm] .....: 12:20-12:30p
Air/Soil temperature [F].....: 90/87
Relative humidity [%].....: 62%
Wind [mph, direction].....: 6-8, SSW
Weather [sunny, etc].....: pt. cloudy
Soil/Leaf surface moist .....: flood/dry
Crop stage/Height.....: 2-3till/18-22"
Sprayer type/MPH .....: BKPK/3.0
Nozzle type/Size* .....: FF/110015
Boom ht/# Noz/Spacing.....: 15/5/15
GPA/PSI.....: 15/21
Applied by.....: SYR

Weed Species (population)..:- (height/#leaves) -
ECHCG(5-15m^{-2}).....: 16-24"/3-4till-heading
ORYZA(3-7m^{-2}) .....: 18-22"/2-3tiller

Flush Dates .....: 5/12/16
Permanent Flood.....: 6/16/16

*AMFF – Air mix flat fan nozzles

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Provisia Application Timing in Water-Seeded Rice with a Pinpoint Flood

Trial ID:C16-09 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-09 Investigator:Eric P. Webster

Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	ECHCG	ECHCG	ECHCG
Pest Code										ECHCG	ECHCG	ECHCG
Rating Date										Jun-21-2016	Jul-6-2016	Jul-18-2016
Rating Type										CONTROL	CONTROL	CONTROL
Rating Unit										%	%	%
Trt-Eval Interval										9 DA 3-4LF	24 DA 3-4LF	36 DA 3-4LF
1	Nontreated									0d	0c	0b
2	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	PEG-PREFLOOD	91a	98a	97a
	Agri-Dex	100%		L	1%	v/v			PEG-PREFLOOD			
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	2 WAA			
	Agri-Dex	100%		L	1%	v/v			2 WAA			
3	Provisia	0.88	LB/GAL	EC	0.086	lb ai/a	12.5	oz/a	PEG-PREFLOOD	88a	98a	97a
	Agri-Dex	100%		L	1%	v/v			PEG-PREFLOOD			
	Provisia	0.88	LB/GAL	EC	0.127	lb ai/a	18.5	oz/a	2 WAA			
	Agri-Dex	100%		L	1%	v/v			2 WAA			
4	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	PEG- 24 POST	91a	98a	97a
	Agri-Dex	100%		L	1%	v/v			PEG- 24 POST			
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	2 WAA			
	Agri-Dex	100%		L	1%	v/v			2 WAA			
5	Provisia	0.88	LB/GAL	EC	0.086	lb ai/a	12.5	oz/a	PEG- 24 POST	90a	98a	97a
	Agri-Dex	100%		L	1%	v/v			PEG- 24 POST			
	Provisia	0.88	LB/GAL	EC	0.127	lb ai/a	18.5	oz/a	2 WAA			
	Agri-Dex	100%		L	1%	v/v			2 WAA			
6	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	2-3 LEAF	78bc	94b	97a
	Agri-Dex	100%		L	1%	v/v			2-3 LEAF			
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	2 WAA			
	Agri-Dex	100%		L	1%	v/v			2 WAA			
7	Provisia	0.88	LB/GAL	EC	0.086	lb ai/a	12.5	oz/a	2-3 LEAF	83ab	98a	97a
	Agri-Dex	100%		L	1%	v/v			2-3 LEAF			
	Provisia	0.88	LB/GAL	EC	0.127	lb ai/a	18.5	oz/a	2 WAA			
	Agri-Dex	100%		L	1%	v/v			2 WAA			
8	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	77bc	98a	97a
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	2 WAA			
	Agri-Dex	100%		L	1%	v/v			2 WAA			
9	Provisia	0.88	LB/GAL	EC	0.086	lb ai/a	12.5	oz/a	3-4 LEAF	81ab	99a	95a
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
	Provisia	0.88	LB/GAL	EC	0.127	lb ai/a	18.5	oz/a	2 WAA			
	Agri-Dex	100%		L	1%	v/v			2 WAA			
10	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	4-5 LEAF	68c	98a	97a
	Agri-Dex	100%		L	1%	v/v			4-5 LEAF			
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	2 WAA			
	Agri-Dex	100%		L	1%	v/v			2 WAA			
11	Provisia	0.88	LB/GAL	EC	0.086	lb ai/a	12.5	oz/a	4-5 LEAF	68c	98a	97a
	Agri-Dex	100%		L	1%	v/v			4-5 LEAF			
	Provisia	0.88	LB/GAL	EC	0.127	lb ai/a	18.5	oz/a	2 WAA			
	Agri-Dex	100%		L	1%	v/v			2 WAA			
LSD P=.05										10.7	2.9	2.5
Standard Deviation										7.4	2.0	1.8
CV										10.02	2.28	2.0
Replicate F										1.318	0.935	0.534
Replicate Prob(F)										0.2867	0.4361	0.6628
Treatment F										48.908	851.061	1097.000
Treatment Prob(F)										0.0001	0.0001	0.0001

Means followed by same letter or symbol do not significantly differ (P=.05, LSD)
Could not calculate LSD (% mean diff) for columns 11,12,13,14 because error mean square = 0.

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Provisia Application Timing in Water-Seeded Rice with a Pinpoint Flood

Trial ID:C16-09 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-09 Investigator:Eric P. Webster

Pest Code								ECHCG	LEFPA	LEFPA
Rating Date								Aug-10-2016	Jul-18-2016	Aug-10-2016
Rating Type								CONTROL	CONTROL	CONTROL
Rating Unit								%	%	%
Trt-Eval Interval								59 DA 3-4LF	24 DA 3-4LF	59 DA 3-4LF
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
1	Nontreated									0b	0c	0c
2	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	PEG-PREFLOOD	99a	99a	98ab
	Agri-Dex	100%		L	1%	v/v			PEG-PREFLOOD			
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	2 WAA			
	Agri-Dex	100%		L	1%	v/v			2 WAA			
3	Provisia	0.88	LB/GAL	EC	0.086	lb ai/a	12.5	oz/a	PEG-PREFLOOD	99a	98ab	99ab
	Agri-Dex	100%		L	1%	v/v			PEG-PREFLOOD			
	Provisia	0.88	LB/GAL	EC	0.127	lb ai/a	18.5	oz/a	2 WAA			
	Agri-Dex	100%		L	1%	v/v			2 WAA			
4	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	PEG- 24 POST	99a	99a	99ab
	Agri-Dex	100%		L	1%	v/v			PEG- 24 POST			
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	2 WAA			
	Agri-Dex	100%		L	1%	v/v			2 WAA			
5	Provisia	0.88	LB/GAL	EC	0.086	lb ai/a	12.5	oz/a	PEG- 24 POST	99a	97ab	99a
	Agri-Dex	100%		L	1%	v/v			PEG- 24 POST			
	Provisia	0.88	LB/GAL	EC	0.127	lb ai/a	18.5	oz/a	2 WAA			
	Agri-Dex	100%		L	1%	v/v			2 WAA			
6	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	2-3 LEAF	99a	97b	99a
	Agri-Dex	100%		L	1%	v/v			2-3 LEAF			
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	2 WAA			
	Agri-Dex	100%		L	1%	v/v			2 WAA			
7	Provisia	0.88	LB/GAL	EC	0.086	lb ai/a	12.5	oz/a	2-3 LEAF	99a	98ab	98ab
	Agri-Dex	100%		L	1%	v/v			2-3 LEAF			
	Provisia	0.88	LB/GAL	EC	0.127	lb ai/a	18.5	oz/a	2 WAA			
	Agri-Dex	100%		L	1%	v/v			2 WAA			
8	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	99a	98ab	99ab
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	2 WAA			
	Agri-Dex	100%		L	1%	v/v			2 WAA			
9	Provisia	0.88	LB/GAL	EC	0.086	lb ai/a	12.5	oz/a	3-4 LEAF	99a	98ab	98b
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
	Provisia	0.88	LB/GAL	EC	0.127	lb ai/a	18.5	oz/a	2 WAA			
	Agri-Dex	100%		L	1%	v/v			2 WAA			
10	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	4-5 LEAF	99a	98ab	99a
	Agri-Dex	100%		L	1%	v/v			4-5 LEAF			
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	2 WAA			
	Agri-Dex	100%		L	1%	v/v			2 WAA			
11	Provisia	0.88	LB/GAL	EC	0.086	lb ai/a	12.5	oz/a	4-5 LEAF	99a	98ab	99ab
	Agri-Dex	100%		L	1%	v/v			4-5 LEAF			
	Provisia	0.88	LB/GAL	EC	0.127	lb ai/a	18.5	oz/a	2 WAA			
	Agri-Dex	100%		L	1%	v/v			2 WAA			
LSD P=.05										0.8	1.3	0.7
Standard Deviation										0.5	0.9	0.5
CV										0.6	0.98	0.56
Replicate F										0.490	0.845	0.333
Replicate Prob(F)										0.6921	0.4801	0.8013
Treatment F										12021.249	4624.703	14106.092
Treatment Prob(F)										0.0001	0.0001	0.0001

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Provisia Application Timing in Water-Seeded Rice with a Pinpoint Flood

Trial ID:C16-09 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-09 Investigator:Eric P. Webster

Pest Code								ORYSA	ORYSA	ORYSA
Rating Date								Jun-21-2016	Jul-6-2016	Jul-18-2016
Rating Type								CONTROL	CONTROL	CONTROL
Rating Unit								%	%	%
Trt-Eval Interval								9 DA 3-4LF	24 DA 3-4LF	36 DA 3-4LF
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
1	Nontreated									0e	0e	0c
2	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	PEG-PREFLOOD	92a	96a	97b
	Agri-Dex	100%		L	1%	v/v			PEG-PREFLOOD			
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	2 WAA			
	Agri-Dex	100%		L	1%	v/v			2 WAA			
3	Provisia	0.88	LB/GAL	EC	0.086	lb ai/a	12.5	oz/a	PEG-PREFLOOD	89ab	95ab	98a
	Agri-Dex	100%		L	1%	v/v			PEG-PREFLOOD			
	Provisia	0.88	LB/GAL	EC	0.127	lb ai/a	18.5	oz/a	2 WAA			
	Agri-Dex	100%		L	1%	v/v			2 WAA			
4	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	PEG- 24 POST	92a	95ab	98a
	Agri-Dex	100%		L	1%	v/v			PEG- 24 POST			
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	2 WAA			
	Agri-Dex	100%		L	1%	v/v			2 WAA			
5	Provisia	0.88	LB/GAL	EC	0.086	lb ai/a	12.5	oz/a	PEG- 24 POST	89ab	93abc	98a
	Agri-Dex	100%		L	1%	v/v			PEG- 24 POST			
	Provisia	0.88	LB/GAL	EC	0.127	lb ai/a	18.5	oz/a	2 WAA			
	Agri-Dex	100%		L	1%	v/v			2 WAA			
6	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	2-3 LEAF	81bc	91abc	98a
	Agri-Dex	100%		L	1%	v/v			2-3 LEAF			
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	2 WAA			
	Agri-Dex	100%		L	1%	v/v			2 WAA			
7	Provisia	0.88	LB/GAL	EC	0.086	lb ai/a	12.5	oz/a	2-3 LEAF	85ab	95ab	98a
	Agri-Dex	100%		L	1%	v/v			2-3 LEAF			
	Provisia	0.88	LB/GAL	EC	0.127	lb ai/a	18.5	oz/a	2 WAA			
	Agri-Dex	100%		L	1%	v/v			2 WAA			
8	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	81b	91bcd	98a
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	2 WAA			
	Agri-Dex	100%		L	1%	v/v			2 WAA			
9	Provisia	0.88	LB/GAL	EC	0.086	lb ai/a	12.5	oz/a	3-4 LEAF	83ab	90cd	98a
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
	Provisia	0.88	LB/GAL	EC	0.127	lb ai/a	18.5	oz/a	2 WAA			
	Agri-Dex	100%		L	1%	v/v			2 WAA			
10	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	4-5 LEAF	71cd	91abc	98a
	Agri-Dex	100%		L	1%	v/v			4-5 LEAF			
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	2 WAA			
	Agri-Dex	100%		L	1%	v/v			2 WAA			
11	Provisia	0.88	LB/GAL	EC	0.086	lb ai/a	12.5	oz/a	4-5 LEAF	70d	87d	98a
	Agri-Dex	100%		L	1%	v/v			4-5 LEAF			
	Provisia	0.88	LB/GAL	EC	0.127	lb ai/a	18.5	oz/a	2 WAA			
	Agri-Dex	100%		L	1%	v/v			2 WAA			
LSD P=.05										9.6	4.3	0.7
Standard Deviation										6.6	3.0	0.5
CV										8.76	3.54	0.53
Replicate F										1.876	0.284	1.224
Replicate Prob(F)										0.1550	0.8364	0.3179
Treatment F										62.134	354.439	15665.083
Treatment Prob(F)										0.0001	0.0001	0.0001

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Provisia Application Timing in Water-Seeded Rice with a Pinpoint Flood

Trial ID:C16-09 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-09 Investigator:Eric P. Webster

Pest Code								ORYSA	RICE	RICE
Rating Date								Aug-10-2016	Jun-21-2016	Jul-6-2016
Rating Type								CONTROL	INJURY	INJURY
Rating Unit								%	%	%
Trt-Eval Interval								59 DA 3-4LF	9 DA 3-4LF	24 DA 3-4LF
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
1	Nontreated									0c	0a	0a
2	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	PEG-PREFLOOD	99ab	0a	0a
	Agri-Dex	100%		L	1%	v/v			PEG-PREFLOOD			
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	2 WAA			
	Agri-Dex	100%		L	1%	v/v			2 WAA			
3	Provisia	0.88	LB/GAL	EC	0.086	lb ai/a	12.5	oz/a	PEG-PREFLOOD	98b	0a	0a
	Agri-Dex	100%		L	1%	v/v			PEG-PREFLOOD			
	Provisia	0.88	LB/GAL	EC	0.127	lb ai/a	18.5	oz/a	2 WAA			
	Agri-Dex	100%		L	1%	v/v			2 WAA			
4	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	PEG- 24 POST	99ab	0a	0a
	Agri-Dex	100%		L	1%	v/v			PEG- 24 POST			
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	2 WAA			
	Agri-Dex	100%		L	1%	v/v			2 WAA			
5	Provisia	0.88	LB/GAL	EC	0.086	lb ai/a	12.5	oz/a	PEG- 24 POST	98b	0a	0a
	Agri-Dex	100%		L	1%	v/v			PEG- 24 POST			
	Provisia	0.88	LB/GAL	EC	0.127	lb ai/a	18.5	oz/a	2 WAA			
	Agri-Dex	100%		L	1%	v/v			2 WAA			
6	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	2-3 LEAF	99ab	0a	0a
	Agri-Dex	100%		L	1%	v/v			2-3 LEAF			
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	2 WAA			
	Agri-Dex	100%		L	1%	v/v			2 WAA			
7	Provisia	0.88	LB/GAL	EC	0.086	lb ai/a	12.5	oz/a	2-3 LEAF	99ab	0a	0a
	Agri-Dex	100%		L	1%	v/v			2-3 LEAF			
	Provisia	0.88	LB/GAL	EC	0.127	lb ai/a	18.5	oz/a	2 WAA			
	Agri-Dex	100%		L	1%	v/v			2 WAA			
8	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	99a	0a	0a
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	2 WAA			
	Agri-Dex	100%		L	1%	v/v			2 WAA			
9	Provisia	0.88	LB/GAL	EC	0.086	lb ai/a	12.5	oz/a	3-4 LEAF	99ab	0a	0a
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
	Provisia	0.88	LB/GAL	EC	0.127	lb ai/a	18.5	oz/a	2 WAA			
	Agri-Dex	100%		L	1%	v/v			2 WAA			
10	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	4-5 LEAF	99ab	0a	0a
	Agri-Dex	100%		L	1%	v/v			4-5 LEAF			
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	2 WAA			
	Agri-Dex	100%		L	1%	v/v			2 WAA			
11	Provisia	0.88	LB/GAL	EC	0.086	lb ai/a	12.5	oz/a	4-5 LEAF	99ab	0a	0a
	Agri-Dex	100%		L	1%	v/v			4-5 LEAF			
	Provisia	0.88	LB/GAL	EC	0.127	lb ai/a	18.5	oz/a	2 WAA			
	Agri-Dex	100%		L	1%	v/v			2 WAA			
LSD P=.05										0.7	.	.
Standard Deviation										0.5	0.0	0.0
CV										0.56	0.0	0.0
Replicate F										0.089	0.000	0.000
Replicate Prob(F)										0.9657	1.0000	1.0000
Treatment F										13800.126	0.000	0.000
Treatment Prob(F)										0.0001	1.0000	1.0000

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Provisia Application Timing in Water-Seeded Rice with a Pinpoint Flood

Trial ID:C16-09 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-09 Investigator:Eric P. Webster

Pest Code								RICE	RICE	RICE
Rating Date								Jul-18-2016	Aug-10-2016	Sep-6-2016
Rating Type								INJURY	INJURY	HEIGHT
Rating Unit								%	%	CM
Trt-Eval Interval								36 DA 3-4LF	59 DA 3-4LF	AT HARVEST
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
1	Nontreated									0a	0a	95cd
2	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	PEG-PREFLOOD	0a	0a	101ab
	Agri-Dex	100%		L	1%	v/v			PEG-PREFLOOD			
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	2 WAA			
	Agri-Dex	100%		L	1%	v/v			2 WAA			
3	Provisia	0.88	LB/GAL	EC	0.086	lb ai/a	12.5	oz/a	PEG-PREFLOOD	0a	0a	99a-d
	Agri-Dex	100%		L	1%	v/v			PEG-PREFLOOD			
	Provisia	0.88	LB/GAL	EC	0.127	lb ai/a	18.5	oz/a	2 WAA			
	Agri-Dex	100%		L	1%	v/v			2 WAA			
4	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	PEG- 24 POST	0a	0a	103a
	Agri-Dex	100%		L	1%	v/v			PEG- 24 POST			
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	2 WAA			
	Agri-Dex	100%		L	1%	v/v			2 WAA			
5	Provisia	0.88	LB/GAL	EC	0.086	lb ai/a	12.5	oz/a	PEG- 24 POST	0a	0a	95bcd
	Agri-Dex	100%		L	1%	v/v			PEG- 24 POST			
	Provisia	0.88	LB/GAL	EC	0.127	lb ai/a	18.5	oz/a	2 WAA			
	Agri-Dex	100%		L	1%	v/v			2 WAA			
6	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	2-3 LEAF	0a	0a	98a-d
	Agri-Dex	100%		L	1%	v/v			2-3 LEAF			
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	2 WAA			
	Agri-Dex	100%		L	1%	v/v			2 WAA			
7	Provisia	0.88	LB/GAL	EC	0.086	lb ai/a	12.5	oz/a	2-3 LEAF	0a	0a	100abc
	Agri-Dex	100%		L	1%	v/v			2-3 LEAF			
	Provisia	0.88	LB/GAL	EC	0.127	lb ai/a	18.5	oz/a	2 WAA			
	Agri-Dex	100%		L	1%	v/v			2 WAA			
8	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	0a	0a	94d
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	2 WAA			
	Agri-Dex	100%		L	1%	v/v			2 WAA			
9	Provisia	0.88	LB/GAL	EC	0.086	lb ai/a	12.5	oz/a	3-4 LEAF	0a	0a	96bcd
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
	Provisia	0.88	LB/GAL	EC	0.127	lb ai/a	18.5	oz/a	2 WAA			
	Agri-Dex	100%		L	1%	v/v			2 WAA			
10	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	4-5 LEAF	0a	0a	95bcd
	Agri-Dex	100%		L	1%	v/v			4-5 LEAF			
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	2 WAA			
	Agri-Dex	100%		L	1%	v/v			2 WAA			
11	Provisia	0.88	LB/GAL	EC	0.086	lb ai/a	12.5	oz/a	4-5 LEAF	0a	0a	94d
	Agri-Dex	100%		L	1%	v/v			4-5 LEAF			
	Provisia	0.88	LB/GAL	EC	0.127	lb ai/a	18.5	oz/a	2 WAA			
	Agri-Dex	100%		L	1%	v/v			2 WAA			
LSD P=.05										.	.	5.5
Standard Deviation										0.0	0.0	3.8
CV										0.0	0.0	3.93
Replicate F										0.000	0.000	4.185
Replicate Prob(F)										1.0000	1.0000	0.0138
Treatment F										0.000	0.000	2.563
Treatment Prob(F)										1.0000	1.0000	0.0225

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Provisia Application Timing in Water-Seeded Rice with a Pinpoint Flood

Trial ID:C16-09 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-09 Investigator:Eric P. Webster

Pest Code								RICE	RICE	RICE	RICE
Rating Date								Sep-6-2016	Sep-6-2016	Sep-6-2016	Sep-6-2016
Rating Type								HEIGHT	HEIGHT	HEIGHT	AVG HEIGHT
Rating Unit								CM	CM	CM	CM
Trt-Eval Interval								AT HARVEST	AT HARVEST	AT HARVEST	AT HARVEST
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage				
1	Nontreated									94c	96bc	89b	93f
2	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	PEG-PREFLOOD	102ab	100ab	97a	100ab
	Agri-Dex	100%		L	1%	v/v			PEG-PREFLOOD				
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	2 WAA				
	Agri-Dex	100%		L	1%	v/v			2 WAA				
3	Provisia	0.88	LB/GAL	EC	0.086	lb ai/a	12.5	oz/a	PEG-PREFLOOD	102a	98abc	99a	99abc
	Agri-Dex	100%		L	1%	v/v			PEG-PREFLOOD				
	Provisia	0.88	LB/GAL	EC	0.127	lb ai/a	18.5	oz/a	2 WAA				
	Agri-Dex	100%		L	1%	v/v			2 WAA				
4	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	PEG- 24 POST	102a	102a	98a	101a
	Agri-Dex	100%		L	1%	v/v			PEG- 24 POST				
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	2 WAA				
	Agri-Dex	100%		L	1%	v/v			2 WAA				
5	Provisia	0.88	LB/GAL	EC	0.086	lb ai/a	12.5	oz/a	PEG- 24 POST	97abc	97abc	100a	98b-e
	Agri-Dex	100%		L	1%	v/v			PEG- 24 POST				
	Provisia	0.88	LB/GAL	EC	0.127	lb ai/a	18.5	oz/a	2 WAA				
	Agri-Dex	100%		L	1%	v/v			2 WAA				
6	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	2-3 LEAF	97abc	100ab	100a	99a-d
	Agri-Dex	100%		L	1%	v/v			2-3 LEAF				
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	2 WAA				
	Agri-Dex	100%		L	1%	v/v			2 WAA				
7	Provisia	0.88	LB/GAL	EC	0.086	lb ai/a	12.5	oz/a	2-3 LEAF	97bc	99abc	96a	98a-d
	Agri-Dex	100%		L	1%	v/v			2-3 LEAF				
	Provisia	0.88	LB/GAL	EC	0.127	lb ai/a	18.5	oz/a	2 WAA				
	Agri-Dex	100%		L	1%	v/v			2 WAA				
8	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	98abc	99abc	99a	97b-e
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF				
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	2 WAA				
	Agri-Dex	100%		L	1%	v/v			2 WAA				
9	Provisia	0.88	LB/GAL	EC	0.086	lb ai/a	12.5	oz/a	3-4 LEAF	94c	97abc	98a	96def
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF				
	Provisia	0.88	LB/GAL	EC	0.127	lb ai/a	18.5	oz/a	2 WAA				
	Agri-Dex	100%		L	1%	v/v			2 WAA				
10	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	4-5 LEAF	94c	94c	96ab	95ef
	Agri-Dex	100%		L	1%	v/v			4-5 LEAF				
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	2 WAA				
	Agri-Dex	100%		L	1%	v/v			2 WAA				
11	Provisia	0.88	LB/GAL	EC	0.086	lb ai/a	12.5	oz/a	4-5 LEAF	96c	98abc	98a	96c-f
	Agri-Dex	100%		L	1%	v/v			4-5 LEAF				
	Provisia	0.88	LB/GAL	EC	0.127	lb ai/a	18.5	oz/a	2 WAA				
	Agri-Dex	100%		L	1%	v/v			2 WAA				
LSD P=.05										5.0	5.2	6.8	3.2
Standard Deviation										3.5	3.6	4.7	2.2
CV										3.55	3.64	4.81	2.28
Replicate F										3.661	9.759	5.172	14.848
Replicate Prob(F)										0.0232	0.0001	0.0053	0.0001
Treatment F										3.312	1.362	1.712	4.217
Treatment Prob(F)										0.0053	0.2446	0.1240	0.0010

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Provisia Application Timing in Water-Seeded Rice with a Pinpoint Flood

Trial ID:C16-09 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-09 Investigator:Eric P. Webster

Pest Code								RICE	RICE	RICE	RICE
Rating Date								Sep-6-2016	Sep-6-2016	Sep-6-2016	Sep-6-2016
Rating Type								MOISTURE	YIELD	YIELD	YIELD
Rating Unit								%	g	LB/A	KG/HA
Trt-Eval Interval								AT HARVEST	AT HARVEST	AT HARVEST	AT HARVEST
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage				
1	Nontreated									14.8b	710e	1556d	1744d
2	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	PEG-PREFLOOD	16.4a	1657ab	3557a	3987a
	Agri-Dex	100%		L	1%	v/v			PEG-PREFLOOD				
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	2 WAA				
	Agri-Dex	100%		L	1%	v/v			2 WAA				
3	Provisia	0.88	LB/GAL	EC	0.086	lb ai/a	12.5	oz/a	PEG-PREFLOOD	16.4a	1448abc	3110ab	3486ab
	Agri-Dex	100%		L	1%	v/v			PEG-PREFLOOD				
	Provisia	0.88	LB/GAL	EC	0.127	lb ai/a	18.5	oz/a	2 WAA				
	Agri-Dex	100%		L	1%	v/v			2 WAA				
4	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	PEG- 24 POST	16.3a	1719a	3694a	4141a
	Agri-Dex	100%		L	1%	v/v			PEG- 24 POST				
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	2 WAA				
	Agri-Dex	100%		L	1%	v/v			2 WAA				
5	Provisia	0.88	LB/GAL	EC	0.086	lb ai/a	12.5	oz/a	PEG- 24 POST	16.7a	1439abc	3078ab	3449ab
	Agri-Dex	100%		L	1%	v/v			PEG- 24 POST				
	Provisia	0.88	LB/GAL	EC	0.127	lb ai/a	18.5	oz/a	2 WAA				
	Agri-Dex	100%		L	1%	v/v			2 WAA				
6	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	2-3 LEAF	16.4a	1615abc	3468ab	3887ab
	Agri-Dex	100%		L	1%	v/v			2-3 LEAF				
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	2 WAA				
	Agri-Dex	100%		L	1%	v/v			2 WAA				
7	Provisia	0.88	LB/GAL	EC	0.086	lb ai/a	12.5	oz/a	2-3 LEAF	16.4a	1355c	2907b	3258b
	Agri-Dex	100%		L	1%	v/v			2-3 LEAF				
	Provisia	0.88	LB/GAL	EC	0.127	lb ai/a	18.5	oz/a	2 WAA				
	Agri-Dex	100%		L	1%	v/v			2 WAA				
8	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	16.2a	1557abc	3349ab	3754ab
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF				
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	2 WAA				
	Agri-Dex	100%		L	1%	v/v			2 WAA				
9	Provisia	0.88	LB/GAL	EC	0.086	lb ai/a	12.5	oz/a	3-4 LEAF	16.9a	1653ab	3530ab	3956ab
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF				
	Provisia	0.88	LB/GAL	EC	0.127	lb ai/a	18.5	oz/a	2 WAA				
	Agri-Dex	100%		L	1%	v/v			2 WAA				
10	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	4-5 LEAF	17.1a	1363bc	2905b	3256b
	Agri-Dex	100%		L	1%	v/v			4-5 LEAF				
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	2 WAA				
	Agri-Dex	100%		L	1%	v/v			2 WAA				
11	Provisia	0.88	LB/GAL	EC	0.086	lb ai/a	12.5	oz/a	4-5 LEAF	16.8a	1046d	2236c	2506c
	Agri-Dex	100%		L	1%	v/v			4-5 LEAF				
	Provisia	0.88	LB/GAL	EC	0.127	lb ai/a	18.5	oz/a	2 WAA				
	Agri-Dex	100%		L	1%	v/v			2 WAA				
LSD P=.05										1.17	294.4	640.9	718.4
Standard Deviation										0.81	203.9	443.8	497.5
CV										4.95	14.41	14.62	14.62
Replicate F										2.530	1.825	1.619	1.619
Replicate Prob(F)										0.0760	0.1639	0.2057	0.2057
Treatment F										2.114	8.742	8.337	8.337
Treatment Prob(F)										0.0553	0.0001	0.0001	0.0001

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School of Plant, Environmental and Soil Sciences

Provisia Antagonism With Tank Mixes From Two Water Sources

Experiment number .....: **C16-10**
Location.....: RRS-Crowley, LA
Experimental design .....: RCB
Number of reps.....: 4
Plot size.....: 5'x17'
Row width/# per plot .....: 7.5"/8
Soil type .....: Crowley silt loam (3% sand, 69% silt, 28% clay)
% OM .....: 1.4
pH .....: 6.4
CEC.....: 19.1
Crop/Variety .....: Provisia
Planting date .....: 5/10/16
Emergence date .....: 5/22/16
Harvest date .....: 9/6/16

Application type .....: 3-4 LEAF
Date applied [mm/dd/yy] .....: 6/10/16
Time [hh:mm-hh:mm] .....: 11:55-12:15p
Air/Soil temperature [F].....: 84/83
Relative humidity [%] .....: 76%
Wind [mph, direction] .....: 6-8, ESE
Weather [sunny, etc].....: pt. cloudy
Soil/Leaf surface moist .....: dry/dry
Crop stage/Height.....: 3-4lf/6-8"
Sprayer type/MPH .....: BKPK/3.0
Nozzle type/Size* .....: FF/110015
Boom ht/# Noz/Spacing .....: 15/5/15
GPA/PSI.....: 15/21
Applied by.....: SYR

Weed Species (population)..:- (height/#leaves) -
ECHCG(50-75m^{-2}) .....: 3-8"/3-6lf

LEFPA(10-30m^{-2}).....: 2-6"/2-5lf
ORYSA(20-30m^{-2}) .....: 6-8"/3-4lf
CL111(20-30m^{-2}) .....: 6-8"/3-4lf
CLXL745(20-30m^{-2}) .....: 6-8"/3-4lf

Flush Dates .....: 5/12/16
Permanent Flood .....: 6/16/16

*AMFF – Air mix flat fan nozzles

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Provisia Antagonism With Tank Mixes From Two Water Sources

Trial ID:C16-10 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-10 Investigator:Eric P. Webster

Pest Code								CL111	CL111	CL111
Rating Date								Jun-21-2016	Jul-5-2016	Jul-18-2016
Rating Type								CONTROL	CONTROL	CONTROL
Rating Unit								%	%	%
Trt-Eval Interval								11 DA 3-4LF	25 DA 3-4LF	38 DA 3-4LF
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
1	Crowley Water									0g	0f	0f
	No Provisia											
	No Mix Partner											
	Agri-dex	100%		L	1%	v/v						
2	Crowley Water									0g	0f	0f
	No Provisia											
	Permit	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
3	Crowley Water									0g	0f	0f
	No Provisia											
	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	3-4 LEAF			
4	Crowley Water									0g	0f	0f
	No Provisia											
	Grasp Xtra	1.75	LBAE/GAL	SC	0.314	lb ae/a	23	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
5	Crowley Water									0g	0f	0f
	No Provisia											
	Basagran 5L	5	LB/GAL	L	0.94	lb ai/a	1.5	pt/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
6	Crowley Water									89a	97a	98a
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
	No Mix Partner											
	Agri-dex	100%		L	1%	v/v						
7	Crowley Water									84b	93ab	86c
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
	Permit	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
8	Crowley Water									73ef	79d	76d
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	3-4 LEAF			
9	Crowley Water									79cd	81d	74d
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
	Grasp Xtra	1.75	LBAE/GAL	SC	0.314	lb ae/a	23	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
10	Crowley Water									86ab	88bc	93b
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
	Basagran 5L	5	LB/GAL	L	0.94	lb ai/a	1.5	pt/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
11	St. Jo Water									0g	0f	0f
	No Provisia											
	No Mix Partner											
	Agri-dex	100%		L	1%	v/v						
12	St. Jo Water									0g	0f	0f
	No Provisia											
	Permit	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
13	St. Jo Water									0g	0f	0f
	No Provisia											
	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	3-4 LEAF			

Means followed by same letter or symbol do not significantly differ (P=.05, LSD)

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Provisia Antagonism With Tank Mixes From Two Water Sources

Trial ID:C16-10 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-10 Investigator:Eric P. Webster

Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	CL111	CL111	CL111
	Pest Code									CL111	CL111	CL111
	Rating Date									Jun-21-2016	Jul-5-2016	Jul-18-2016
	Rating Type									CONTROL	CONTROL	CONTROL
	Rating Unit									%	%	%
	Trt-Eval Interval									11 DA 3-4LF	25 DA 3-4LF	38 DA 3-4LF
14	St. Jo Water									0g	0f	0f
	No Provisia											
	Grasp Xtra	1.75	LBAE/GAL	SC	0.314	lb ae/a	23	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
15	St. Jo Water									0g	0f	0f
	No Provisia											
	Basagran 5L	5	LB/GAL	L	0.94	lb ai/a	1.5	pt/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
16	St. Jo Water									90a	97a	99a
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
	No Mix Partner											
	Agri-dex	100%		L	1%	v/v						
17	St. Jo Water									83b	91bc	90bc
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
	Permit	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
18	St. Jo Water									71f	69e	66e
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	3-4 LEAF			
19	St. Jo Water									76de	73e	68e
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
	Grasp Xtra	1.75	LBAE/GAL	SC	0.314	lb ae/a	23	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
20	St. Jo Water									83bc	87c	94ab
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
	Basagran 5L	5	LB/GAL	L	0.94	lb ai/a	1.5	pt/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
	LSD P=.05									3.8	4.7	4.3
	Standard Deviation									2.7	3.3	3.0
	CV									6.66	7.72	7.14
	Replicate F									0.129	1.335	0.165
	Replicate Prob(F)									0.9426	0.2721	0.9195
	Treatment F									959.302	723.140	857.330
	Treatment Prob(F)									0.0001	0.0001	0.0001

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Provisia Antagonism With Tank Mixes From Two Water Sources

Trial ID:C16-10 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-10 Investigator:Eric P. Webster

Pest Code									CL111	CLXL745	CLXL745
Rating Date									Aug-9-2016	Jun-21-2016	Jul-5-2016
Rating Type									CONTROL	CONTROL	CONTROL
Rating Unit									%	%	%
Trt-Eval Interval									60 DA 3-4LF	11 DA 3-4LF	25 DA 3-4LF
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
1	Crowley Water									0g	0f	0f
	No Provisia											
	No Mix Partner											
	Agri-dex	100%		L	1%	v/v						
2	Crowley Water									73de	0f	0f
	No Provisia											
	Permit	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
3	Crowley Water									66ef	0f	0f
	No Provisia											
	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	3-4 LEAF			
4	Crowley Water									61f	0f	0f
	No Provisia											
	Grasp Xtra	1.75	LBAE/GAL	SC	0.314	lb ae/a	23	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
5	Crowley Water									69ef	0f	0f
	No Provisia											
	Basagran 5L	5	LB/GAL	L	0.94	lb ai/a	1.5	pt/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
6	Crowley Water									99a	90a	98a
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
	No Mix Partner											
	Agri-dex	100%		L	1%	v/v						
7	Crowley Water									99a	85b	90b
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
	Permit	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
8	Crowley Water									95ab	80c	74d
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	3-4 LEAF			
9	Crowley Water									88bc	75d	83c
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
	Grasp Xtra	1.75	LBAE/GAL	SC	0.314	lb ae/a	23	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
10	Crowley Water									99a	83bc	88b
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
	Basagran 5L	5	LB/GAL	L	0.94	lb ai/a	1.5	pt/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
11	St. Jo Water									0g	0f	0f
	No Provisia											
	No Mix Partner											
	Agri-dex	100%		L	1%	v/v						
12	St. Jo Water									68ef	0f	0f
	No Provisia											
	Permit	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
13	St. Jo Water									68ef	0f	0f
	No Provisia											
	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	3-4 LEAF			

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Provisia Antagonism With Tank Mixes From Two Water Sources

Trial ID:C16-10 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-10 Investigator:Eric P. Webster

Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	CL111	CLXL745	CLXL745
Rating Date										Aug-9-2016	Jun-21-2016	Jul-5-2016
Rating Type										CONTROL	CONTROL	CONTROL
Rating Unit										%	%	%
Trt-Eval Interval										60 DA 3-4LF	11 DA 3-4LF	25 DA 3-4LF
14	St. Jo Water									70ef	0f	0f
	No Provisia											
	Grasp Xtra	1.75	LBAE/GAL	SC	0.314	lb ae/a	23	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
15	St. Jo Water									68ef	0f	0f
	No Provisia											
	Basagran 5L	5	LB/GAL	L	0.94	lb ai/a	1.5	pt/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
16	St. Jo Water									98a	91a	96a
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
	No Mix Partner											
	Agri-dex	100%		L	1%	v/v						
17	St. Jo Water									99a	80c	89b
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
	Permit	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
18	St. Jo Water									88bc	69e	68e
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	3-4 LEAF			
19	St. Jo Water									81cd	75d	70de
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
	Grasp Xtra	1.75	LBAE/GAL	SC	0.314	lb ae/a	23	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
20	St. Jo Water									98a	83bc	91b
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
	Basagran 5L	5	LB/GAL	L	0.94	lb ai/a	1.5	pt/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
LSD P=.05										8.9	4.0	4.5
Standard Deviation										6.3	2.9	3.2
CV										8.49	7.06	7.51
Replicate F										2.221	0.386	1.830
Replicate Prob(F)										0.0956	0.7637	0.1520
Treatment F										83.522	856.162	767.014
Treatment Prob(F)										0.0001	0.0001	0.0001

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Provisia Antagonism With Tank Mixes From Two Water Sources

Trial ID:C16-10 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-10 Investigator:Eric P. Webster

Pest Code								CLXL745	CLXL745	ORYSA
Rating Date								Jul-18-2016	Aug-9-2016	Jun-21-2016
Rating Type								CONTROL	CONTROL	CONTROL
Rating Unit								%	%	%
Trt-Eval Interval								38 DA 3-4LF	60 DA 3-4LF	11 DA 3-4LF
Trt Treatment No. Name	Form Conc	Form Unit	Form Type	Rate Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
1 Crowley Water									0f	0g	0e
No Provisia											
No Mix Partner											
Agri-dex	100%		L	1%	v/v						
2 Crowley Water									0f	73de	0e
No Provisia											
Permit	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF			
Agri-dex	100%		L	1%	v/v			3-4 LEAF			
3 Crowley Water									0f	66ef	0e
No Provisia											
RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	3-4 LEAF			
4 Crowley Water									0f	64f	0e
No Provisia											
Grasp Xtra	1.75	LBAE/GAL	SC	0.314	lb ae/a	23	oz/a	3-4 LEAF			
Agri-dex	100%		L	1%	v/v			3-4 LEAF			
5 Crowley Water									0f	69ef	0e
No Provisia											
Basagran 5L	5	LB/GAL	L	0.94	lb ai/a	1.5	pt/a	3-4 LEAF			
Agri-dex	100%		L	1%	v/v			3-4 LEAF			
6 Crowley Water									99a	99a	92a
Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
No Mix Partner											
Agri-dex	100%		L	1%	v/v						
7 Crowley Water									95b	99a	87b
Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
Permit	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF			
Agri-dex	100%		L	1%	v/v			3-4 LEAF			
8 Crowley Water									73d	91b	80c
Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	3-4 LEAF			
9 Crowley Water									76d	86b	80c
Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
Grasp Xtra	1.75	LBAE/GAL	SC	0.314	lb ae/a	23	oz/a	3-4 LEAF			
Agri-dex	100%		L	1%	v/v			3-4 LEAF			
10 Crowley Water									95b	98a	87b
Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
Basagran 5L	5	LB/GAL	L	0.94	lb ai/a	1.5	pt/a	3-4 LEAF			
Agri-dex	100%		L	1%	v/v			3-4 LEAF			
11 St. Jo Water									0f	0g	0e
No Provisia											
No Mix Partner											
Agri-dex	100%		L	1%	v/v						
12 St. Jo Water									0f	68ef	0e
No Provisia											
Permit	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF			
Agri-dex	100%		L	1%	v/v			3-4 LEAF			
13 St. Jo Water									0f	73de	0e
No Provisia											
RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	3-4 LEAF			

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Provisia Antagonism With Tank Mixes From Two Water Sources

Trial ID:C16-10 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-10 Investigator:Eric P. Webster

Pest Code								CLXL745	CLXL745	ORYSA
Rating Date								Jul-18-2016	Aug-9-2016	Jun-21-2016
Rating Type								CONTROL	CONTROL	CONTROL
Rating Unit								%	%	%
Trt-Eval Interval								38 DA 3-4LF	60 DA 3-4LF	11 DA 3-4LF
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
14	St. Jo Water									0f	68ef	0e
	No Provisia											
	Grasp Xtra	1.75	LBAE/GAL	SC	0.314	lb ae/a	23	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
15	St. Jo Water									0f	64f	0e
	No Provisia											
	Basagran 5L	5	LB/GAL	L	0.94	lb ai/a	1.5	pt/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
16	St. Jo Water									99ab	98a	91a
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
	No Mix Partner											
	Agri-dex	100%		L	1%	v/v						
17	St. Jo Water									87c	99a	76d
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
	Permit	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
18	St. Jo Water									66e	85bc	80c
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	3-4 LEAF			
19	St. Jo Water									68e	79cd	85b
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
	Grasp Xtra	1.75	LBAE/GAL	SC	0.314	lb ae/a	23	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
20	St. Jo Water									95b	98a	85b
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
	Basagran 5L	5	LB/GAL	L	0.94	lb ai/a	1.5	pt/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
LSD P=.05										3.9	6.4	3.4
Standard Deviation										2.8	4.5	2.4
CV										6.49	6.16	5.77
Replicate F										0.177	1.501	0.689
Replicate Prob(F)										0.9118	0.2239	0.5626
Treatment F										1042.962	158.565	1272.496
Treatment Prob(F)										0.0001	0.0001	0.0001

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Provisia Antagonism With Tank Mixes From Two Water Sources

Trial ID:C16-10 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-10 Investigator:Eric P. Webster

Pest Code Rating Date Rating Type Rating Unit Trt-Eval Interval								ORYSA Jul-5-2016 CONTROL % 25 DA 3-4LF	ORYSA Jul-18-2016 CONTROL % 38 DA 3-4LF	ORYSA Aug-9-2016 CONTROL % 60 DA 3-4LF
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
1	Crowley Water									0f	0e	0f
	No Provisia											
	No Mix Partner											
	Agri-dex	100%		L	1%	v/v						
2	Crowley Water									0f	0e	68cde
	No Provisia											
	Permit	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
3	Crowley Water									0f	0e	66cde
	No Provisia											
	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	3-4 LEAF			
4	Crowley Water									0f	0e	64e
	No Provisia											
	Grasp Xtra	1.75	LBAE/GAL	SC	0.314	lb ae/a	23	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
5	Crowley Water									0f	0e	70cd
	No Provisia											
	Basagran 5L	5	LB/GAL	L	0.94	lb ai/a	1.5	pt/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
6	Crowley Water									99a	99a	99a
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
	No Mix Partner											
	Agri-dex	100%		L	1%	v/v						
7	Crowley Water									91bc	92b	98a
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
	Permit	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
8	Crowley Water									74d	76c	81b
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	3-4 LEAF			
9	Crowley Water									76d	78c	84b
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
	Grasp Xtra	1.75	LBAE/GAL	SC	0.314	lb ae/a	23	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
10	Crowley Water									89c	95ab	99a
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
	Basagran 5L	5	LB/GAL	L	0.94	lb ai/a	1.5	pt/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
11	St. Jo Water									0f	0e	0f
	No Provisia											
	No Mix Partner											
	Agri-dex	100%		L	1%	v/v						
12	St. Jo Water									0f	0e	64e
	No Provisia											
	Permit	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
13	St. Jo Water									0f	0e	65de
	No Provisia											
	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	3-4 LEAF			

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Provisia Antagonism With Tank Mixes From Two Water Sources

Trial ID:C16-10 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-10 Investigator:Eric P. Webster

Pest Code								ORYSA	ORYSA	ORYSA
Rating Date								Jul-5-2016	Jul-18-2016	Aug-9-2016
Rating Type								CONTROL	CONTROL	CONTROL
Rating Unit								%	%	%
Trt-Eval Interval								25 DA 3-4LF	38 DA 3-4LF	60 DA 3-4LF
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
14	St. Jo Water									0f	0e	71c
	No Provisia											
	Grasp Xtra	1.75	LBAE/GAL	SC	0.314	lb ae/a	23	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
15	St. Jo Water									0f	0e	71c
	No Provisia											
	Basagran 5L	5	LB/GAL	L	0.94	lb ai/a	1.5	pt/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
16	St. Jo Water									97a	98a	99a
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
	No Mix Partner											
	Agri-dex	100%		L	1%	v/v						
17	St. Jo Water									89c	91b	99a
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
	Permit	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
18	St. Jo Water									69e	70d	83b
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	3-4 LEAF			
19	St. Jo Water									73de	71d	84b
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
	Grasp Xtra	1.75	LBAE/GAL	SC	0.314	lb ae/a	23	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
20	St. Jo Water									95ab	95ab	98a
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
	Basagran 5L	5	LB/GAL	L	0.94	lb ai/a	1.5	pt/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
LSD P=.05										4.8	4.1	5.5
Standard Deviation										3.4	2.9	3.9
CV										7.96	6.71	5.36
Replicate F										3.855	0.322	1.738
Replicate Prob(F)										0.0140	0.8094	0.1695
Treatment F										685.863	965.044	209.967
Treatment Prob(F)										0.0001	0.0001	0.0001

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Provisia Antagonism With Tank Mixes From Two Water Sources

Trial ID:C16-10 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-10 Investigator:Eric P. Webster

Pest Code Rating Date Rating Type Rating Unit Trt-Eval Interval								ECHCG Jun-21-2016 CONTROL % 11 DA 3-4LF	ECHCG Jul-5-2016 CONTROL % 25 DA 3-4LF	ECHCG Jul-18-2016 CONTROL % 38 DA 3-4LF
Trt Treatment No. Name	Form Conc	Form Unit	Form Type	Rate Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage		
1 Crowley Water									0j	0g	0e
No Provisia											
No Mix Partner											
Agri-dex	100%		L	1%	v/v						
2 Crowley Water									0j	0g	0e
No Provisia											
Permit	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF			
Agri-dex	100%		L	1%	v/v			3-4 LEAF			
3 Crowley Water									30i	28cde	16d
No Provisia											
RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	3-4 LEAF			
4 Crowley Water									55g	14f	0e
No Provisia											
Grasp Xtra	1.75	LBAE/GAL	SC	0.314	lb ae/a	23	oz/a	3-4 LEAF			
Agri-dex	100%		L	1%	v/v			3-4 LEAF			
5 Crowley Water									26i	21ef	0e
No Provisia											
Basagran 5L	5	LB/GAL	L	0.94	lb ai/a	1.5	pt/a	3-4 LEAF			
Agri-dex	100%		L	1%	v/v			3-4 LEAF			
6 Crowley Water									86ab	97a	99a
Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
No Mix Partner											
Agri-dex	100%		L	1%	v/v						
7 Crowley Water									79cd	95a	96a
Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
Permit	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF			
Agri-dex	100%		L	1%	v/v			3-4 LEAF			
8 Crowley Water									44h	31c	16d
Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	3-4 LEAF			
9 Crowley Water									68f	48b	30c
Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
Grasp Xtra	1.75	LBAE/GAL	SC	0.314	lb ae/a	23	oz/a	3-4 LEAF			
Agri-dex	100%		L	1%	v/v			3-4 LEAF			
10 Crowley Water									79cd	91a	96a
Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
Basagran 5L	5	LB/GAL	L	0.94	lb ai/a	1.5	pt/a	3-4 LEAF			
Agri-dex	100%		L	1%	v/v			3-4 LEAF			
11 St. Jo Water									0j	0g	0e
No Provisia											
No Mix Partner											
Agri-dex	100%		L	1%	v/v						
12 St. Jo Water									0j	0g	0e
No Provisia											
Permit	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF			
Agri-dex	100%		L	1%	v/v			3-4 LEAF			
13 St. Jo Water									45h	28cde	14d
No Provisia											
RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	3-4 LEAF			

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Provisia Antagonism With Tank Mixes From Two Water Sources

Trial ID:C16-10 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-10 Investigator:Eric P. Webster

Pest Code									ECHCG	ECHCG	ECHCG
Rating Date									Jun-21-2016	Jul-5-2016	Jul-18-2016
Rating Type									CONTROL	CONTROL	CONTROL
Rating Unit									%	%	%
Trt-Eval Interval									11 DA 3-4LF	25 DA 3-4LF	38 DA 3-4LF
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
14	St. Jo Water									25i	30cd	0e
	No Provisia											
	Grasp Xtra	1.75	LBAE/GAL	SC	0.314	lb ae/a	23	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
15	St. Jo Water									0j	0g	0e
	No Provisia											
	Basagran 5L	5	LB/GAL	L	0.94	lb ai/a	1.5	pt/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
16	St. Jo Water									89a	95a	98a
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
	No Mix Partner											
	Agri-dex	100%		L	1%	v/v						
17	St. Jo Water									75de	97a	96a
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
	Permit	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
18	St. Jo Water									43h	23de	26c
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	3-4 LEAF			
19	St. Jo Water									70ef	50b	40b
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
	Grasp Xtra	1.75	LBAE/GAL	SC	0.314	lb ae/a	23	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
20	St. Jo Water									81bc	93a	96a
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
	Basagran 5L	5	LB/GAL	L	0.94	lb ai/a	1.5	pt/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
LSD P=.05										6.2	8.0	8.5
Standard Deviation										4.4	5.7	6.0
CV										9.74	13.5	16.69
Replicate F										3.292	1.295	1.941
Replicate Prob(F)										0.0269	0.2850	0.1332
Treatment F										226.790	182.632	196.228
Treatment Prob(F)										0.0001	0.0001	0.0001

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Provisia Antagonism With Tank Mixes From Two Water Sources

Trial ID:C16-10 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-10 Investigator:Eric P. Webster

Pest Code Rating Date Rating Type Rating Unit Trt-Eval Interval								ECHCG Aug-9-2016 CONTROL % 60 DA 3-4LF	LEFPA Jul-18-2016 CONTROL % 38 DA 3-4LF	LEFPA Aug-9-2016 CONTROL % 60 DA 3-4LF
Trt Treatment No. Name	Form Conc	Form Unit	Form Type	Rate Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage		
1 Crowley Water									0g	0e	0d
No Provisia											
No Mix Partner											
Agri-dex	100%		L	1%	v/v						
2 Crowley Water									76b-e	0e	80c
No Provisia											
Permit	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF			
Agri-dex	100%		L	1%	v/v			3-4 LEAF			
3 Crowley Water									76b-e	34d	81c
No Provisia											
RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	3-4 LEAF			
4 Crowley Water									79bcd	0e	78c
No Provisia											
Grasp Xtra	1.75	LBAE/GAL	SC	0.314	lb ae/a	23	oz/a	3-4 LEAF			
Agri-dex	100%		L	1%	v/v			3-4 LEAF			
5 Crowley Water									70f	0e	78c
No Provisia											
Basagran 5L	5	LB/GAL	L	0.94	lb ai/a	1.5	pt/a	3-4 LEAF			
Agri-dex	100%		L	1%	v/v			3-4 LEAF			
6 Crowley Water									98a	98a	99a
Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
No Mix Partner											
Agri-dex	100%		L	1%	v/v						
7 Crowley Water									96a	96a	98a
Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
Permit	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF			
Agri-dex	100%		L	1%	v/v			3-4 LEAF			
8 Crowley Water									71ef	83b	98a
Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	3-4 LEAF			
9 Crowley Water									81b	84b	96ab
Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
Grasp Xtra	1.75	LBAE/GAL	SC	0.314	lb ae/a	23	oz/a	3-4 LEAF			
Agri-dex	100%		L	1%	v/v			3-4 LEAF			
10 Crowley Water									99a	97a	99a
Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
Basagran 5L	5	LB/GAL	L	0.94	lb ai/a	1.5	pt/a	3-4 LEAF			
Agri-dex	100%		L	1%	v/v			3-4 LEAF			
11 St. Jo Water									0g	0e	0d
No Provisia											
No Mix Partner											
Agri-dex	100%		L	1%	v/v						
12 St. Jo Water									78bcd	0e	75c
No Provisia											
Permit	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF			
Agri-dex	100%		L	1%	v/v			3-4 LEAF			
13 St. Jo Water									78bcd	30d	80c
No Provisia											
RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	3-4 LEAF			

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Provisia Antagonism With Tank Mixes From Two Water Sources

Trial ID:C16-10 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-10 Investigator:Eric P. Webster

Pest Code								ECHCG	LEFPA	LEFPA
Rating Date								Aug-9-2016	Jul-18-2016	Aug-9-2016
Rating Type								CONTROL	CONTROL	CONTROL
Rating Unit								%	%	%
Trt-Eval Interval								60 DA 3-4LF	38 DA 3-4LF	60 DA 3-4LF
Trt Treatment No. Name	Form Conc	Form Unit	Form Type	Rate Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
14 St. Jo Water									75c-f	0e	75c
No Provisia											
Grasp Xtra	1.75	LBAE/GAL	SC	0.314	lb ae/a	23	oz/a	3-4 LEAF			
Agri-dex	100%		L	1%	v/v			3-4 LEAF			
15 St. Jo Water									74def	0e	75c
No Provisia											
Basagran 5L	5	LB/GAL	L	0.94	lb ai/a	1.5	pt/a	3-4 LEAF			
Agri-dex	100%		L	1%	v/v			3-4 LEAF			
16 St. Jo Water									97a	99a	98a
Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
No Mix Partner											
Agri-dex	100%		L	1%	v/v						
17 St. Jo Water									99a	96a	99a
Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
Permit	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF			
Agri-dex	100%		L	1%	v/v			3-4 LEAF			
18 St. Jo Water									78bcd	65c	91b
Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	3-4 LEAF			
19 St. Jo Water									80bc	80b	94ab
Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
Grasp Xtra	1.75	LBAE/GAL	SC	0.314	lb ae/a	23	oz/a	3-4 LEAF			
Agri-dex	100%		L	1%	v/v			3-4 LEAF			
20 St. Jo Water									99a	98a	99a
Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
Basagran 5L	5	LB/GAL	L	0.94	lb ai/a	1.5	pt/a	3-4 LEAF			
Agri-dex	100%		L	1%	v/v			3-4 LEAF			
LSD P=.05									5.6	4.6	6.4
Standard Deviation									3.9	3.3	4.5
CV									5.24	6.81	5.71
Replicate F									2.830	2.767	2.078
Replicate Prob(F)									0.0464	0.0500	0.1132
Treatment F									197.176	738.216	161.381
Treatment Prob(F)									0.0001	0.0001	0.0001

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Provisia Antagonism With Tank Mixes From Two Water Sources

Trial ID:C16-10 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-10 Investigator:Eric P. Webster

Pest Code Rating Date Rating Type Rating Unit Trt-Eval Interval								RICE Jun-21-2016 INJURY % 11 DA 3-4LF	RICE Jul-5-2016 INJURY % 25 DA 3-4LF	RICE Jul-18-2016 INJURY % 38 DA 3-4LF
Trt Treatment No. Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage		
1 Crowley Water									0a	0a	0a
No Provisia											
No Mix Partner											
Agri-dex	100%		L	1%	v/v						
2 Crowley Water									0a	0a	0a
No Provisia											
Permit	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF			
Agri-dex	100%		L	1%	v/v			3-4 LEAF			
3 Crowley Water									0a	0a	0a
No Provisia											
RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	3-4 LEAF			
4 Crowley Water									0a	0a	0a
No Provisia											
Grasp Xtra	1.75	LBAE/GAL	SC	0.314	lb ae/a	23	oz/a	3-4 LEAF			
Agri-dex	100%		L	1%	v/v			3-4 LEAF			
5 Crowley Water									0a	0a	0a
No Provisia											
Basagran 5L	5	LB/GAL	L	0.94	lb ai/a	1.5	pt/a	3-4 LEAF			
Agri-dex	100%		L	1%	v/v			3-4 LEAF			
6 Crowley Water									0a	0a	0a
Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
No Mix Partner											
Agri-dex	100%		L	1%	v/v						
7 Crowley Water									0a	0a	0a
Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
Permit	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF			
Agri-dex	100%		L	1%	v/v			3-4 LEAF			
8 Crowley Water									0a	0a	0a
Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	3-4 LEAF			
9 Crowley Water									0a	0a	0a
Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
Grasp Xtra	1.75	LBAE/GAL	SC	0.314	lb ae/a	23	oz/a	3-4 LEAF			
Agri-dex	100%		L	1%	v/v			3-4 LEAF			
10 Crowley Water									0a	0a	0a
Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
Basagran 5L	5	LB/GAL	L	0.94	lb ai/a	1.5	pt/a	3-4 LEAF			
Agri-dex	100%		L	1%	v/v			3-4 LEAF			
11 St. Jo Water									0a	0a	0a
No Provisia											
No Mix Partner											
Agri-dex	100%		L	1%	v/v						
12 St. Jo Water									0a	0a	0a
No Provisia											
Permit	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF			
Agri-dex	100%		L	1%	v/v			3-4 LEAF			
13 St. Jo Water									0a	0a	0a
No Provisia											
RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	3-4 LEAF			

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Provisia Antagonism With Tank Mixes From Two Water Sources

Trial ID:C16-10 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-10 Investigator:Eric P. Webster

Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	RICE Jun-21-2016 INJURY % 11 DA 3-4LF	RICE Jul-5-2016 INJURY % 25 DA 3-4LF	RICE Jul-18-2016 INJURY % 38 DA 3-4LF
14	St. Jo Water									0a	0a	0a
	No Provisia											
	Grasp Xtra	1.75	LBAE/GAL	SC	0.314	lb ae/a	23	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
15	St. Jo Water									0a	0a	0a
	No Provisia											
	Basagran 5L	5	LB/GAL	L	0.94	lb ai/a	1.5	pt/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
16	St. Jo Water									0a	0a	0a
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
	No Mix Partner											
	Agri-dex	100%		L	1%	v/v						
17	St. Jo Water									0a	0a	0a
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
	Permit	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
18	St. Jo Water									0a	0a	0a
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	3-4 LEAF			
19	St. Jo Water									0a	0a	0a
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
	Grasp Xtra	1.75	LBAE/GAL	SC	0.314	lb ae/a	23	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
20	St. Jo Water									0a	0a	0a
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
	Basagran 5L	5	LB/GAL	L	0.94	lb ai/a	1.5	pt/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
LSD P=.05										.	.	.
Standard Deviation										0.0	0.0	0.0
CV										0.0	0.0	0.0
Replicate F										0.000	0.000	0.000
Replicate Prob(F)										1.0000	1.0000	1.0000
Treatment F										0.000	0.000	0.000
Treatment Prob(F)										1.0000	1.0000	1.0000

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Provisia Antagonism With Tank Mixes From Two Water Sources

Trial ID:C16-10 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-10 Investigator:Eric P. Webster

Pest Code Rating Date Rating Type Rating Unit Trt-Eval Interval								RICE Aug-9-2016 INJURY % 60 DA 3-4LF	RICE Sep-6-2016 HEIGHT CM AT HARVEST	RICE Sep-6-2016 HEIGHT CM AT HARVEST
Trt Treatment No. Name	Form Conc	Form Unit	Form Type	Rate Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage		
1 Crowley Water									0a	77g	80g
No Provisia										
No Mix Partner										
Agri-dex	100%		L	1%	v/v					
2 Crowley Water									0a	89def	85d-g
No Provisia										
Permit	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF		
Agri-dex	100%		L	1%	v/v			3-4 LEAF		
3 Crowley Water									0a	91b-e	89c-f
No Provisia										
RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	3-4 LEAF		
4 Crowley Water									0a	96a-d	94abc
No Provisia										
Grasp Xtra	1.75	LBAE/GAL	SC	0.314	lb ae/a	23	oz/a	3-4 LEAF		
Agri-dex	100%		L	1%	v/v			3-4 LEAF		
5 Crowley Water									0a	82fg	81g
No Provisia										
Basagran 5L	5	LB/GAL	L	0.94	lb ai/a	1.5	pt/a	3-4 LEAF		
Agri-dex	100%		L	1%	v/v			3-4 LEAF		
6 Crowley Water									0a	94a-d	91b-e
Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF		
No Mix Partner										
Agri-dex	100%		L	1%	v/v					
7 Crowley Water									0a	102a	98ab
Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF		
Permit	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF		
Agri-dex	100%		L	1%	v/v			3-4 LEAF		
8 Crowley Water									0a	92b-e	93abc
Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF		
RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	3-4 LEAF		
9 Crowley Water									0a	94a-e	94abc
Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF		
Grasp Xtra	1.75	LBAE/GAL	SC	0.314	lb ae/a	23	oz/a	3-4 LEAF		
Agri-dex	100%		L	1%	v/v			3-4 LEAF		
10 Crowley Water									0a	98abc	99a
Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF		
Basagran 5L	5	LB/GAL	L	0.94	lb ai/a	1.5	pt/a	3-4 LEAF		
Agri-dex	100%		L	1%	v/v			3-4 LEAF		
11 St. Jo Water									0a	85efg	84efg
No Provisia										
No Mix Partner										
Agri-dex	100%		L	1%	v/v					
12 St. Jo Water									0a	89def	82fg
No Provisia										
Permit	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF		
Agri-dex	100%		L	1%	v/v			3-4 LEAF		
13 St. Jo Water									0a	90cde	92a-d
No Provisia										
RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	3-4 LEAF		

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Provisia Antagonism With Tank Mixes From Two Water Sources

Trial ID:C16-10 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-10 Investigator:Eric P. Webster

Pest Code								RICE	RICE	RICE
Rating Date								Aug-9-2016	Sep-6-2016	Sep-6-2016
Rating Type								INJURY	HEIGHT	HEIGHT
Rating Unit								%	CM	CM
Trt-Eval Interval								60 DA 3-4LF	AT HARVEST	AT HARVEST
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
14	St. Jo Water									0a	96a-d	93abc
	No Provisia											
	Grasp Xtra	1.75	LBAE/GAL	SC	0.314	lb ae/a	23	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
15	St. Jo Water									0a	86efg	83efg
	No Provisia											
	Basagran 5L	5	LB/GAL	L	0.94	lb ai/a	1.5	pt/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
16	St. Jo Water									0a	90cde	93a-d
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
	No Mix Partner											
	Agri-dex	100%		L	1%	v/v						
17	St. Jo Water									0a	100ab	95abc
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
	Permit	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
18	St. Jo Water									0a	99ab	95abc
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	3-4 LEAF			
19	St. Jo Water									0a	100a	100a
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
	Grasp Xtra	1.75	LBAE/GAL	SC	0.314	lb ae/a	23	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
20	St. Jo Water									0a	99ab	99a
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
	Basagran 5L	5	LB/GAL	L	0.94	lb ai/a	1.5	pt/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
LSD P=.05										.	8.5	7.8
Standard Deviation										0.0	6.0	5.5
CV										0.0	6.48	6.07
Replicate F										0.000	2.571	2.178
Replicate Prob(F)										1.0000	0.0630	0.1005
Treatment F										0.000	4.846	5.241
Treatment Prob(F)										1.0000	0.0001	0.0001

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Provisia Antagonism With Tank Mixes From Two Water Sources

Trial ID:C16-10 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-10 Investigator:Eric P. Webster

Pest Code Rating Date Rating Type Rating Unit Trt-Eval Interval								RICE Sep-6-2016 HEIGHT CM AT HARVEST	RICE Sep-6-2016 HEIGHT CM AT HARVEST	RICE Sep-6-2016 AVG HEIGHT CM AT HARVEST
Trt Treatment No. Name	Form Form Conc Unit	Form Type	Rate Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
1Crowley Water								80h	82f	80h
No Provisia										
No Mix Partner										
Agri-dex	100%	L	1%	v/v						
2Crowley Water								86fgh	85ef	86e-h
No Provisia										
Permit	75%	WG	0.047	lb ai/a	1	oz/a	3-4 LEAF			
Agri-dex	100%	L	1%	v/v			3-4 LEAF			
3Crowley Water								90efg	88def	90d-g
No Provisia										
RiceBeaux	6	LB/GAL EC	6	lb ai/a	4	qt/a	3-4 LEAF			
4Crowley Water								94a-e	93b-e	94a-d
No Provisia										
Grasp Xtra	1.75	LBAE/GAL SC	0.314	lb ae/a	23	oz/a	3-4 LEAF			
Agri-dex	100%	L	1%	v/v			3-4 LEAF			
5Crowley Water								83h	82f	82h
No Provisia										
Basagran 5L	5	LB/GAL L	0.94	lb ai/a	1.5	pt/a	3-4 LEAF			
Agri-dex	100%	L	1%	v/v			3-4 LEAF			
6Crowley Water								93b-e	99abc	94a-d
Provisia	0.88	LB/GAL EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
No Mix Partner										
Agri-dex	100%	L	1%	v/v						
7Crowley Water								100a	100ab	100a
Provisia	0.88	LB/GAL EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
Permit	75%	WG	0.047	lb ai/a	1	oz/a	3-4 LEAF			
Agri-dex	100%	L	1%	v/v			3-4 LEAF			
8Crowley Water								93a-e	97abc	94bcd
Provisia	0.88	LB/GAL EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
RiceBeaux	6	LB/GAL EC	6	lb ai/a	4	qt/a	3-4 LEAF			
9Crowley Water								97a-e	92cde	94a-d
Provisia	0.88	LB/GAL EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
Grasp Xtra	1.75	LBAE/GAL SC	0.314	lb ae/a	23	oz/a	3-4 LEAF			
Agri-dex	100%	L	1%	v/v			3-4 LEAF			
10Crowley Water								97a-e	98abc	98ab
Provisia	0.88	LB/GAL EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
Basagran 5L	5	LB/GAL L	0.94	lb ai/a	1.5	pt/a	3-4 LEAF			
Agri-dex	100%	L	1%	v/v			3-4 LEAF			
11St. Jo Water								84fgh	83f	84gh
No Provisia										
No Mix Partner										
Agri-dex	100%	L	1%	v/v						
12St. Jo Water								83gh	87ef	85fgh
No Provisia										
Permit	75%	WG	0.047	lb ai/a	1	oz/a	3-4 LEAF			
Agri-dex	100%	L	1%	v/v			3-4 LEAF			
13St. Jo Water								91c-f	93b-e	91cde
No Provisia										
RiceBeaux	6	LB/GAL EC	6	lb ai/a	4	qt/a	3-4 LEAF			

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Provisia Antagonism With Tank Mixes From Two Water Sources

Trial ID:C16-10 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-10 Investigator:Eric P. Webster

Pest Code								RICE	RICE	RICE
Rating Date								Sep-6-2016	Sep-6-2016	Sep-6-2016
Rating Type								HEIGHT	HEIGHT	AVG HEIGHT
Rating Unit								CM	CM	CM
Trt-Eval Interval								AT HARVEST	AT HARVEST	AT HARVEST
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
14	St. Jo Water									94a-e	93b-e	94a-d
	No Provisia											
	Grasp Xtra	1.75	LBAE/GAL	SC	0.314	lb ae/a	23	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
15	St. Jo Water									85fgh	86ef	85fgh
	No Provisia											
	Basagran 5L	5	LB/GAL	L	0.94	lb ai/a	1.5	pt/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
16	St. Jo Water									91def	88def	90def
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
	No Mix Partner											
	Agri-dex	100%		L	1%	v/v						
17	St. Jo Water									95a-e	97abc	97abc
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
	Permit	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
18	St. Jo Water									98ab	98abc	98abc
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	3-4 LEAF			
19	St. Jo Water									98abc	102a	100a
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
	Grasp Xtra	1.75	LBAE/GAL	SC	0.314	lb ae/a	23	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
20	St. Jo Water									98a-d	96a-d	98abc
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
	Basagran 5L	5	LB/GAL	L	0.94	lb ai/a	1.5	pt/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
LSD P=.05										7.2	8.1	6.2
Standard Deviation										5.1	5.8	4.4
CV										5.6	6.27	4.8
Replicate F										2.850	1.564	2.679
Replicate Prob(F)										0.0453	0.2081	0.0555
Treatment F										5.671	4.772	7.777
Treatment Prob(F)										0.0001	0.0001	0.0001

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Provisia Antagonism With Tank Mixes From Two Water Sources

Trial ID:C16-10 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-10 Investigator:Eric P. Webster

Pest Code Rating Date Rating Type Rating Unit Trt-Eval Interval								RICE Sep-6-2016 MOISTURE % AT HARVEST	RICE Sep-6-2016 YIELD g AT HARVEST	RICE Sep-6-2016 YIELD LB/A AT HARVEST
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
1	Crowley Water									17.4a	0f	0f
	No Provisia											
	No Mix Partner											
	Agri-dex	100%		L	1% v/v							
2	Crowley Water									17.4a	166f	427f
	No Provisia											
	Permit	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1% v/v				3-4 LEAF			
3	Crowley Water									17.4a	670cd	1727cd
	No Provisia											
	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	3-4 LEAF			
4	Crowley Water									17.4a	666cd	1717cd
	No Provisia											
	Grasp Xtra	1.75	LBAE/GAL	SC	0.314	lb ae/a	23	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1% v/v				3-4 LEAF			
5	Crowley Water									17.4a	0f	0f
	No Provisia											
	Basagran 5L	5	LB/GAL	L	0.94	lb ai/a	1.5	pt/a	3-4 LEAF			
	Agri-dex	100%		L	1% v/v				3-4 LEAF			
6	Crowley Water									17.4a	817c	2106c
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
	No Mix Partner											
	Agri-dex	100%		L	1% v/v							
7	Crowley Water									17.4a	1514a	3905a
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
	Permit	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1% v/v				3-4 LEAF			
8	Crowley Water									17.4a	1468a	3786a
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	3-4 LEAF			
9	Crowley Water									17.4a	805c	2077c
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
	Grasp Xtra	1.75	LBAE/GAL	SC	0.314	lb ae/a	23	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1% v/v				3-4 LEAF			
10	Crowley Water									17.4a	1645a	4244a
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
	Basagran 5L	5	LB/GAL	L	0.94	lb ai/a	1.5	pt/a	3-4 LEAF			
	Agri-dex	100%		L	1% v/v				3-4 LEAF			
11	St. Jo Water									17.4a	0f	0f
	No Provisia											
	No Mix Partner											
	Agri-dex	100%		L	1% v/v							
12	St. Jo Water									17.4a	0f	0f
	No Provisia											
	Permit	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1% v/v				3-4 LEAF			
13	St. Jo Water									17.4a	379e	977e
	No Provisia											
	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	3-4 LEAF			

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Provisia Antagonism With Tank Mixes From Two Water Sources

Trial ID:C16-10 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-10 Investigator:Eric P. Webster

Pest Code								RICE	RICE	RICE
Rating Date								Sep-6-2016	Sep-6-2016	Sep-6-2016
Rating Type								MOISTURE	YIELD	YIELD
Rating Unit								%	g	LB/A
Trt-Eval Interval								AT HARVEST	AT HARVEST	AT HARVEST
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
14	St. Jo Water									17.4a	608d	1568d
	No Provisia											
	Grasp Xtra	1.75	LBAE/GAL	SC	0.314	lb ae/a	23	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
15	St. Jo Water									17.4a	0f	0f
	No Provisia											
	Basagran 5L	5	LB/GAL	L	0.94	lb ai/a	1.5	pt/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
16	St. Jo Water									17.4a	1052b	2714b
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
	No Mix Partner											
	Agri-dex	100%		L	1%	v/v						
17	St. Jo Water									17.4a	1227b	3165b
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
	Permit	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
18	St. Jo Water									17.4a	1130b	2915b
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	3-4 LEAF			
19	St. Jo Water									17.4a	1160b	2992b
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
	Grasp Xtra	1.75	LBAE/GAL	SC	0.314	lb ae/a	23	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
20	St. Jo Water									17.4a	1658a	4275a
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
	Basagran 5L	5	LB/GAL	L	0.94	lb ai/a	1.5	pt/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
LSD P=.05										.	197.2	508.9
Standard Deviation										0.00	139.3	359.4
CV										0.0	18.62	18.62
Replicate F										0.000	0.370	0.368
Replicate Prob(F)										1.0000	0.7747	0.7765
Treatment F										0.000	72.566	72.538
Treatment Prob(F)										1.0000	0.0001	0.0001

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Provisia Antagonism With Tank Mixes From Two Water Sources

Trial ID:C16-10 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-10 Investigator:Eric P. Webster

Pest Code								RICE
Rating Date								Sep-6-2016
Rating Type								YIELD
Rating Unit								KG/HA
Trt-Eval Interval								AT HARVEST
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	
1	Crowley Water									0f
	No Provisia									
	No Mix Partner									
	Agri-dex	100%		L	1%	v/v				
2	Crowley Water									479f
	No Provisia									
	Permit	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF	
	Agri-dex	100%		L	1%	v/v			3-4 LEAF	
3	Crowley Water									1936cd
	No Provisia									
	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	3-4 LEAF	
4	Crowley Water									1926cd
	No Provisia									
	Grasp Xtra	1.75	LBAE/GAL	SC	0.314	lb ae/a	23	oz/a	3-4 LEAF	
	Agri-dex	100%		L	1%	v/v			3-4 LEAF	
5	Crowley Water									0f
	No Provisia									
	Basagran 5L	5	LB/GAL	L	0.94	lb ai/a	1.5	pt/a	3-4 LEAF	
	Agri-dex	100%		L	1%	v/v			3-4 LEAF	
6	Crowley Water									2362c
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	
	No Mix Partner									
	Agri-dex	100%		L	1%	v/v				
7	Crowley Water									4379a
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	
	Permit	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF	
	Agri-dex	100%		L	1%	v/v			3-4 LEAF	
8	Crowley Water									4245a
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	
	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	3-4 LEAF	
9	Crowley Water									2329c
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	
	Grasp Xtra	1.75	LBAE/GAL	SC	0.314	lb ae/a	23	oz/a	3-4 LEAF	
	Agri-dex	100%		L	1%	v/v			3-4 LEAF	
10	Crowley Water									4759a
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	
	Basagran 5L	5	LB/GAL	L	0.94	lb ai/a	1.5	pt/a	3-4 LEAF	
	Agri-dex	100%		L	1%	v/v			3-4 LEAF	
11	St. Jo Water									0f
	No Provisia									
	No Mix Partner									
	Agri-dex	100%		L	1%	v/v				
12	St. Jo Water									0f
	No Provisia									
	Permit	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF	
	Agri-dex	100%		L	1%	v/v			3-4 LEAF	
13	St. Jo Water									1095e
	No Provisia									
	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	3-4 LEAF	

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Provisia Antagonism With Tank Mixes From Two Water Sources

Trial ID:C16-10 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-10 Investigator:Eric P. Webster

Pest Code								RICE
Rating Date								Sep-6-2016
Rating Type								YIELD
Rating Unit								KG/HA
Trt-Eval Interval								AT HARVEST
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	
14	St. Jo Water									1758d
	No Provisia									
	Grasp Xtra	1.75	LBAE/GAL	SC	0.314	lb ae/a	23	oz/a	3-4 LEAF	
	Agri-dex	100%		L	1%	v/v			3-4 LEAF	
15	St. Jo Water									0f
	No Provisia									
	Basagran 5L	5	LB/GAL	L	0.94	lb ai/a	1.5	pt/a	3-4 LEAF	
	Agri-dex	100%		L	1%	v/v			3-4 LEAF	
16	St. Jo Water									3043b
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	
	No Mix Partner									
	Agri-dex	100%		L	1%	v/v				
17	St. Jo Water									3549b
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	
	Permit	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF	
	Agri-dex	100%		L	1%	v/v			3-4 LEAF	
18	St. Jo Water									3268b
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	
	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	3-4 LEAF	
19	St. Jo Water									3355b
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	
	Grasp Xtra	1.75	LBAE/GAL	SC	0.314	lb ae/a	23	oz/a	3-4 LEAF	
	Agri-dex	100%		L	1%	v/v			3-4 LEAF	
20	St. Jo Water									4793a
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	
	Basagran 5L	5	LB/GAL	L	0.94	lb ai/a	1.5	pt/a	3-4 LEAF	
	Agri-dex	100%		L	1%	v/v			3-4 LEAF	
LSD P=.05										570.6
Standard Deviation										402.9
CV										18.62
Replicate F										0.368
Replicate Prob(F)										0.7765
Treatment F										72.538
Treatment Prob(F)										0.0001

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School of Plant, Environmental and Soil Sciences

Provisia Tank Mixed With Auxin Type Herbicides

Experiment number .....: **C16-11**
Location.....: RRS-Crowley, LA
Experimental design.....: RCB
Number of reps.....: 4
Plot size.....: 5'x17'
Row width/# per plot.....: 7.5"/8
Soil type .....: Crowley silt loam (3% sand, 69% silt, 28% clay)
% OM .....: 1.4
pH .....: 6.4
CEC.....: 19.1
Crop/Variety .....: Provisia
Planting date .....: 5/10/16
Emergence date .....: 5/22/16
Harvest date.....: NA

Application type .....: POSTFLOOD
Date applied [mm/dd/yy].....: 6/20/16
Time [hh:mm-hh:mm] .....: 9:40-10:06a
Air/Soil temperature [F].....: 84/86
Relative humidity [%].....: 75%
Wind [mph, direction].....: 2-4, NE
Weather [sunny, etc].....: sunny
Soil/Leaf surface moist .....: flood/dry
Crop stage/Height.....: 1-2till/10-14"
Sprayer type/MPH .....: BKPK/3.0
Nozzle type/Size* .....: FF/110015
Boom ht/# Noz/Spacing.....: 15/5/15
GPA/PSI.....: 15/21
Applied by.....: SYR

Weed Species (population)..:- (height/#leaves) -
ECHCG(50-100m^{-2}).....: 6-12"/1-2till
LEFPA(10-30m^{-2}).....: 5-10"/4lf-2till
ORYSA(20-30m^{-2}) .....: 10-14"/1-2till
CL111(20-30m^{-2}) .....: 10-14"/1-2till
CLXL745(20-30m^{-2}).....: 10-14"/1-2till

Flush Dates .....: 5/12/16
Permanent Flood.....: 6/16/16

*AMFF – Air mix flat fan nozzles

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Provisia Tank Mixed With Auxin Type Herbicides

Trial ID:C16-11 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-11 Investigator:Eric P. Webster

Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	16 DA POFL	30 DA POFL	50 DA POFL
Pest Code										CL111	CL111	CL111
Rating Date										Jul-6-2016	Jul-20-2016	Aug-9-2016
Rating Type										CONTROL	CONTROL	CONTROL.
Rating Unit										%	%	%
Trt-Eval Interval										16 DA POFL	30 DA POFL	50 DA POFL
1	No Provisia									0e	0d	0d
	No Auxin Type								POSTFLOOD			
	Agri-dex	100%		L	1%	v/v			POSTFLOOD			
2	No Provisia									0e	0d	70c
	2,4 D	3.8	LB/GAL	L	1.19	lb ai/a	2.5	pt/a	POSTFLOOD			
	Agri-dex	100%		L	1%	v/v			POSTFLOOD			
3	No Provisia									0e	0d	70c
	Grandstand	3	LB/GAL	L	0.251	lb ai/a	0.67	pt/a	POSTFLOOD			
	Agri-dex	100%		L	1%	v/v			POSTFLOOD			
4	No Provisia									0e	0d	69c
	Facet L	1.5	LB/GAL	L	0.375	lb ai/a	32	oz/a	POSTFLOOD			
	Agri-dex	100%		L	1%	v/v			POSTFLOOD			
5	No Provisia									0e	0d	65c
	Clincher	2.38	LB/GAL	EC	0.28	lb ai/a	15	oz/a	POSTFLOOD			
	Agri-dex	100%		L	1%	v/v			POSTFLOOD			
6	No Provisia									0e	0d	64c
	Ricestar HT	0.58	LB/GAL	EC	0.113	lb ai/a	25	oz/a	POSTFLOOD			
	Agri-dex	100%		L	1%	v/v			POSTFLOOD			
7	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	POSTFLOOD	98a	98a	98a
	No Auxin Type								POSTFLOOD			
	Agri-dex	100%		L	1%	v/v			POSTFLOOD			
8	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	POSTFLOOD	70d	76c	91b
	2,4 D	3.8	LB/GAL	L	1.19	lb ai/a	2.5	pt/a	POSTFLOOD			
	Agri-dex	100%		L	1%	v/v			POSTFLOOD			
9	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	POSTFLOOD	90c	94b	99a
	Grandstand	3	LB/GAL	L	0.251	lb ai/a	0.67	pt/a	POSTFLOOD			
	Agri-dex	100%		L	1%	v/v			POSTFLOOD			
10	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	POSTFLOOD	92bc	95ab	98a
	Facet L	1.5	LB/GAL	L	0.375	lb ai/a	32	oz/a	POSTFLOOD			
	Agri-dex	100%		L	1%	v/v			POSTFLOOD			
11	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	POSTFLOOD	95ab	98a	98a
	Clincher	2.38	LB/GAL	EC	0.28	lb ai/a	15	oz/a	POSTFLOOD			
	Agri-dex	100%		L	1%	v/v			POSTFLOOD			
12	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	POSTFLOOD	93bc	99a	98a
	Ricestar HT	0.58	LB/GAL	EC	0.113	lb ai/a	25	oz/a	POSTFLOOD			
	Agri-dex	100%		L	1%	v/v			POSTFLOOD			
LSD P=.05										3.5	3.6	7.0
Standard Deviation										2.5	2.5	4.9
CV										5.48	5.38	6.35
Replicate F										2.340	0.454	1.696
Replicate Prob(F)										0.0913	0.7166	0.1868
Treatment F										1483.911	1529.973	135.751
Treatment Prob(F)										0.0001	0.0001	0.0001

Means followed by same letter or symbol do not significantly differ (P=.05, LSD)
Could not calculate LSD (% mean diff) for columns 16,17,18 because error mean square = 0.

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Provisia Tank Mixed With Auxin Type Herbicides

Trial ID:C16-11 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-11 Investigator:Eric P. Webster

Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	ECHCG Jul-6-2016 CONTROL % 16 DA POFL	ECHCG Jul-20-2016 CONTROL % 30 DA POFL	ECHCG Aug-9-2016 CONTROL % 50 DA POFL
1	No Provisia									0g	0i	0e
	No Auxin Type								POSTFLOOD			
	Agri-dex	100%		L	1%	v/v			POSTFLOOD			
2	No Provisia									0g	0i	74d
	2,4 D	3.8	LB/GAL	L	1.19	lb ai/a	2.5	pt/a	POSTFLOOD			
	Agri-dex	100%		L	1%	v/v			POSTFLOOD			
3	No Provisia									0g	0i	78c
	Grandstand	3	LB/GAL	L	0.251	lb ai/a	0.67	pt/a	POSTFLOOD			
	Agri-dex	100%		L	1%	v/v			POSTFLOOD			
4	No Provisia									39e	36g	76cd
	Facet L	1.5	LB/GAL	L	0.375	lb ai/a	32	oz/a	POSTFLOOD			
	Agri-dex	100%		L	1%	v/v			POSTFLOOD			
5	No Provisia									78c	84e	85b
	Clincher	2.38	LB/GAL	EC	0.28	lb ai/a	15	oz/a	POSTFLOOD			
	Agri-dex	100%		L	1%	v/v			POSTFLOOD			
6	No Provisia									69d	63f	78c
	Ricestar HT	0.58	LB/GAL	EC	0.113	lb ai/a	25	oz/a	POSTFLOOD			
	Agri-dex	100%		L	1%	v/v			POSTFLOOD			
7	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	POSTFLOOD	97a	99a	99a
	No Auxin Type								POSTFLOOD			
	Agri-dex	100%		L	1%	v/v			POSTFLOOD			
8	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	POSTFLOOD	26f	10h	84b
	2,4 D	3.8	LB/GAL	L	1.19	lb ai/a	2.5	pt/a	POSTFLOOD			
	Agri-dex	100%		L	1%	v/v			POSTFLOOD			
9	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	POSTFLOOD	80c	92bc	99a
	Grandstand	3	LB/GAL	L	0.251	lb ai/a	0.67	pt/a	POSTFLOOD			
	Agri-dex	100%		L	1%	v/v			POSTFLOOD			
10	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	POSTFLOOD	78c	85de	99a
	Facet L	1.5	LB/GAL	L	0.375	lb ai/a	32	oz/a	POSTFLOOD			
	Agri-dex	100%		L	1%	v/v			POSTFLOOD			
11	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	POSTFLOOD	90ab	98ab	99a
	Clincher	2.38	LB/GAL	EC	0.28	lb ai/a	15	oz/a	POSTFLOOD			
	Agri-dex	100%		L	1%	v/v			POSTFLOOD			
12	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	POSTFLOOD	88b	90cd	98a
	Ricestar HT	0.58	LB/GAL	EC	0.113	lb ai/a	25	oz/a	POSTFLOOD			
	Agri-dex	100%		L	1%	v/v			POSTFLOOD			
LSD P=.05										7.5	6.0	3.7
Standard Deviation										5.2	4.2	2.5
CV										9.69	7.67	3.15
Replicate F										0.571	1.566	2.486
Replicate Prob(F)										0.6382	0.2162	0.0778
Treatment F										215.673	404.280	463.373
Treatment Prob(F)										0.0001	0.0001	0.0001

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Provisia Tank Mixed With Auxin Type Herbicides

Trial ID:C16-11 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-11 Investigator:Eric P. Webster

Pest Code									LEFPA	LEFPA	LEFPA
Rating Date									Jul-6-2016	Jul-20-2016	Aug-9-2016
Rating Type									CONTROL	CONTROL	CONTROL
Rating Unit									%	%	%
Trt-Eval Interval									16 DA POFL	30 DA POFL	50 DA POFL
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
1	No Provisia									0e	0c	0e
	No Auxin Type								POSTFLOOD			
	Agri-dex	100%		L	1%	v/v			POSTFLOOD			
2	No Provisia									0e	0c	83b
	2,4 D	3.8	LB/GAL	L	1.19	lb ai/a	2.5	pt/a	POSTFLOOD			
	Agri-dex	100%		L	1%	v/v			POSTFLOOD			
3	No Provisia									0e	0c	73c
	Grandstand	3	LB/GAL	L	0.251	lb ai/a	0.67	pt/a	POSTFLOOD			
	Agri-dex	100%		L	1%	v/v			POSTFLOOD			
4	No Provisia									0e	0c	66d
	Facet L	1.5	LB/GAL	L	0.375	lb ai/a	32	oz/a	POSTFLOOD			
	Agri-dex	100%		L	1%	v/v			POSTFLOOD			
5	No Provisia									81d	91b	81b
	Clincher	2.38	LB/GAL	EC	0.28	lb ai/a	15	oz/a	POSTFLOOD			
	Agri-dex	100%		L	1%	v/v			POSTFLOOD			
6	No Provisia									89c	96a	83b
	Ricestar HT	0.58	LB/GAL	EC	0.113	lb ai/a	25	oz/a	POSTFLOOD			
	Agri-dex	100%		L	1%	v/v			POSTFLOOD			
7	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	POSTFLOOD	98a	99a	99a
	No Auxin Type								POSTFLOOD			
	Agri-dex	100%		L	1%	v/v			POSTFLOOD			
8	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	POSTFLOOD	76d	97a	96a
	2,4 D	3.8	LB/GAL	L	1.19	lb ai/a	2.5	pt/a	POSTFLOOD			
	Agri-dex	100%		L	1%	v/v			POSTFLOOD			
9	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	POSTFLOOD	92bc	97a	99a
	Grandstand	3	LB/GAL	L	0.251	lb ai/a	0.67	pt/a	POSTFLOOD			
	Agri-dex	100%		L	1%	v/v			POSTFLOOD			
10	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	POSTFLOOD	88c	96a	99a
	Facet L	1.5	LB/GAL	L	0.375	lb ai/a	32	oz/a	POSTFLOOD			
	Agri-dex	100%		L	1%	v/v			POSTFLOOD			
11	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	POSTFLOOD	92bc	98a	99a
	Clincher	2.38	LB/GAL	EC	0.28	lb ai/a	15	oz/a	POSTFLOOD			
	Agri-dex	100%		L	1%	v/v			POSTFLOOD			
12	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	POSTFLOOD	95ab	98a	99a
	Ricestar HT	0.58	LB/GAL	EC	0.113	lb ai/a	25	oz/a	POSTFLOOD			
	Agri-dex	100%		L	1%	v/v			POSTFLOOD			
LSD P=.05										5.5	3.5	5.4
Standard Deviation										3.8	2.4	3.7
CV										6.41	3.75	4.59
Replicate F										0.659	1.021	3.732
Replicate Prob(F)										0.5834	0.3960	0.0205
Treatment F										539.978	1553.662	226.767
Treatment Prob(F)										0.0001	0.0001	0.0001

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Provisia Tank Mixed With Auxin Type Herbicides

Trial ID:C16-11 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-11 Investigator:Eric P. Webster

Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	CLXL745 Jul-6-2016 CONTROL % 16 DA POFL	CLXL745 Jul-20-2016 CONTROL % 30 DA POFL	CLXL745 Aug-9-2016 CONTROL % 50 DA POFL
1	No Provisia									0d	0d	0e
	No Auxin Type								POSTFLOOD			
	Agri-dex	100%		L	1%	v/v			POSTFLOOD			
2	No Provisia									0d	0d	65d
	2,4 D	3.8	LB/GAL	L	1.19	lb ai/a	2.5	pt/a	POSTFLOOD			
	Agri-dex	100%		L	1%	v/v			POSTFLOOD			
3	No Provisia									0d	0d	73c
	Grandstand	3	LB/GAL	L	0.251	lb ai/a	0.67	pt/a	POSTFLOOD			
	Agri-dex	100%		L	1%	v/v			POSTFLOOD			
4	No Provisia									0d	0d	71cd
	Facet L	1.5	LB/GAL	L	0.375	lb ai/a	32	oz/a	POSTFLOOD			
	Agri-dex	100%		L	1%	v/v			POSTFLOOD			
5	No Provisia									0d	0d	66cd
	Clincher	2.38	LB/GAL	EC	0.28	lb ai/a	15	oz/a	POSTFLOOD			
	Agri-dex	100%		L	1%	v/v			POSTFLOOD			
6	No Provisia									0d	0d	68cd
	Ricestar HT	0.58	LB/GAL	EC	0.113	lb ai/a	25	oz/a	POSTFLOOD			
	Agri-dex	100%		L	1%	v/v			POSTFLOOD			
7	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	POSTFLOOD	97a	98a	99a
	No Auxin Type								POSTFLOOD			
	Agri-dex	100%		L	1%	v/v			POSTFLOOD			
8	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	POSTFLOOD	74c	80c	92b
	2,4 D	3.8	LB/GAL	L	1.19	lb ai/a	2.5	pt/a	POSTFLOOD			
	Agri-dex	100%		L	1%	v/v			POSTFLOOD			
9	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	POSTFLOOD	91b	93b	98ab
	Grandstand	3	LB/GAL	L	0.251	lb ai/a	0.67	pt/a	POSTFLOOD			
	Agri-dex	100%		L	1%	v/v			POSTFLOOD			
10	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	POSTFLOOD	92b	96a	98ab
	Facet L	1.5	LB/GAL	L	0.375	lb ai/a	32	oz/a	POSTFLOOD			
	Agri-dex	100%		L	1%	v/v			POSTFLOOD			
11	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	POSTFLOOD	94ab	98a	98ab
	Clincher	2.38	LB/GAL	EC	0.28	lb ai/a	15	oz/a	POSTFLOOD			
	Agri-dex	100%		L	1%	v/v			POSTFLOOD			
12	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	POSTFLOOD	93ab	99a	98ab
	Ricestar HT	0.58	LB/GAL	EC	0.113	lb ai/a	25	oz/a	POSTFLOOD			
	Agri-dex	100%		L	1%	v/v			POSTFLOOD			
LSD P=.05										4.2	2.9	6.6
Standard Deviation										2.9	2.0	4.6
CV										6.51	4.27	5.95
Replicate F										1.665	0.932	1.120
Replicate Prob(F)										0.1935	0.4362	0.3550
Treatment F										1044.682	2416.716	152.126
Treatment Prob(F)										0.0001	0.0001	0.0001

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Provisia Tank Mixed With Auxin Type Herbicides

Trial ID:C16-11 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-11 Investigator:Eric P. Webster

Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	ORYSA Jul-6-2016 CONTROL % 16 DA POFL	ORYSA Jul-20-2016 CONTROL % 30 DA POFL	ORYSA Aug-9-2016 CONTROL % 50 DA POFL
	Pest Code									ORYSA	ORYSA	ORYSA
	Rating Date									Jul-6-2016	Jul-20-2016	Aug-9-2016
	Rating Type									CONTROL	CONTROL	CONTROL
	Rating Unit									%	%	%
	Trt-Eval Interval									16 DA POFL	30 DA POFL	50 DA POFL
1	No Provisia									0e	0d	0e
	No Auxin Type								POSTFLOOD			
	Agri-dex	100%		L	1%	v/v			POSTFLOOD			
2	No Provisia									0e	0d	64d
	2,4 D	3.8	LB/GAL	L	1.19	lb ai/a	2.5	pt/a	POSTFLOOD			
	Agri-dex	100%		L	1%	v/v			POSTFLOOD			
3	No Provisia									0e	0d	71c
	Grandstand	3	LB/GAL	L	0.251	lb ai/a	0.67	pt/a	POSTFLOOD			
	Agri-dex	100%		L	1%	v/v			POSTFLOOD			
4	No Provisia									0e	0d	68cd
	Facet L	1.5	LB/GAL	L	0.375	lb ai/a	32	oz/a	POSTFLOOD			
	Agri-dex	100%		L	1%	v/v			POSTFLOOD			
5	No Provisia									0e	0d	66cd
	Clincher	2.38	LB/GAL	EC	0.28	lb ai/a	15	oz/a	POSTFLOOD			
	Agri-dex	100%		L	1%	v/v			POSTFLOOD			
6	No Provisia									0e	0d	65d
	Ricestar HT	0.58	LB/GAL	EC	0.113	lb ai/a	25	oz/a	POSTFLOOD			
	Agri-dex	100%		L	1%	v/v			POSTFLOOD			
7	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	POSTFLOOD	98a	99a	99a
	No Auxin Type								POSTFLOOD			
	Agri-dex	100%		L	1%	v/v			POSTFLOOD			
8	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	POSTFLOOD	76d	75c	92b
	2,4 D	3.8	LB/GAL	L	1.19	lb ai/a	2.5	pt/a	POSTFLOOD			
	Agri-dex	100%		L	1%	v/v			POSTFLOOD			
9	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	POSTFLOOD	92bc	94b	98a
	Grandstand	3	LB/GAL	L	0.251	lb ai/a	0.67	pt/a	POSTFLOOD			
	Agri-dex	100%		L	1%	v/v			POSTFLOOD			
10	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	POSTFLOOD	92c	98a	98a
	Facet L	1.5	LB/GAL	L	0.375	lb ai/a	32	oz/a	POSTFLOOD			
	Agri-dex	100%		L	1%	v/v			POSTFLOOD			
11	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	POSTFLOOD	96ab	98a	98a
	Clincher	2.38	LB/GAL	EC	0.28	lb ai/a	15	oz/a	POSTFLOOD			
	Agri-dex	100%		L	1%	v/v			POSTFLOOD			
12	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	POSTFLOOD	96ab	98a	98a
	Ricestar HT	0.58	LB/GAL	EC	0.113	lb ai/a	25	oz/a	POSTFLOOD			
	Agri-dex	100%		L	1%	v/v			POSTFLOOD			
	LSD P=.05									3.7	2.6	5.6
	Standard Deviation									2.6	1.8	3.9
	CV									5.59	3.93	5.1
	Replicate F									1.151	0.830	0.139
	Replicate Prob(F)									0.3432	0.4871	0.9359
	Treatment F									1413.034	2871.879	213.949
	Treatment Prob(F)									0.0001	0.0001	0.0001

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Provisia Tank Mixed With Auxin Type Herbicides

Trial ID:C16-11 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-11 Investigator:Eric P. Webster

Pest Code								RICE	RICE	RICE
Rating Date								Jul-6-2016	Jul-20-2016	Aug-9-2016
Rating Type								INJURY	INJURY	INJURY
Rating Unit								%	%	%
Trt-Eval Interval								16 DA POFL	30 DA POFL	50 DA POFL
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
1	No Provisia									0a	0a	0a
	No Auxin Type								POSTFLOOD			
	Agri-dex	100%		L	1%	v/v			POSTFLOOD			
2	No Provisia									0a	0a	0a
	2,4 D	3.8	LB/GAL	L	1.19	lb ai/a	2.5	pt/a	POSTFLOOD			
	Agri-dex	100%		L	1%	v/v			POSTFLOOD			
3	No Provisia									0a	0a	0a
	Grandstand	3	LB/GAL	L	0.251	lb ai/a	0.67	pt/a	POSTFLOOD			
	Agri-dex	100%		L	1%	v/v			POSTFLOOD			
4	No Provisia									0a	0a	0a
	Facet L	1.5	LB/GAL	L	0.375	lb ai/a	32	oz/a	POSTFLOOD			
	Agri-dex	100%		L	1%	v/v			POSTFLOOD			
5	No Provisia									0a	0a	0a
	Clincher	2.38	LB/GAL	EC	0.28	lb ai/a	15	oz/a	POSTFLOOD			
	Agri-dex	100%		L	1%	v/v			POSTFLOOD			
6	No Provisia									0a	0a	0a
	Ricestar HT	0.58	LB/GAL	EC	0.113	lb ai/a	25	oz/a	POSTFLOOD			
	Agri-dex	100%		L	1%	v/v			POSTFLOOD			
7	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	POSTFLOOD	0a	0a	0a
	No Auxin Type								POSTFLOOD			
	Agri-dex	100%		L	1%	v/v			POSTFLOOD			
8	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	POSTFLOOD	0a	0a	0a
	2,4 D	3.8	LB/GAL	L	1.19	lb ai/a	2.5	pt/a	POSTFLOOD			
	Agri-dex	100%		L	1%	v/v			POSTFLOOD			
9	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	POSTFLOOD	0a	0a	0a
	Grandstand	3	LB/GAL	L	0.251	lb ai/a	0.67	pt/a	POSTFLOOD			
	Agri-dex	100%		L	1%	v/v			POSTFLOOD			
10	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	POSTFLOOD	0a	0a	0a
	Facet L	1.5	LB/GAL	L	0.375	lb ai/a	32	oz/a	POSTFLOOD			
	Agri-dex	100%		L	1%	v/v			POSTFLOOD			
11	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	POSTFLOOD	0a	0a	0a
	Clincher	2.38	LB/GAL	EC	0.28	lb ai/a	15	oz/a	POSTFLOOD			
	Agri-dex	100%		L	1%	v/v			POSTFLOOD			
12	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	POSTFLOOD	0a	0a	0a
	Ricestar HT	0.58	LB/GAL	EC	0.113	lb ai/a	25	oz/a	POSTFLOOD			
	Agri-dex	100%		L	1%	v/v			POSTFLOOD			
LSD P=.05										.	.	.
Standard Deviation										0.0	0.0	0.0
CV										0.0	0.0	0.0
Replicate F										0.000	0.000	0.000
Replicate Prob(F)										1.0000	1.0000	1.0000
Treatment F										0.000	0.000	0.000
Treatment Prob(F)										1.0000	1.0000	1.0000

LSU AgCenter SPESS

Provisia Tank Mixed With Auxin Type Herbicides

Trial ID:C16-11 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-11 Investigator:Eric P. Webster

Pest Code								RICE	RICE	RICE
Rating Date								Sep-13-2016	Sep-13-2016	Sep-13-2016
Rating Type								HEIGHT	HEIGHT	HEIGHT
Rating Unit								cm	cm	cm
Trt-Eval Interval								AT HARVEST	AT HARVEST	AT HARVEST
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
1	No Provisia									0c	0c	0d
	No Auxin Type								POSTFLOOD			
	Agri-dex	100%		L	1%	v/v			POSTFLOOD			
2	No Provisia									88ab	88ab	89ab
	2,4 D	3.8	LB/GAL	L	1.19	lb ai/a	2.5	pt/a	POSTFLOOD			
	Agri-dex	100%		L	1%	v/v			POSTFLOOD			
3	No Provisia									91a	90a	93a
	Grandstand	3	LB/GAL	L	0.251	lb ai/a	0.67	pt/a	POSTFLOOD			
	Agri-dex	100%		L	1%	v/v			POSTFLOOD			
4	No Provisia									88ab	87ab	95a
	Facet L	1.5	LB/GAL	L	0.375	lb ai/a	32	oz/a	POSTFLOOD			
	Agri-dex	100%		L	1%	v/v			POSTFLOOD			
5	No Provisia									93a	91a	91ab
	Clincher	2.38	LB/GAL	EC	0.28	lb ai/a	15	oz/a	POSTFLOOD			
	Agri-dex	100%		L	1%	v/v			POSTFLOOD			
6	No Provisia									88ab	90a	90ab
	Ricestar HT	0.58	LB/GAL	EC	0.113	lb ai/a	25	oz/a	POSTFLOOD			
	Agri-dex	100%		L	1%	v/v			POSTFLOOD			
7	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	POSTFLOOD	90a	93a	91ab
	No Auxin Type								POSTFLOOD			
	Agri-dex	100%		L	1%	v/v			POSTFLOOD			
8	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	POSTFLOOD	93a	87ab	89ab
	2,4 D	3.8	LB/GAL	L	1.19	lb ai/a	2.5	pt/a	POSTFLOOD			
	Agri-dex	100%		L	1%	v/v			POSTFLOOD			
9	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	POSTFLOOD	90a	87ab	89ab
	Grandstand	3	LB/GAL	L	0.251	lb ai/a	0.67	pt/a	POSTFLOOD			
	Agri-dex	100%		L	1%	v/v			POSTFLOOD			
10	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	POSTFLOOD	91a	89ab	92a
	Facet L	1.5	LB/GAL	L	0.375	lb ai/a	32	oz/a	POSTFLOOD			
	Agri-dex	100%		L	1%	v/v			POSTFLOOD			
11	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	POSTFLOOD	81b	89ab	85bc
	Clincher	2.38	LB/GAL	EC	0.28	lb ai/a	15	oz/a	POSTFLOOD			
	Agri-dex	100%		L	1%	v/v			POSTFLOOD			
12	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	POSTFLOOD	88ab	83b	81c
	Ricestar HT	0.58	LB/GAL	EC	0.113	lb ai/a	25	oz/a	POSTFLOOD			
	Agri-dex	100%		L	1%	v/v			POSTFLOOD			
LSD P=.05										8.2	6.9	6.7
Standard Deviation										5.7	4.8	4.7
CV										6.93	5.91	5.69
Replicate F										0.999	0.714	1.122
Replicate Prob(F)										0.4055	0.5506	0.3545
Treatment F										83.923	114.566	124.879
Treatment Prob(F)										0.0001	0.0001	0.0001

LSU AgCenter SPESS

Provisia Tank Mixed With Auxin Type Herbicides

Trial ID:C16-11 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-11 Investigator:Eric P. Webster

Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	RICE Sep-13-2016 HEIGHT cm AT HARVEST	RICE Sep-13-2016 AVE HEIGHT cm AT HARVEST
	Pest Code									RICE	RICE
	Rating Date									Sep-13-2016	Sep-13-2016
	Rating Type									HEIGHT	AVE HEIGHT
	Rating Unit									cm	cm
	Trt-Eval Interval									AT HARVEST	AT HARVEST
1	No Provisia									0d	0d
	No Auxin Type								POSTFLOOD		
	Agri-dex	100%		L	1%	v/v			POSTFLOOD		
2	No Provisia									89ab	88ab
	2,4 D	3.8	LB/GAL	L	1.19	lb ai/a	2.5	pt/a	POSTFLOOD		
	Agri-dex	100%		L	1%	v/v			POSTFLOOD		
3	No Provisia									92a	91a
	Grandstand	3	LB/GAL	L	0.251	lb ai/a	0.67	pt/a	POSTFLOOD		
	Agri-dex	100%		L	1%	v/v			POSTFLOOD		
4	No Provisia									90a	90a
	Facet L	1.5	LB/GAL	L	0.375	lb ai/a	32	oz/a	POSTFLOOD		
	Agri-dex	100%		L	1%	v/v			POSTFLOOD		
5	No Provisia									93a	92a
	Clincher	2.38	LB/GAL	EC	0.28	lb ai/a	15	oz/a	POSTFLOOD		
	Agri-dex	100%		L	1%	v/v			POSTFLOOD		
6	No Provisia									89ab	89ab
	Ricestar HT	0.58	LB/GAL	EC	0.113	lb ai/a	25	oz/a	POSTFLOOD		
	Agri-dex	100%		L	1%	v/v			POSTFLOOD		
7	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	POSTFLOOD	91a	91a
	No Auxin Type								POSTFLOOD		
	Agri-dex	100%		L	1%	v/v			POSTFLOOD		
8	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	POSTFLOOD	93a	91a
	2,4 D	3.8	LB/GAL	L	1.19	lb ai/a	2.5	pt/a	POSTFLOOD		
	Agri-dex	100%		L	1%	v/v			POSTFLOOD		
9	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	POSTFLOOD	87abc	88ab
	Grandstand	3	LB/GAL	L	0.251	lb ai/a	0.67	pt/a	POSTFLOOD		
	Agri-dex	100%		L	1%	v/v			POSTFLOOD		
10	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	POSTFLOOD	87abc	90a
	Facet L	1.5	LB/GAL	L	0.375	lb ai/a	32	oz/a	POSTFLOOD		
	Agri-dex	100%		L	1%	v/v			POSTFLOOD		
11	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	POSTFLOOD	82bc	84bc
	Clincher	2.38	LB/GAL	EC	0.28	lb ai/a	15	oz/a	POSTFLOOD		
	Agri-dex	100%		L	1%	v/v			POSTFLOOD		
12	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	POSTFLOOD	80c	83c
	Ricestar HT	0.58	LB/GAL	EC	0.113	lb ai/a	25	oz/a	POSTFLOOD		
	Agri-dex	100%		L	1%	v/v			POSTFLOOD		
	LSD P=.05									7.6	5.5
	Standard Deviation									5.3	3.8
	CV									6.51	4.69
	Replicate F									0.115	0.695
	Replicate Prob(F)									0.9506	0.5617
	Treatment F									96.149	182.515
	Treatment Prob(F)									0.0001	0.0001

LSU AgCenter
School of Plant, Environmental and Soil Sciences

Provisia Tank Mixed With ALS Herbicides

Experiment number .....: **C16-12**
Location.....: RRS-Crowley, LA
Experimental design .....: RCB
Number of reps.....: 4
Plot size.....: 5'x17'
Row width/# per plot .....: 7.5"/8
Soil type .....: Crowley silt loam (3% sand, 69% silt, 28% clay)
% OM .....: 1.4
pH .....: 6.4
CEC.....: 19.1
Crop/Variety .....: Provisia
Planting date .....: 5/10/16
Emergence date .....: 5/22/16
Harvest date .....: 9/6/16

Application type .....: 3-4 LEAF
Date applied [mm/dd/yy] .....: 6/6/16
Time [hh:mm-hh:mm] .....: 9:48-10:26a
Air/Soil temperature [F].....: 80/83
Relative humidity [%] .....: 80%
Wind [mph, direction] .....: 2-4, N
Weather [sunny, etc].....: sunny
Soil/Leaf surface moist .....: wet/dry
Crop stage/Height.....: 3-4lf/4-6"
Sprayer type/MPH .....: BKPK/3.0
Nozzle type/Size* .....: FF/110015
Boom ht/# Noz/Spacing .....: 15/5/15
GPA/PSI.....: 15/21
Applied by.....: EPW

Weed Species (population)..:- (height/#leaves) -
ECHCG(50-100m^{-2}) .....: 3-6"/2-5lf
LEFPA(10-30m^{-2}).....: 2-4"/1-3lf
ORYSA(20-30m^{-2}) .....: 4-6"/3-4lf
CL111(20-30m^{-2}) .....: 4-6"/3-4lf
CLXL745(20-30m^{-2}) .....: 4-6"/3-4lf

Flush Dates .....: 5/12/16
Permanent Flood .....: 6/16/16

*AMFF – Air mix flat fan nozzles

LSU AgCenter SPESS

Provisia Tank Mixed With ALS Herbicides

Trial ID:C16-12 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-12 Investigator:Eric P. Webster

Pest Code								ECHCG	ECHCG	ECHCG
Rating Date								Jun-14-2016	Jun-21-2016	Jul-5-2016
Rating Type								CONTROL	CONTROL	CONTROL
Rating Unit								%	%	%
Trt-Eval Interval								8 DA 3-4LF	15 DA 3-4LF	29 DA 3-4LF
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
1	No Provisia									0k	0g	0h
	No ALS Herbicide								3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
2	No Provisia									24h	0g	0h
	Grasp	2	LB/GAL	SC	0.036	lb ai/a	2.3	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
3	No Provisia									16i	0g	0h
	Grasp Xtra	1.75	LB/GAL	SC	0.314	lb ai/a	23	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
4	No Provisia									0k	0g	0h
	Permit	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
5	No Provisia									0k	0g	0h
	Halomax	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
6	No Provisia									8j	0g	0h
	Regiment	80%		WP	0.03	lb ai/a	0.6	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
7	No Provisia									0k	0g	0h
	Strada Pro	54%		WG	0.084	lb ai/a	2.5	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
8	No Provisia									36g	13f	0h
	Strada XT	70%		WG	0.438	lb ai/a	10	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
9	No Provisia									0k	0g	0h
	League	75%		WG	0.188	lb ai/a	4	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
10	No Provisia									0k	0g	0h
	Londax	60%		DF	0.0375	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
11	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	83a	90a	98a
	No ALS Herbicide								3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
12	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	64ef	39e	26fg
	Grasp	2	LB/GAL	SC	0.036	lb ai/a	2.3	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
13	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	66def	43e	28f
	Grasp Xtra	1.75	LB/GAL	SC	0.314	lb ai/a	23	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
14	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	76b	86ab	88cd
	Permit	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
15	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	75bc	88ab	95ab
	Halomax	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
16	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	61f	49d	21g
	Regiment	80%		WP	0.03	lb ai/a	0.6	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			

Means followed by same letter or symbol do not significantly differ (P=.05, LSD)
Could not calculate LSD (% mean diff) for columns 22,23,24,25,26,32 because error mean square = 0.

LSU AgCenter SPESS

Provisia Tank Mixed With ALS Herbicides

Trial ID:C16-12 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-12 Investigator:Eric P. Webster

Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	ECHCG	ECHCG	ECHCG
	Pest Code									ECHCG	ECHCG	ECHCG
	Rating Date									Jun-14-2016	Jun-21-2016	Jul-5-2016
	Rating Type									CONTROL	CONTROL	CONTROL
	Rating Unit									%	%	%
	Trt-Eval Interval									8 DA 3-4LF	15 DA 3-4LF	29 DA 3-4LF
17	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	70cd	83bc	86d
	Strada Pro	54%		WG	0.084	lb ai/a	2.5	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
18	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	63f	78c	76e
	Strada XT	70%		WG	0.438	lb ai/a	10	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
19	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	71bcd	86ab	93abc
	League	75%		WG	0.188	lb ai/a	4	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
20	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	69de	88ab	89bcd
	Londax	60%		DF	0.0375	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
	LSD P=.05									6.2	6.0	6.0
	Standard Deviation									4.4	4.3	4.3
	CV									11.18	11.52	12.17
	Replicate F									1.850	0.881	0.069
	Replicate Prob(F)									0.1483	0.4563	0.9764
	Treatment F									228.792	342.786	389.009
	Treatment Prob(F)									0.0001	0.0001	0.0001

LSU AgCenter SPESS

Provisia Tank Mixed With ALS Herbicides

Trial ID:C16-12 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-12 Investigator:Eric P. Webster

Pest Code Rating Date Rating Type Rating Unit Trt-Eval Interval								ECHCG Jul-18-2016 CONTROL % 42 DA 3-4LF	ECHCG Aug-9-2016 CONTROL. % 64 DA 3-4LF	LEFPA Jul-18-2016 CONTROL % 42 DA 3-4LF
Trt Treatment No. Name	Form Conc	Form Unit	Form Type	Rate Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage		
1	No Provisia								0h	0i	0g
	No ALS Herbicide							3-4 LEAF			
	Agri-dex	100%	L	1%	v/v			3-4 LEAF			
2	No Provisia								0h	73h	0g
	Grasp	2	LB/GAL	SC	0.036	lb ai/a	2.3	oz/a 3-4 LEAF			
	Agri-dex	100%	L	1%	v/v			3-4 LEAF			
3	No Provisia								0h	76gh	0g
	Grasp Xtra	1.75	LB/GAL	SC	0.314	lb ai/a	23	oz/a 3-4 LEAF			
	Agri-dex	100%	L	1%	v/v			3-4 LEAF			
4	No Provisia								0h	75gh	0g
	Permit	75%	WG	0.047	lb ai/a	1	oz/a 3-4 LEAF				
	Agri-dex	100%	L	1%	v/v			3-4 LEAF			
5	No Provisia								0h	74gh	0g
	Halomax	75%	WG	0.047	lb ai/a	1	oz/a 3-4 LEAF				
	Agri-dex	100%	L	1%	v/v			3-4 LEAF			
6	No Provisia								0h	80fg	0g
	Regiment	80%	WP	0.03	lb ai/a	0.6	oz/a 3-4 LEAF				
	Agri-dex	100%	L	1%	v/v			3-4 LEAF			
7	No Provisia								0h	74gh	0g
	Strada Pro	54%	WG	0.084	lb ai/a	2.5	oz/a 3-4 LEAF				
	Agri-dex	100%	L	1%	v/v			3-4 LEAF			
8	No Provisia								0h	74gh	0g
	Strada XT	70%	WG	0.438	lb ai/a	10	oz/a 3-4 LEAF				
	Agri-dex	100%	L	1%	v/v			3-4 LEAF			
9	No Provisia								0h	73h	0g
	League	75%	WG	0.188	lb ai/a	4	oz/a 3-4 LEAF				
	Agri-dex	100%	L	1%	v/v			3-4 LEAF			
10	No Provisia								0h	70h	0g
	Londax	60%	DF	0.0375	lb ai/a	1	oz/a 3-4 LEAF				
	Agri-dex	100%	L	1%	v/v			3-4 LEAF			
11	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a 3-4 LEAF	98a	99a	99a
	No ALS Herbicide							3-4 LEAF			
	Agri-dex	100%	L	1%	v/v			3-4 LEAF			
12	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a 3-4 LEAF	28g	85def	88ef
	Grasp	2	LB/GAL	SC	0.036	lb ai/a	2.3	oz/a 3-4 LEAF			
	Agri-dex	100%	L	1%	v/v			3-4 LEAF			
13	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a 3-4 LEAF	29g	84ef	86f
	Grasp Xtra	1.75	LB/GAL	SC	0.314	lb ai/a	23	oz/a 3-4 LEAF			
	Agri-dex	100%	L	1%	v/v			3-4 LEAF			
14	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a 3-4 LEAF	89bc	94abc	98ab
	Permit	75%	WG	0.047	lb ai/a	1	oz/a 3-4 LEAF				
	Agri-dex	100%	L	1%	v/v			3-4 LEAF			
15	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a 3-4 LEAF	93b	97ab	96abc
	Halomax	75%	WG	0.047	lb ai/a	1	oz/a 3-4 LEAF				
	Agri-dex	100%	L	1%	v/v			3-4 LEAF			
16	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a 3-4 LEAF	45f	90cde	85f
	Regiment	80%	WP	0.03	lb ai/a	0.6	oz/a 3-4 LEAF				
	Agri-dex	100%	L	1%	v/v			3-4 LEAF			

LSU AgCenter SPESS

Provisia Tank Mixed With ALS Herbicides

Trial ID:C16-12 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-12 Investigator:Eric P. Webster

Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	ECHCG	ECHCG	LEFPA
	Pest Code									ECHCG	ECHCG	LEFPA
	Rating Date									Jul-18-2016	Aug-9-2016	Jul-18-2016
	Rating Type									CONTROL	CONTROL.	CONTROL
	Rating Unit									%	%	%
	Trt-Eval Interval									42 DA 3-4LF	64 DA 3-4LF	42 DA 3-4LF
17	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	85d	97ab	95bc
	Strada Pro	54%		WG	0.084	lb ai/a	2.5	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
18	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	75e	86def	92cd
	Strada XT	70%		WG	0.438	lb ai/a	10	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
19	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	85cd	91bcd	91de
	League	75%		WG	0.188	lb ai/a	4	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
20	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	86cd	94abc	93cd
	Londax	60%		DF	0.0375	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
	LSD P=.05									4.1	6.4	3.6
	Standard Deviation									2.9	4.5	2.6
	CV									8.24	5.67	5.57
	Replicate F									0.752	2.020	2.712
	Replicate Prob(F)									0.5258	0.1213	0.0533
	Treatment F									778.579	87.257	1365.505
	Treatment Prob(F)									0.0001	0.0001	0.0001

LSU AgCenter SPESS

Provisia Tank Mixed With ALS Herbicides

Trial ID:C16-12 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-12 Investigator:Eric P. Webster

Pest Code								LEFPA	CL111	CL111
Rating Date								Aug-9-2016	Jun-14-2016	Jun-21-2016
Rating Type								CONTROL	CONTROL	CONTROL
Rating Unit								%	%	%
Trt-Eval Interval								64 DA 3-4LF	8 DA 3-4LF	15 DA 3-4LF
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
1	No Provisia									0e	0e	0g
	No ALS Herbicide								3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
2	No Provisia									86cd	0e	0g
	Grasp	2	LB/GAL	SC	0.036	lb ai/a	2.3	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
3	No Provisia									86cd	0e	0g
	Grasp Xtra	1.75	LB/GAL	SC	0.314	lb ai/a	23	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
4	No Provisia									89bc	0e	0g
	Permit	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
5	No Provisia									88bc	0e	0g
	Halomax	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
6	No Provisia									87cd	0e	0g
	Regiment	80%		WP	0.03	lb ai/a	0.6	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
7	No Provisia									79d	0e	0g
	Strada Pro	54%		WG	0.084	lb ai/a	2.5	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
8	No Provisia									85cd	0e	0g
	Strada XT	70%		WG	0.438	lb ai/a	10	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
9	No Provisia									89bc	0e	0g
	League	75%		WG	0.188	lb ai/a	4	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
10	No Provisia									85cd	0e	0g
	Londax	60%		DF	0.0375	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
11	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	99a	81a	91ab
	No ALS Herbicide								3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
12	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	98a	74cd	77de
	Grasp	2	LB/GAL	SC	0.036	lb ai/a	2.3	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
13	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	97a	71d	70f
	Grasp Xtra	1.75	LB/GAL	SC	0.314	lb ai/a	23	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
14	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	99a	79abc	85bc
	Permit	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
15	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	98a	79abc	89ab
	Halomax	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
16	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	97a	73d	71ef
	Regiment	80%		WP	0.03	lb ai/a	0.6	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			

LSU AgCenter SPESS

Provisia Tank Mixed With ALS Herbicides

Trial ID:C16-12 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-12 Investigator:Eric P. Webster

Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	LEFPA	CL111	CL111
	Pest Code									LEFPA	CL111	CL111
	Rating Date									Aug-9-2016	Jun-14-2016	Jun-21-2016
	Rating Type									CONTROL	CONTROL	CONTROL
	Rating Unit									%	%	%
	Trt-Eval Interval									64 DA 3-4LF	8 DA 3-4LF	15 DA 3-4LF
17	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	99a	76a-d	91ab
	Strada Pro	54%		WG	0.084	lb ai/a	2.5	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
18	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	95ab	80ab	83cd
	Strada XT	70%		WG	0.438	lb ai/a	10	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
19	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	97a	76a-d	86abc
	League	75%		WG	0.188	lb ai/a	4	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
20	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	98a	75bcd	92a
	Londax	60%		DF	0.0375	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
	LSD P=.05									7.3	5.7	6.3
	Standard Deviation									5.1	4.0	4.4
	CV									5.86	10.52	10.67
	Replicate F									2.345	1.774	0.970
	Replicate Prob(F)									0.0824	0.1623	0.4132
	Treatment F									70.341	381.575	375.765
	Treatment Prob(F)									0.0001	0.0001	0.0001

LSU AgCenter SPESS

Provisia Tank Mixed With ALS Herbicides

Trial ID:C16-12 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-12 Investigator:Eric P. Webster

Pest Code Rating Date Rating Type Rating Unit Trt-Eval Interval								CL111 Jul-5-2016 CONTROL % 29 DA 3-4LF	CL111 Jul-18-2016 CONTROL % 42 DA 3-4LF	CL111 Aug-9-2016 CONTROL % 64 DA 3-4LF
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
1	No Provisia									0g	0d	0f
	No ALS Herbicide								3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
2	No Provisia									0g	0d	70bc
	Grasp	2	LB/GAL	SC	0.036	lb ai/a	2.3	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
3	No Provisia									0g	0d	70bc
	Grasp Xtra	1.75	LB/GAL	SC	0.314	lb ai/a	23	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
4	No Provisia									0g	0d	70bc
	Permit	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
5	No Provisia									0g	0d	75b
	Halomax	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
6	No Provisia									0g	0d	69bc
	Regiment	80%		WP	0.03	lb ai/a	0.6	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
7	No Provisia									0g	0d	61de
	Strada Pro	54%		WG	0.084	lb ai/a	2.5	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
8	No Provisia									0g	0d	60e
	Strada XT	70%		WG	0.438	lb ai/a	10	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
9	No Provisia									0g	0d	68cd
	League	75%		WG	0.188	lb ai/a	4	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
10	No Provisia									0g	0d	66cde
	Londax	60%		DF	0.0375	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
11	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	98a	98a	99a
	No ALS Herbicide								3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
12	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	76f	82c	97a
	Grasp	2	LB/GAL	SC	0.036	lb ai/a	2.3	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
13	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	74f	84c	96a
	Grasp Xtra	1.75	LB/GAL	SC	0.314	lb ai/a	23	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
14	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	91bcd	93b	99a
	Permit	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
15	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	94ab	93b	99a
	Halomax	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
16	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	83e	86c	98a
	Regiment	80%		WP	0.03	lb ai/a	0.6	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			

LSU AgCenter SPESS

Provisia Tank Mixed With ALS Herbicides

Trial ID:C16-12 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-12 Investigator:Eric P. Webster

Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	CL111	CL111	CL111
Pest Code										CL111	CL111	CL111
Rating Date										Jul-5-2016	Jul-18-2016	Aug-9-2016
Rating Type										CONTROL	CONTROL	CONTROL
Rating Unit										%	%	%
Trt-Eval Interval										29 DA 3-4LF	42 DA 3-4LF	64 DA 3-4LF
17	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	88cde	95ab	99a
	Strada Pro	54%		WG	0.084	lb ai/a	2.5	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
18	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	86de	92b	95a
	Strada XT	70%		WG	0.438	lb ai/a	10	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
19	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	90bcd	91b	95a
	League	75%		WG	0.188	lb ai/a	4	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
20	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	92bc	93b	96a
	Londax	60%		DF	0.0375	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
LSD P=.05										5.0	4.2	6.7
Standard Deviation										3.5	3.0	4.7
CV										8.11	6.57	5.95
Replicate F										0.565	1.673	4.403
Replicate Prob(F)										0.6405	0.1830	0.0074
Treatment F										649.380	982.084	103.432
Treatment Prob(F)										0.0001	0.0001	0.0001

LSU AgCenter SPESS

Provisia Tank Mixed With ALS Herbicides

Trial ID:C16-12 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-12 Investigator:Eric P. Webster

Pest Code Rating Date Rating Type Rating Unit Trt-Eval Interval								ORYSA Jun-21-2016 CONTROL % 15 DA 3-4LF	ORYSA Jul-5-2016 CONTROL % 29 DA 3-4LF	ORYSA Jul-18-2016 CONTROL % 42 DA 3-4LF
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
1	No Provisia									0e	0e	0f
	No ALS Herbicide								3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
2	No Provisia									0e	0e	0f
	Grasp	2	LB/GAL	SC	0.036	lb ai/a	2.3	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
3	No Provisia									0e	0e	0f
	Grasp Xtra	1.75	LB/GAL	SC	0.314	lb ai/a	23	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
4	No Provisia									0e	0e	0f
	Permit	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
5	No Provisia									0e	0e	0f
	Halomax	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
6	No Provisia									0e	0e	0f
	Regiment	80%		WP	0.03	lb ai/a	0.6	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
7	No Provisia									0e	0e	0f
	Strada Pro	54%		WG	0.084	lb ai/a	2.5	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
8	No Provisia									0e	0e	0f
	Strada XT	70%		WG	0.438	lb ai/a	10	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
9	No Provisia									0e	0e	0f
	League	75%		WG	0.188	lb ai/a	4	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
10	No Provisia									0e	0e	0f
	Londax	60%		DF	0.0375	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
11	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	93a	99a	99a
	No ALS Herbicide								3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
12	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	83cd	80d	82e
	Grasp	2	LB/GAL	SC	0.036	lb ai/a	2.3	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
13	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	81d	80d	85de
	Grasp Xtra	1.75	LB/GAL	SC	0.314	lb ai/a	23	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
14	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	87bc	93bc	95ab
	Permit	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
15	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	93a	94ab	94b
	Halomax	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
16	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	83cd	83d	86de
	Regiment	80%		WP	0.03	lb ai/a	0.6	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			

LSU AgCenter SPESS

Provisia Tank Mixed With ALS Herbicides

Trial ID:C16-12 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-12 Investigator:Eric P. Webster

Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	ORYSA Jun-21-2016 CONTROL % 15 DA 3-4LF	ORYSA Jul-5-2016 CONTROL % 29 DA 3-4LF	ORYSA Jul-18-2016 CONTROL % 42 DA 3-4LF
17	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	93a	92bc	89cd
	Strada Pro	54%		WG	0.084	lb ai/a	2.5	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
18	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	87bc	88c	93bc
	Strada XT	70%		WG	0.438	lb ai/a	10	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
19	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	90ab	91bc	94b
	League	75%		WG	0.188	lb ai/a	4	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
20	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	93a	91bc	92bc
	Londax	60%		DF	0.0375	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
LSD P=.05										5.4	4.8	4.7
Standard Deviation										3.8	3.4	3.3
CV										8.71	7.56	7.25
Replicate F										0.550	1.342	0.916
Replicate Prob(F)										0.6503	0.2698	0.4392
Treatment F										557.805	744.432	806.046
Treatment Prob(F)										0.0001	0.0001	0.0001

LSU AgCenter SPESS

Provisia Tank Mixed With ALS Herbicides

Trial ID:C16-12 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-12 Investigator:Eric P. Webster

Pest Code								ORYSA	CLXL745	CLXL745
Rating Date								Aug-9-2016	Jun-14-2016	Jun-21-2016
Rating Type								CONTROL	CONTROL	CONTROL
Rating Unit								%	%	%
Trt-Eval Interval								64 DA 3-4LF	8 DA 3-4LF	15 DA 3-4LF
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
1	No Provisia									0e	0e	0g
	No ALS Herbicide								3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
2	No Provisia									63cd	0e	0g
	Grasp	2	LB/GAL	SC	0.036	lb ai/a	2.3	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
3	No Provisia									65bc	0e	0g
	Grasp Xtra	1.75	LB/GAL	SC	0.314	lb ai/a	23	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
4	No Provisia									60cd	0e	0g
	Permit	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
5	No Provisia									70b	0e	0g
	Halomax	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
6	No Provisia									66bc	0e	0g
	Regiment	80%		WP	0.03	lb ai/a	0.6	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
7	No Provisia									60cd	0e	0g
	Strada Pro	54%		WG	0.084	lb ai/a	2.5	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
8	No Provisia									56d	0e	0g
	Strada XT	70%		WG	0.438	lb ai/a	10	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
9	No Provisia									64bc	0e	0g
	League	75%		WG	0.188	lb ai/a	4	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
10	No Provisia									64bc	0e	0g
	Londax	60%		DF	0.0375	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
11	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	99a	81a	92a
	No ALS Herbicide								3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
12	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	97a	74cd	70f
	Grasp	2	LB/GAL	SC	0.036	lb ai/a	2.3	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
13	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	92a	71d	73ef
	Grasp Xtra	1.75	LB/GAL	SC	0.314	lb ai/a	23	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
14	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	99a	80ab	81cd
	Permit	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
15	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	98a	81a	90a
	Halomax	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
16	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	96a	70d	78de
	Regiment	80%		WP	0.03	lb ai/a	0.6	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			

LSU AgCenter SPESS

Provisia Tank Mixed With ALS Herbicides

Trial ID:C16-12 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-12 Investigator:Eric P. Webster

Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	ORYSA Aug-9-2016 CONTROL % 64 DA 3-4LF	CLXL745 Jun-14-2016 CONTROL % 8 DA 3-4LF	CLXL745 Jun-21-2016 CONTROL % 15 DA 3-4LF
17	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	99a	78abc	90a
	Strada Pro	54%		WG	0.084	lb ai/a	2.5	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
18	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	95a	76bc	85bc
	Strada XT	70%		WG	0.438	lb ai/a	10	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
19	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	94a	79ab	86abc
	League	75%		WG	0.188	lb ai/a	4	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
20	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	95a	78abc	89ab
	Londax	60%		DF	0.0375	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
LSD P=.05										7.1	4.5	5.5
Standard Deviation										5.0	3.2	3.9
CV										6.53	8.29	9.31
Replicate F										4.795	2.844	1.568
Replicate Prob(F)										0.0048	0.0456	0.2072
Treatment F										97.521	616.276	493.038
Treatment Prob(F)										0.0001	0.0001	0.0001

LSU AgCenter SPESS

Provisia Tank Mixed With ALS Herbicides

Trial ID:C16-12 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-12 Investigator:Eric P. Webster

Pest Code								CLXL745	CLXL745	CLXL745
Rating Date								Jul-5-2016	Jul-18-2016	Aug-9-2016
Rating Type								CONTROL	CONTROL	CONTROL
Rating Unit								%	%	%
Trt-Eval Interval								29 DA 3-4LF	42 DA 3-4LF	64 DA 3-4LF
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
1	No Provisia									0g	0d	0f
	No ALS Herbicide								3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
2	No Provisia									0g	0d	65de
	Grasp	2	LB/GAL	SC	0.036	lb ai/a	2.3	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
3	No Provisia									0g	0d	69cd
	Grasp Xtra	1.75	LB/GAL	SC	0.314	lb ai/a	23	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
4	No Provisia									0g	0d	69cd
	Permit	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
5	No Provisia									0g	0d	73c
	Halomax	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
6	No Provisia									0g	0d	68cd
	Regiment	80%		WP	0.03	lb ai/a	0.6	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
7	No Provisia									0g	0d	64de
	Strada Pro	54%		WG	0.084	lb ai/a	2.5	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
8	No Provisia									0g	0d	60e
	Strada XT	70%		WG	0.438	lb ai/a	10	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
9	No Provisia									0g	0d	66cde
	League	75%		WG	0.188	lb ai/a	4	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
10	No Provisia									0g	0d	64de
	Londax	60%		DF	0.0375	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
11	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	98a	98a	99a
	No ALS Herbicide								3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
12	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	76f	83c	97ab
	Grasp	2	LB/GAL	SC	0.036	lb ai/a	2.3	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
13	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	76f	84c	95ab
	Grasp Xtra	1.75	LB/GAL	SC	0.314	lb ai/a	23	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
14	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	94ab	94ab	99a
	Permit	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
15	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	93abc	94ab	98a
	Halomax	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
16	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	80ef	86c	98ab
	Regiment	80%		WP	0.03	lb ai/a	0.6	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			

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Provisia Tank Mixed With ALS Herbicides

Trial ID:C16-12 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-12 Investigator:Eric P. Webster

Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	CLXL745 Jul-5-2016 CONTROL % 29 DA 3-4LF	CLXL745 Jul-18-2016 CONTROL % 42 DA 3-4LF	CLXL745 Aug-9-2016 CONTROL % 64 DA 3-4LF
17	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	91bcd	95ab	99a
	Strada Pro	54%		WG	0.084	lb ai/a	2.5	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
18	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	83e	91b	95ab
	Strada XT	70%		WG	0.438	lb ai/a	10	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
19	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	88d	93b	91b
	League	75%		WG	0.188	lb ai/a	4	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
20	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	89cd	93b	95ab
	Londax	60%		DF	0.0375	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
LSD P=.05										4.9	4.3	6.9
Standard Deviation										3.5	3.0	4.9
CV										7.99	6.63	6.25
Replicate F										1.372	2.250	7.209
Replicate Prob(F)										0.2605	0.0923	0.0003
Treatment F										668.406	962.728	96.483
Treatment Prob(F)										0.0001	0.0001	0.0001

LSU AgCenter SPESS

Provisia Tank Mixed With ALS Herbicides

Trial ID:C16-12 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-12 Investigator:Eric P. Webster

Pest Code								RICE	RICE	RICE
Rating Date								Jun-14-2016	Jun-21-2016	Jul-5-2016
Rating Type								INJURY	INJURY	INJURY
Rating Unit								%	%	%
Trt-Eval Interval								8 DA 3-4LF	15 DA 3-4LF	29 DA 3-4LF
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
1	No Provisia									0a	0a	0a
	No ALS Herbicide								3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
2	No Provisia									0a	0a	0a
	Grasp	2	LB/GAL	SC	0.036	lb ai/a	2.3	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
3	No Provisia									0a	0a	0a
	Grasp Xtra	1.75	LB/GAL	SC	0.314	lb ai/a	23	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
4	No Provisia									0a	0a	0a
	Permit	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
5	No Provisia									0a	0a	0a
	Halomax	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
6	No Provisia									0a	0a	0a
	Regiment	80%		WP	0.03	lb ai/a	0.6	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
7	No Provisia									0a	0a	0a
	Strada Pro	54%		WG	0.084	lb ai/a	2.5	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
8	No Provisia									0a	0a	0a
	Strada XT	70%		WG	0.438	lb ai/a	10	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
9	No Provisia									0a	0a	0a
	League	75%		WG	0.188	lb ai/a	4	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
10	No Provisia									0a	0a	0a
	Londax	60%		DF	0.0375	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
11	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	0a	0a	0a
	No ALS Herbicide								3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
12	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	0a	0a	0a
	Grasp	2	LB/GAL	SC	0.036	lb ai/a	2.3	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
13	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	0a	0a	0a
	Grasp Xtra	1.75	LB/GAL	SC	0.314	lb ai/a	23	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
14	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	0a	0a	0a
	Permit	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
15	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	0a	0a	0a
	Halomax	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
16	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	0a	0a	0a
	Regiment	80%		WP	0.03	lb ai/a	0.6	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			

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Provisia Tank Mixed With ALS Herbicides

Trial ID:C16-12 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-12 Investigator:Eric P. Webster

Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	RICE Jun-14-2016 INJURY % 8 DA 3-4LF	RICE Jun-21-2016 INJURY % 15 DA 3-4LF	RICE Jul-5-2016 INJURY % 29 DA 3-4LF
17	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	0a	0a	0a
	Strada Pro	54%		WG	0.084	lb ai/a	2.5	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
18	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	0a	0a	0a
	Strada XT	70%		WG	0.438	lb ai/a	10	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
19	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	0a	0a	0a
	League	75%		WG	0.188	lb ai/a	4	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
20	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	0a	0a	0a
	Londax	60%		DF	0.0375	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
LSD P=.05										.	.	.
Standard Deviation										0.0	0.0	0.0
CV										0.0	0.0	0.0
Replicate F										0.000	0.000	0.000
Replicate Prob(F)										1.0000	1.0000	1.0000
Treatment F										0.000	0.000	0.000
Treatment Prob(F)										1.0000	1.0000	1.0000

LSU AgCenter SPESS

Provisia Tank Mixed With ALS Herbicides

Trial ID:C16-12 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-12 Investigator:Eric P. Webster

Pest Code Rating Date Rating Type Rating Unit Trt-Eval Interval								RICE Jul-18-2016 INJURY % 42 DA 3-4LF	RICE Aug-9-2016 INJURY % 64 DA 3-4LF	RICE Sep-6-2016 HEIGHT CM AT HARVEST
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
1	No Provisia									0a	0a	60g
	No ALS Herbicide								3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
2	No Provisia									0a	0a	84b-f
	Grasp	2	LB/GAL	SC	0.036	lb ai/a	2.3	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
3	No Provisia									0a	0a	91a-f
	Grasp Xtra	1.75	LB/GAL	SC	0.314	lb ai/a	23	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
4	No Provisia									0a	0a	80ef
	Permit	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
5	No Provisia									0a	0a	82def
	Halomax	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
6	No Provisia									0a	0a	83c-f
	Regiment	80%		WP	0.03	lb ai/a	0.6	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
7	No Provisia									0a	0a	77f
	Strada Pro	54%		WG	0.084	lb ai/a	2.5	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
8	No Provisia									0a	0a	98abc
	Strada XT	70%		WG	0.438	lb ai/a	10	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
9	No Provisia									0a	0a	79f
	League	75%		WG	0.188	lb ai/a	4	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
10	No Provisia									0a	0a	82def
	Londax	60%		DF	0.0375	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
11	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	0a	0a	98abc
	No ALS Herbicide								3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
12	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	0a	0a	98abc
	Grasp	2	LB/GAL	SC	0.036	lb ai/a	2.3	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
13	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	0a	0a	96a-d
	Grasp Xtra	1.75	LB/GAL	SC	0.314	lb ai/a	23	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
14	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	0a	0a	99ab
	Permit	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
15	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	0a	0a	100a
	Halomax	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
16	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	0a	0a	94a-e
	Regiment	80%		WP	0.03	lb ai/a	0.6	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			

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Provisia Tank Mixed With ALS Herbicides

Trial ID:C16-12 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-12 Investigator:Eric P. Webster

Pest Code									RICE	RICE	RICE
Rating Date									Jul-18-2016	Aug-9-2016	Sep-6-2016
Rating Type									INJURY	INJURY	HEIGHT
Rating Unit									%	%	CM
Trt-Eval Interval									42 DA 3-4LF	64 DA 3-4LF	AT HARVEST
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
17	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	0a	0a	101a
	Strada Pro	54%		WG	0.084	lb ai/a	2.5	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
18	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	0a	0a	102a
	Strada XT	70%		WG	0.438	lb ai/a	10	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
19	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	0a	0a	102a
	League	75%		WG	0.188	lb ai/a	4	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
20	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	0a	0a	99ab
	Londax	60%		DF	0.0375	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
LSD P=.05										.	.	15.2
Standard Deviation										0.0	0.0	10.7
CV										0.0	0.0	11.93
Replicate F										0.000	0.000	1.610
Replicate Prob(F)										1.0000	1.0000	0.1970
Treatment F										0.000	0.000	4.367
Treatment Prob(F)										1.0000	1.0000	0.0001

LSU AgCenter SPESS

Provisia Tank Mixed With ALS Herbicides

Trial ID:C16-12 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-12 Investigator:Eric P. Webster

Pest Code Rating Date Rating Type Rating Unit Trt-Eval Interval								RICE Sep-6-2016 HEIGHT CM AT HARVEST	RICE Sep-6-2016 HEIGHT CM AT HARVEST	RICE Sep-6-2016 HEIGHT CM AT HARVEST
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
1	No Provisia									56h	55g	58f
	No ALS Herbicide								3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
2	No Provisia									85d-g	87b-f	90a-e
	Grasp	2	LB/GAL	SC	0.036	lb ai/a	2.3	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
3	No Provisia									90b-f	85c-f	89a-e
	Grasp Xtra	1.75	LB/GAL	SC	0.314	lb ai/a	23	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
4	No Provisia									79fg	80ef	79de
	Permit	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
5	No Provisia									79fg	79ef	83cde
	Halomax	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
6	No Provisia									86c-g	81def	88b-e
	Regiment	80%		WP	0.03	lb ai/a	0.6	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
7	No Provisia									74g	77f	76e
	Strada Pro	54%		WG	0.084	lb ai/a	2.5	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
8	No Provisia									96a-d	91a-e	91a-d
	Strada XT	70%		WG	0.438	lb ai/a	10	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
9	No Provisia									82efg	83def	84cde
	League	75%		WG	0.188	lb ai/a	4	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
10	No Provisia									78fg	78f	80de
	Londax	60%		DF	0.0375	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
11	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	99abc	102a	99ab
	No ALS Herbicide								3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
12	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	98a-d	96abc	95abc
	Grasp	2	LB/GAL	SC	0.036	lb ai/a	2.3	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
13	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	95a-e	94a-d	99ab
	Grasp Xtra	1.75	LB/GAL	SC	0.314	lb ai/a	23	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
14	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	100ab	103a	102ab
	Permit	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
15	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	99abc	101a	101ab
	Halomax	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
16	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	94a-e	96abc	96abc
	Regiment	80%		WP	0.03	lb ai/a	0.6	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			

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Provisia Tank Mixed With ALS Herbicides

Trial ID:C16-12 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-12 Investigator:Eric P. Webster

Pest Code									RICE	RICE	RICE
Rating Date									Sep-6-2016	Sep-6-2016	Sep-6-2016
Rating Type									HEIGHT	HEIGHT	HEIGHT
Rating Unit									CM	CM	CM
Trt-Eval Interval									AT HARVEST	AT HARVEST	AT HARVEST
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
17	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	100ab	99ab	100ab
	Strada Pro	54%		WG	0.084	lb ai/a	2.5	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
18	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	101ab	104a	101ab
	Strada XT	70%		WG	0.438	lb ai/a	10	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
19	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	104a	101a	102a
	League	75%		WG	0.188	lb ai/a	4	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
20	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	103ab	103a	102a
	Londax	60%		DF	0.0375	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
LSD P=.05										13.4	13.2	14.1
Standard Deviation										9.5	9.3	10.0
CV										10.58	10.38	11.0
Replicate F										3.511	3.144	2.391
Replicate Prob(F)										0.0208	0.0320	0.0780
Treatment F										6.882	7.267	5.444
Treatment Prob(F)										0.0001	0.0001	0.0001

LSU AgCenter SPESS

Provisia Tank Mixed With ALS Herbicides

Trial ID:C16-12 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-12 Investigator:Eric P. Webster

Pest Code Rating Date Rating Type Rating Unit Trt-Eval Interval								RICE Sep-6-2016 AVG HEIGHT CM AT HARVEST	RICE Sep-6-2016 MOISTURE % AT HARVEST	RICE Sep-6-2016 YIELD g AT HARVEST
Trt Treatment No. Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
1	No Provisia								57g	17.7a	0f
	No ALS Herbicide							3-4 LEAF			
	Agri-dex	100%		L	1% v/v			3-4 LEAF			
2	No Provisia								86c-f	17.7a	0f
	Grasp	2	LB/GAL	SC	0.036	lb ai/a	2.3	oz/a 3-4 LEAF			
	Agri-dex	100%		L	1% v/v			3-4 LEAF			
3	No Provisia								89b-f	17.7a	0f
	Grasp Xtra	1.75	LB/GAL	SC	0.314	lb ai/a	23	oz/a 3-4 LEAF			
	Agri-dex	100%		L	1% v/v			3-4 LEAF			
4	No Provisia								79f	17.7a	0f
	Permit	75%		WG	0.047	lb ai/a	1	oz/a 3-4 LEAF			
	Agri-dex	100%		L	1% v/v			3-4 LEAF			
5	No Provisia								80f	17.7a	0f
	Halomax	75%		WG	0.047	lb ai/a	1	oz/a 3-4 LEAF			
	Agri-dex	100%		L	1% v/v			3-4 LEAF			
6	No Provisia								84def	17.7a	0f
	Regiment	80%		WP	0.03	lb ai/a	0.6	oz/a 3-4 LEAF			
	Agri-dex	100%		L	1% v/v			3-4 LEAF			
7	No Provisia								76f	17.7a	0f
	Strada Pro	54%		WG	0.084	lb ai/a	2.5	oz/a 3-4 LEAF			
	Agri-dex	100%		L	1% v/v			3-4 LEAF			
8	No Provisia								94a-e	17.7a	0f
	Strada XT	70%		WG	0.438	lb ai/a	10	oz/a 3-4 LEAF			
	Agri-dex	100%		L	1% v/v			3-4 LEAF			
9	No Provisia								82ef	17.7a	0f
	League	75%		WG	0.188	lb ai/a	4	oz/a 3-4 LEAF			
	Agri-dex	100%		L	1% v/v			3-4 LEAF			
10	No Provisia								79f	17.7a	0f
	Londax	60%		DF	0.0375	lb ai/a	1	oz/a 3-4 LEAF			
	Agri-dex	100%		L	1% v/v			3-4 LEAF			
11	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a 3-4 LEAF	99abc	17.7a	0f
	No ALS Herbicide							3-4 LEAF			
	Agri-dex	100%		L	1% v/v			3-4 LEAF			
12	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a 3-4 LEAF	97a-d	17.7a	904d
	Grasp	2	LB/GAL	SC	0.036	lb ai/a	2.3	oz/a 3-4 LEAF			
	Agri-dex	100%		L	1% v/v			3-4 LEAF			
13	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a 3-4 LEAF	96a-d	17.7a	962d
	Grasp Xtra	1.75	LB/GAL	SC	0.314	lb ai/a	23	oz/a 3-4 LEAF			
	Agri-dex	100%		L	1% v/v			3-4 LEAF			
14	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a 3-4 LEAF	101ab	17.7a	1894b
	Permit	75%		WG	0.047	lb ai/a	1	oz/a 3-4 LEAF			
	Agri-dex	100%		L	1% v/v			3-4 LEAF			
15	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a 3-4 LEAF	100ab	17.7a	1952b
	Halomax	75%		WG	0.047	lb ai/a	1	oz/a 3-4 LEAF			
	Agri-dex	100%		L	1% v/v			3-4 LEAF			
16	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a 3-4 LEAF	95a-d	17.7a	472e
	Regiment	80%		WP	0.03	lb ai/a	0.6	oz/a 3-4 LEAF			
	Agri-dex	100%		L	1% v/v			3-4 LEAF			

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Provisia Tank Mixed With ALS Herbicides

Trial ID:C16-12 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-12 Investigator:Eric P. Webster

Pest Code									RICE	RICE	RICE
Rating Date									Sep-6-2016	Sep-6-2016	Sep-6-2016
Rating Type									AVG HEIGHT	MOISTURE	YIELD
Rating Unit									CM	%	g
Trt-Eval Interval									AT HARVEST	AT HARVEST	AT HARVEST
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
17	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	100ab	17.7a	1641c
	Strada Pro	54%		WG	0.084	lb ai/a	2.5	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
18	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	102a	17.7a	2010b
	Strada XT	70%		WG	0.438	lb ai/a	10	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
19	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	102a	17.7a	2266a
	League	75%		WG	0.188	lb ai/a	4	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
20	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	102ab	17.7a	1579c
	Londax	60%		DF	0.0375	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
LSD P=.05										13.0	.	144.7
Standard Deviation										9.2	0.00	102.2
CV										10.22	0.0	14.94
Replicate F										2.850	0.000	1.281
Replicate Prob(F)										0.0453	1.0000	0.2897
Treatment F										6.637	0.000	289.713
Treatment Prob(F)										0.0001	1.0000	0.0001

LSU AgCenter SPESS

Provisia Tank Mixed With ALS Herbicides

Trial ID:C16-12 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-12 Investigator:Eric P. Webster

Pest Code Rating Date Rating Type Rating Unit Trt-Eval Interval								RICE Sep-6-2016 YIELD LB/A AT HARVEST	RICE Sep-6-2016 YIELD KG/HA AT HARVEST
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage		
1	No Provisia									0f	0f
	No ALS Herbicide								3-4 LEAF		
	Agri-dex	100%		L	1%	v/v			3-4 LEAF		
2	No Provisia									0f	0f
	Grasp	2	LB/GAL	SC	0.036	lb ai/a	2.3	oz/a	3-4 LEAF		
	Agri-dex	100%		L	1%	v/v			3-4 LEAF		
3	No Provisia									0f	0f
	Grasp Xtra	1.75	LB/GAL	SC	0.314	lb ai/a	23	oz/a	3-4 LEAF		
	Agri-dex	100%		L	1%	v/v			3-4 LEAF		
4	No Provisia									0f	0f
	Permit	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF		
	Agri-dex	100%		L	1%	v/v			3-4 LEAF		
5	No Provisia									0f	0f
	Halomax	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF		
	Agri-dex	100%		L	1%	v/v			3-4 LEAF		
6	No Provisia									0f	0f
	Regiment	80%		WP	0.03	lb ai/a	0.6	oz/a	3-4 LEAF		
	Agri-dex	100%		L	1%	v/v			3-4 LEAF		
7	No Provisia									0f	0f
	Strada Pro	54%		WG	0.084	lb ai/a	2.5	oz/a	3-4 LEAF		
	Agri-dex	100%		L	1%	v/v			3-4 LEAF		
8	No Provisia									0f	0f
	Strada XT	70%		WG	0.438	lb ai/a	10	oz/a	3-4 LEAF		
	Agri-dex	100%		L	1%	v/v			3-4 LEAF		
9	No Provisia									0f	0f
	League	75%		WG	0.188	lb ai/a	4	oz/a	3-4 LEAF		
	Agri-dex	100%		L	1%	v/v			3-4 LEAF		
10	No Provisia									0f	0f
	Londax	60%		DF	0.0375	lb ai/a	1	oz/a	3-4 LEAF		
	Agri-dex	100%		L	1%	v/v			3-4 LEAF		
11	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	0f	0f
	No ALS Herbicide								3-4 LEAF		
	Agri-dex	100%		L	1%	v/v			3-4 LEAF		
12	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	2304d	2582d
	Grasp	2	LB/GAL	SC	0.036	lb ai/a	2.3	oz/a	3-4 LEAF		
	Agri-dex	100%		L	1%	v/v			3-4 LEAF		
13	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	2453d	2749d
	Grasp Xtra	1.75	LB/GAL	SC	0.314	lb ai/a	23	oz/a	3-4 LEAF		
	Agri-dex	100%		L	1%	v/v			3-4 LEAF		
14	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	4830b	5413b
	Permit	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF		
	Agri-dex	100%		L	1%	v/v			3-4 LEAF		
15	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	4977b	5578b
	Halomax	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF		
	Agri-dex	100%		L	1%	v/v			3-4 LEAF		
16	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	1203e	1349e
	Regiment	80%		WP	0.03	lb ai/a	0.6	oz/a	3-4 LEAF		
	Agri-dex	100%		L	1%	v/v			3-4 LEAF		

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Provisia Tank Mixed With ALS Herbicides

Trial ID:C16-12 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-12 Investigator:Eric P. Webster

Pest Code										RICE	RICE
Rating Date										Sep-6-2016	Sep-6-2016
Rating Type										YIELD	YIELD
Rating Unit										LB/A	KG/HA
Trt-Eval Interval										AT HARVEST	AT HARVEST
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage		
17	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	4183c	4688c
	Strada Pro	54%		WG	0.084	lb ai/a	2.5	oz/a	3-4 LEAF		
	Agri-dex	100%		L	1%	v/v			3-4 LEAF		
18	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	5124b	5743b
	Strada XT	70%		WG	0.438	lb ai/a	10	oz/a	3-4 LEAF		
	Agri-dex	100%		L	1%	v/v			3-4 LEAF		
19	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	5777a	6475a
	League	75%		WG	0.188	lb ai/a	4	oz/a	3-4 LEAF		
	Agri-dex	100%		L	1%	v/v			3-4 LEAF		
20	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	4026c	4512c
	Londax	60%		DF	0.0375	lb ai/a	1	oz/a	3-4 LEAF		
	Agri-dex	100%		L	1%	v/v			3-4 LEAF		
LSD P=.05										370.6	415.4
Standard Deviation										261.8	293.4
CV										15.01	15.01
Replicate F										1.476	1.476
Replicate Prob(F)										0.2307	0.2307
Treatment F										286.915	286.915
Treatment Prob(F)										0.0001	0.0001

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Provisia Tank Mixed With Contact Herbicides

Experiment number ..... : **C16-13**
Location ..... : RRS-Crowley, LA
Experimental design ..... : RCB
Number of reps ..... : 4
Plot size ..... : 5'x17'
Row width/# per plot ..... : 7.5"/8
Soil type ..... : Crowley silt loam (3% sand, 69% silt, 28% clay)
% OM ..... : 1.4
pH ..... : 6.4
CEC ..... : 19.1
Crop/Variety ..... : Provisia
Planting date ..... : 5/10/16
Emergence date ..... : 5/22/16
Harvest date ..... : NA

Application type ..... : 3-4 LEAF
Date applied [mm/dd/yy] ..... : 6/6/16
Time [hh:mm-hh:mm] ..... : 12:00-12:25p
Air/Soil temperature [F] ..... : 85/83
Relative humidity [%] ..... : 65%
Wind [mph, direction] ..... : 3-6, NNE
Weather [sunny, etc] ..... : sunny
Soil/Leaf surface moist ..... : wet/dry
Crop stage/Height ..... : 3-4lf/6-8"
Sprayer type/MPH ..... : BKPK/3.0
Nozzle type/Size* ..... : FF/110015
Boom ht/# Noz/Spacing ..... : 15/5/15
GPA/PSI ..... : 15/21
Applied by ..... : EPW

Weed Species (population) ..... :- (height/#leaves) -
ORYSA(10-30m^{-2}) ..... : 6-8"/3-4lf
CL111(3-5m^{-2}) ..... : 2-4"/2-3lf
CLXL745(3-5m^{-2}) ..... : 2-4"/2-3lf
ECHCG(50-75m^{-2}) ..... : 3-6"/2-4lf
BRAPP(2-10m^{-2}) ..... : 3-6"/2-4lf
SEBEX(5-20m^{-2}) ..... : 4-8"/3-6lf
CYPIR(50-75m^{-2}) ..... : 2-6"/2-4lf
CYPES(5-10m^{-2}) ..... : 6-10"/3-8lf
ECLAL(20-30m^{-2}) ..... : 2-4"/2-5lf
HETLI(75-100m^{-2}) ..... : 0.50-1"/1-2lf

Flush Dates ..... : 5/12/16
Permanent Flood ..... : 6/16/16
*AMFF – Air mix flat fan nozzles

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Provisia Tank Mixed With Contact Herbicides

Trial ID:C16-13 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-13 Investigator:Eric P. Webster

Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	CL111	CL111	CL111
Pest Code										CL111	CL111	CL111
Rating Date										Jun-14-2016	Jun-21-2016	Jul-6-2016
Rating Type										CONTROL	CONTROL	CONTROL
Rating Unit										%	%	%
Trt-Eval Interval										4 DA 3-4LF	11 DA 3-4LF	26 DA 3-4LF
1	No Provisia									0d	0e	0d
	No Contact Herbicide											
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
2	No Provisia									0d	0e	0d
	Aim	2	LB/GAL	EC	0.0156	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
3	No Provisia									0d	0e	0d
	Bolero	8	LB/GAL	EC	3	lb ai/a	3	pt/a	3-4 LEAF			
4	No Provisia									0d	0e	0d
	Basagran	5	LB/GAL	L	0.94	lb ai/a	1.5	pt/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
5	No Provisia									0d	0e	0d
	Propanil	4	LB/GAL	EC	3	lb ai/a	3	qt/a	3-4 LEAF			
6	No Provisia									0d	0e	0d
	Sharpen	2.85	LB/GAL	SC	0.0223	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
7	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	89a	93a	99a
	No Contact Herbicide											
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
8	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	80b	90bc	98ab
	Aim	2	LB/GAL	EC	0.0156	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
9	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	79bc	92ab	96b
	Bolero	8	LB/GAL	EC	3	lb ai/a	3	pt/a	3-4 LEAF			
10	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	76bc	89c	96b
	Basagran	5	LB/GAL	L	0.94	lb ai/a	1.5	pt/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
11	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	74c	71d	80c
	Propanil	4	LB/GAL	EC	3	lb ai/a	3	qt/a	3-4 LEAF			
12	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	81b	91abc	98ab
	Sharpen	2.85	LB/GAL	SC	0.0223	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
LSD P=.05										5.1	2.8	2.0
Standard Deviation										3.6	1.9	1.4
CV										8.95	4.38	3.0
Replicate F										3.227	2.139	1.256
Replicate Prob(F)										0.0349	0.1140	0.3054
Treatment F										548.773	2302.875	4894.461
Treatment Prob(F)										0.0001	0.0001	0.0001

Means followed by same letter or symbol do not significantly differ (P=.05, LSD)
Could not calculate LSD (% mean diff) for columns 24,25,26,27,28 because error mean square = 0.

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Provisia Tank Mixed With Contact Herbicides

Trial ID:C16-13 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-13 Investigator:Eric P. Webster

Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	CL111	CL111	CLXL745
	Pest Code									CL111	CL111	CLXL745
	Rating Date									Jul-20-2016	Aug-9-2016	Jun-14-2016
	Rating Type									CONTROL	CONTROL	CONTROL
	Rating Unit									%	%	%
	Trt-Eval Interval									40 DA 3-4LF	60 DA 3-4LF	4 DA 3-4LF
1	No Provisia									0c	0d	0d
	No Contact Herbicide											
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
2	No Provisia									0c	73b	0d
	Aim	2	LB/GAL	EC	0.0156	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
3	No Provisia									0c	63c	0d
	Bolero	8	LB/GAL	EC	3	lb ai/a	3	pt/a	3-4 LEAF			
4	No Provisia									0c	74b	0d
	Basagran	5	LB/GAL	L	0.94	lb ai/a	1.5	pt/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
5	No Provisia									0c	70bc	0d
	Propanil	4	LB/GAL	EC	3	lb ai/a	3	qt/a	3-4 LEAF			
6	No Provisia									0c	76b	0d
	Sharpen	2.85	LB/GAL	SC	0.0223	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
7	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	97a	99a	90a
	No Contact Herbicide											
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
8	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	96a	99a	81b
	Aim	2	LB/GAL	EC	0.0156	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
9	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	95a	99a	78bc
	Bolero	8	LB/GAL	EC	3	lb ai/a	3	pt/a	3-4 LEAF			
10	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	95a	99a	80bc
	Basagran	5	LB/GAL	L	0.94	lb ai/a	1.5	pt/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
11	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	78b	94a	75c
	Propanil	4	LB/GAL	EC	3	lb ai/a	3	qt/a	3-4 LEAF			
12	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	94a	99a	83b
	Sharpen	2.85	LB/GAL	SC	0.0223	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
	LSD P=.05									4.0	7.8	6.0
	Standard Deviation									2.8	5.5	4.2
	CV									5.95	6.94	10.36
	Replicate F									2.477	0.304	3.001
	Replicate Prob(F)									0.0785	0.8226	0.0444
	Treatment F									1244.155	108.505	409.180
	Treatment Prob(F)									0.0001	0.0001	0.0001

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Provisia Tank Mixed With Contact Herbicides

Trial ID:C16-13 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-13 Investigator:Eric P. Webster

Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	CLXL745	CLXL745	CLXL745
	Pest Code									CLXL745	CLXL745	CLXL745
	Rating Date									Jun-21-2016	Jul-6-2016	Jul-20-2016
	Rating Type									CONTROL	CONTROL	CONTROL
	Rating Unit									%	%	%
	Trt-Eval Interval									11 DA 3-4LF	26 DA 3-4LF	40 DA 3-4LF
1	No Provisia									0d	0d	0e
	No Contact Herbicide											
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
2	No Provisia									0d	0d	0e
	Aim	2	LB/GAL	EC	0.0156	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
3	No Provisia									0d	0d	0e
	Bolero	8	LB/GAL	EC	3	lb ai/a	3	pt/a	3-4 LEAF			
4	No Provisia									0d	0d	0e
	Basagran	5	LB/GAL	L	0.94	lb ai/a	1.5	pt/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
5	No Provisia									0d	0d	0e
	Propanil	4	LB/GAL	EC	3	lb ai/a	3	qt/a	3-4 LEAF			
6	No Provisia									0d	0d	0e
	Sharpen	2.85	LB/GAL	SC	0.0223	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
7	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	94a	99ab	98a
	No Contact Herbicide											
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
8	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	91ab	98ab	97ab
	Aim	2	LB/GAL	EC	0.0156	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
9	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	91ab	97b	95bc
	Bolero	8	LB/GAL	EC	3	lb ai/a	3	pt/a	3-4 LEAF			
10	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	89b	97b	94c
	Basagran	5	LB/GAL	L	0.94	lb ai/a	1.5	pt/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
11	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	66c	78c	70d
	Propanil	4	LB/GAL	EC	3	lb ai/a	3	qt/a	3-4 LEAF			
12	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	89b	99a	93c
	Sharpen	2.85	LB/GAL	SC	0.0223	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
	LSD P=.05									3.3	1.8	2.8
	Standard Deviation									2.3	1.2	2.0
	CV									5.3	2.61	4.34
	Replicate F									1.885	1.110	0.586
	Replicate Prob(F)									0.1514	0.3592	0.6282
	Treatment F									1589.277	6478.699	2367.019
	Treatment Prob(F)									0.0001	0.0001	0.0001

LSU AgCenter SPESS

Provisia Tank Mixed With Contact Herbicides

Trial ID:C16-13 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-13 Investigator:Eric P. Webster

Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	CLXL745	ORYZA	ORYSA
	Pest Code									CLXL745	ORYZA	ORYSA
	Rating Date									Aug-9-2016	Jun-14-2016	Jun-21-2016
	Rating Type									CONTROL	CONTROL	CONTROL
	Rating Unit									%	%	%
	Trt-Eval Interval									60 DA 3-4LF	4 DA 3-4LF	11 DA 3-4LF
1	No Provisia									0d	0d	0d
	No Contact Herbicide											
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
2	No Provisia									71b	0d	0d
	Aim	2	LB/GAL	EC	0.0156	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
3	No Provisia									61c	0d	0d
	Bolero	8	LB/GAL	EC	3	lb ai/a	3	pt/a	3-4 LEAF			
4	No Provisia									73b	0d	0d
	Basagran	5	LB/GAL	L	0.94	lb ai/a	1.5	pt/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
5	No Provisia									66bc	0d	0d
	Propanil	4	LB/GAL	EC	3	lb ai/a	3	qt/a	3-4 LEAF			
6	No Provisia									74b	0d	0d
	Sharpen	2.85	LB/GAL	SC	0.0223	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
7	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	99a	91a	96a
	No Contact Herbicide											
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
8	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	99a	85bc	92b
	Aim	2	LB/GAL	EC	0.0156	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
9	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	99a	80c	95a
	Bolero	8	LB/GAL	EC	3	lb ai/a	3	pt/a	3-4 LEAF			
10	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	99a	86abc	91b
	Basagran	5	LB/GAL	L	0.94	lb ai/a	1.5	pt/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
11	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	93a	84bc	75c
	Propanil	4	LB/GAL	EC	3	lb ai/a	3	qt/a	3-4 LEAF			
12	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	99a	86ab	92b
	Sharpen	2.85	LB/GAL	SC	0.0223	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
	LSD P=.05									8.9	5.9	2.7
	Standard Deviation									6.2	4.1	1.9
	CV									7.93	9.69	4.24
	Replicate F									0.209	0.901	3.900
	Replicate Prob(F)									0.8892	0.4513	0.0173
	Treatment F									86.116	466.354	2459.904
	Treatment Prob(F)									0.0001	0.0001	0.0001

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Provisia Tank Mixed With Contact Herbicides

Trial ID:C16-13 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-13 Investigator:Eric P. Webster

Pest Code									ORYSA	ORYSA	ORYSA
Rating Date									Jul-6-2016	Jul-20-2016	Aug-9-2016
Rating Type									CONTROL	CONTROL	CONTROL
Rating Unit									%	%	%
Trt-Eval Interval									26 DA 3-4LF	40 DA 3-4LF	60 DA 3-4LF
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
1	No Provisia									0c	0c	0d
	No Contact Herbicide											
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
2	No Provisia									0c	0c	69bc
	Aim	2	LB/GAL	EC	0.0156	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
3	No Provisia									0c	0c	61c
	Bolero	8	LB/GAL	EC	3	lb ai/a	3	pt/a	3-4 LEAF			
4	No Provisia									0c	0c	69bc
	Basagran	5	LB/GAL	L	0.94	lb ai/a	1.5	pt/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
5	No Provisia									0c	0c	66c
	Propanil	4	LB/GAL	EC	3	lb ai/a	3	qt/a	3-4 LEAF			
6	No Provisia									0c	0c	76b
	Sharpen	2.85	LB/GAL	SC	0.0223	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
7	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	99a	98a	99a
	No Contact Herbicide											
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
8	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	98a	97a	99a
	Aim	2	LB/GAL	EC	0.0156	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
9	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	97a	96a	99a
	Bolero	8	LB/GAL	EC	3	lb ai/a	3	pt/a	3-4 LEAF			
10	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	96a	96a	98a
	Basagran	5	LB/GAL	L	0.94	lb ai/a	1.5	pt/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
11	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	79b	78b	94a
	Propanil	4	LB/GAL	EC	3	lb ai/a	3	qt/a	3-4 LEAF			
12	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	99a	95a	99a
	Sharpen	2.85	LB/GAL	SC	0.0223	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
LSD P=.05										3.4	3.8	9.6
Standard Deviation										2.4	2.6	6.7
CV										4.97	5.68	8.61
Replicate F										1.313	1.362	1.220
Replicate Prob(F)										0.2867	0.2714	0.3180
Treatment F										1787.192	1366.300	74.399
Treatment Prob(F)										0.0001	0.0001	0.0001

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Provisia Tank Mixed With Contact Herbicides

Trial ID:C16-13 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-13 Investigator:Eric P. Webster

Pest Code									ECHCG	ECHCG	ECHCG
Rating Date									Jun-14-2016	Jun-21-2016	Jul-6-2016
Rating Type									CONTROL	CONTROL	CONTROL
Rating Unit									%	%	%
Trt-Eval Interval									4 DA 3-4LF	11 DA 3-4LF	26 DA 3-4LF
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
1	No Provisia									0e	0e	0f
	No Contact Herbicide											
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
2	No Provisia									0e	0e	13e
	Aim	2	LB/GAL	EC	0.0156	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
3	No Provisia									0e	0e	0f
	Bolero	8	LB/GAL	EC	3	lb ai/a	3	pt/a	3-4 LEAF			
4	No Provisia									0e	0e	0f
	Basagran	5	LB/GAL	L	0.94	lb ai/a	1.5	pt/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
5	No Provisia									5e	14d	35d
	Propanil	4	LB/GAL	EC	3	lb ai/a	3	qt/a	3-4 LEAF			
6	No Provisia									0e	0e	0f
	Sharpen	2.85	LB/GAL	SC	0.0223	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
7	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	86a	94a	98ab
	No Contact Herbicide											
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
8	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	75b	88b	98ab
	Aim	2	LB/GAL	EC	0.0156	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
9	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	68c	87b	95b
	Bolero	8	LB/GAL	EC	3	lb ai/a	3	pt/a	3-4 LEAF			
10	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	68c	86b	83c
	Basagran	5	LB/GAL	L	0.94	lb ai/a	1.5	pt/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
11	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	26d	26c	0f
	Propanil	4	LB/GAL	EC	3	lb ai/a	3	qt/a	3-4 LEAF			
12	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	79ab	88b	99a
	Sharpen	2.85	LB/GAL	SC	0.0223	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
LSD P=.05										7.1	4.3	3.4
Standard Deviation										4.9	3.0	2.4
CV										14.58	7.41	5.52
Replicate F										3.288	1.567	0.734
Replicate Prob(F)										0.0327	0.2159	0.5390
Treatment F										228.603	846.771	1501.753
Treatment Prob(F)										0.0001	0.0001	0.0001

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Provisia Tank Mixed With Contact Herbicides

Trial ID:C16-13 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-13 Investigator:Eric P. Webster

Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	ECHCG	ECHCG	LEFPA
Pest Code										ECHCG	ECHCG	LEFPA
Rating Date										Jul-20-2016	Aug-9-2016	Jul-6-2016
Rating Type										CONTROL	CONTROL	CONTROL
Rating Unit										%	%	%
Trt-Eval Interval										40 DA 3-4LF	60 DA 3-4LF	26 DA 3-4LF
1	No Provisia									0d	0d	0e
	No Contact Herbicide											
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
2	No Provisia									0d	80b	10d
	Aim	2	LB/GAL	EC	0.0156	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
3	No Provisia									0d	78bc	0e
	Bolero	8	LB/GAL	EC	3	lb ai/a	3	pt/a	3-4 LEAF			
4	No Provisia									0d	79bc	0e
	Basagran	5	LB/GAL	L	0.94	lb ai/a	1.5	pt/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
5	No Provisia									15c	76bc	0e
	Propanil	4	LB/GAL	EC	3	lb ai/a	3	qt/a	3-4 LEAF			
6	No Provisia									0d	80b	0e
	Sharpen	2.85	LB/GAL	SC	0.0223	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
7	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	98a	99a	98ab
	No Contact Herbicide											
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
8	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	98a	99a	98ab
	Aim	2	LB/GAL	EC	0.0156	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
9	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	89b	97a	95b
	Bolero	8	LB/GAL	EC	3	lb ai/a	3	pt/a	3-4 LEAF			
10	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	89b	99a	96ab
	Basagran	5	LB/GAL	L	0.94	lb ai/a	1.5	pt/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
11	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	0d	75c	75c
	Propanil	4	LB/GAL	EC	3	lb ai/a	3	qt/a	3-4 LEAF			
12	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	92b	99a	98a
	Sharpen	2.85	LB/GAL	SC	0.0223	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
LSD P=.05										4.2	4.4	3.3
Standard Deviation										2.9	3.0	2.3
CV										7.32	3.8	4.79
Replicate F										0.935	0.641	1.156
Replicate Prob(F)										0.4349	0.5938	0.3414
Treatment F										1033.030	321.087	1808.897
Treatment Prob(F)										0.0001	0.0001	0.0001

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Provisia Tank Mixed With Contact Herbicides

Trial ID:C16-13 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-13 Investigator:Eric P. Webster

Pest Code									LEFPA	LEFPA	RICE
Rating Date									Jul-20-2016	Aug-9-2016	Jun-14-2016
Rating Type									CONTROL	CONTROL	INJURY
Rating Unit									%	%	%
Trt-Eval Interval									40 DA 3-4LF	60 DA 3-4LF	4 DA 3-4LF
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
1	No Provisia									0e	0c	0a
	No Contact Herbicide											
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
2	No Provisia									0e	75b	0a
	Aim	2	LB/GAL	EC	0.0156	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
3	No Provisia									0e	74b	0a
	Bolero	8	LB/GAL	EC	3	lb ai/a	3	pt/a	3-4 LEAF			
4	No Provisia									0e	73b	0a
	Basagran	5	LB/GAL	L	0.94	lb ai/a	1.5	pt/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
5	No Provisia									3e	70b	0a
	Propanil	4	LB/GAL	EC	3	lb ai/a	3	qt/a	3-4 LEAF			
6	No Provisia									0e	73b	0a
	Sharpen	2.85	LB/GAL	SC	0.0223	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
7	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	97ab	99a	0a
	No Contact Herbicide											
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
8	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	98a	99a	0a
	Aim	2	LB/GAL	EC	0.0156	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
9	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	88c	93a	0a
	Bolero	8	LB/GAL	EC	3	lb ai/a	3	pt/a	3-4 LEAF			
10	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	88c	99a	0a
	Basagran	5	LB/GAL	L	0.94	lb ai/a	1.5	pt/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
11	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	74d	71b	0a
	Propanil	4	LB/GAL	EC	3	lb ai/a	3	qt/a	3-4 LEAF			
12	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	92bc	99a	0a
	Sharpen	2.85	LB/GAL	SC	0.0223	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
LSD P=.05										5.5	7.7	.
Standard Deviation										3.8	5.4	0.0
CV										8.54	6.98	0.0
Replicate F										1.578	0.944	0.000
Replicate Prob(F)										0.2133	0.4304	1.0000
Treatment F										596.201	103.918	0.000
Treatment Prob(F)										0.0001	0.0001	1.0000

LSU AgCenter SPESS

Provisia Tank Mixed With Contact Herbicides

Trial ID:C16-13 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-13 Investigator:Eric P. Webster

Pest Code									RICE	RICE	RICE
Rating Date									Jun-21-2016	Jul-6-2016	Jul-20-2016
Rating Type									INJURY	INJURY	INJURY
Rating Unit									%	%	%
Trt-Eval Interval									11 DA 3-4LF	26 DA 3-4LF	40 DA 3-4LF
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
1	No Provisia									0a	0a	0a
	No Contact Herbicide											
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
2	No Provisia									0a	0a	0a
	Aim	2	LB/GAL	EC	0.0156	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
3	No Provisia									0a	0a	0a
	Bolero	8	LB/GAL	EC	3	lb ai/a	3	pt/a	3-4 LEAF			
4	No Provisia									0a	0a	0a
	Basagran	5	LB/GAL	L	0.94	lb ai/a	1.5	pt/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
5	No Provisia									0a	0a	0a
	Propanil	4	LB/GAL	EC	3	lb ai/a	3	qt/a	3-4 LEAF			
6	No Provisia									0a	0a	0a
	Sharpen	2.85	LB/GAL	SC	0.0223	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
7	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	0a	0a	0a
	No Contact Herbicide											
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
8	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	0a	0a	0a
	Aim	2	LB/GAL	EC	0.0156	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
9	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	0a	0a	0a
	Bolero	8	LB/GAL	EC	3	lb ai/a	3	pt/a	3-4 LEAF			
10	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	0a	0a	0a
	Basagran	5	LB/GAL	L	0.94	lb ai/a	1.5	pt/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
11	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	0a	0a	0a
	Propanil	4	LB/GAL	EC	3	lb ai/a	3	qt/a	3-4 LEAF			
12	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	0a	0a	0a
	Sharpen	2.85	LB/GAL	SC	0.0223	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
LSD P=.05										.	.	.
Standard Deviation										0.0	0.0	0.0
CV										0.0	0.0	0.0
Replicate F										0.000	0.000	0.000
Replicate Prob(F)										1.0000	1.0000	1.0000
Treatment F										0.000	0.000	0.000
Treatment Prob(F)										1.0000	1.0000	1.0000

LSU AgCenter SPESS

Provisia Tank Mixed With Contact Herbicides

Trial ID:C16-13 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-13 Investigator:Eric P. Webster

Pest Code									RICE	RICE	RICE
Rating Date									Aug-9-2016	Sep-13-2016	Sep-13-2016
Rating Type									INJURY	HEIGHTS	HEIGHTS
Rating Unit									%	cm	cm
Trt-Eval Interval									60 DA 3-4LF	AT HARVEST	AT HARVEST
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
1	No Provisia									0a	78e	76e
	No Contact Herbicide											
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
2	No Provisia									0a	83de	84b-e
	Aim	2	LB/GAL	EC	0.0156	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
3	No Provisia									0a	84de	82cde
	Bolero	8	LB/GAL	EC	3	lb ai/a	3	pt/a	3-4 LEAF			
4	No Provisia									0a	85de	81de
	Basagran	5	LB/GAL	L	0.94	lb ai/a	1.5	pt/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
5	No Provisia									0a	84de	83b-e
	Propanil	4	LB/GAL	EC	3	lb ai/a	3	qt/a	3-4 LEAF			
6	No Provisia									0a	89a-d	88a-d
	Sharpen	2.85	LB/GAL	SC	0.0223	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
7	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	0a	87bcd	89a-d
	No Contact Herbicide											
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
8	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	0a	87cde	92ab
	Aim	2	LB/GAL	EC	0.0156	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
9	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	0a	97ab	95a
	Bolero	8	LB/GAL	EC	3	lb ai/a	3	pt/a	3-4 LEAF			
10	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	0a	97a	96a
	Basagran	5	LB/GAL	L	0.94	lb ai/a	1.5	pt/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
11	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	0a	92a-d	91abc
	Propanil	4	LB/GAL	EC	3	lb ai/a	3	qt/a	3-4 LEAF			
12	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	0a	96abc	88a-d
	Sharpen	2.85	LB/GAL	SC	0.0223	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
LSD P=.05										.	9.4	9.7
Standard Deviation										0.0	6.6	6.7
CV										0.0	7.44	7.74
Replicate F										0.000	1.017	0.448
Replicate Prob(F)										1.0000	0.3978	0.7201
Treatment F										0.000	3.400	3.132
Treatment Prob(F)										1.0000	0.0031	0.0054

LSU AgCenter SPESS

Provisia Tank Mixed With Contact Herbicides

Trial ID:C16-13 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-13 Investigator:Eric P. Webster

Pest Code									RICE	RICE	RICE
Rating Date									Sep-13-2016	Sep-13-2016	Sep-13-2016
Rating Type									HEIGHTS	HEIGHTS	AVG HEIGHT
Rating Unit									cm	cm	CM
Trt-Eval Interval									AT HARVEST	AT HARVEST	AT HARVEST
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
1	No Provisia									76f	82c	78f
	No Contact Herbicide											
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
2	No Provisia									92abc	82c	85cde
	Aim	2	LB/GAL	EC	0.0156	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
3	No Provisia									81ef	79c	82ef
	Bolero	8	LB/GAL	EC	3	lb ai/a	3	pt/a	3-4 LEAF			
4	No Provisia									84def	86bc	84def
	Basagran	5	LB/GAL	L	0.94	lb ai/a	1.5	pt/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
5	No Provisia									86cde	86bc	85c-f
	Propanil	4	LB/GAL	EC	3	lb ai/a	3	qt/a	3-4 LEAF			
6	No Provisia									90a-d	87bc	88b-e
	Sharpen	2.85	LB/GAL	SC	0.0223	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
7	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	89b-e	91ab	89bcd
	No Contact Herbicide											
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
8	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	93abc	93ab	91abc
	Aim	2	LB/GAL	EC	0.0156	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
9	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	97a	96a	96a
	Bolero	8	LB/GAL	EC	3	lb ai/a	3	pt/a	3-4 LEAF			
10	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	96ab	95a	96a
	Basagran	5	LB/GAL	L	0.94	lb ai/a	1.5	pt/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
11	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	91a-d	93ab	91abc
	Propanil	4	LB/GAL	EC	3	lb ai/a	3	qt/a	3-4 LEAF			
12	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	98a	96a	94ab
	Sharpen	2.85	LB/GAL	SC	0.0223	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
LSD P=.05										8.1	8.1	6.9
Standard Deviation										5.6	5.7	4.8
CV										6.27	6.39	5.45
Replicate F										0.533	1.170	0.907
Replicate Prob(F)										0.6627	0.3359	0.4484
Treatment F										5.724	4.336	5.814
Treatment Prob(F)										0.0001	0.0005	0.0001

LSU AgCenter
School of Plant, Environmental and Soil Sciences

Provisia With and Without Tank Mix Partners at EPOST

Experiment number	**C16-14**
Location.....	RRS-Crowley, LA
Experimental design	RCB
Number of reps.....	4
Plot size.....	5'x17'
Row width/# per plot	7.5"/8
Soil type	Crowley silt loam (3% sand, 69% silt, 28% clay)
% OM	1.4
pH	6.4
CEC.....	19.1
Crop/Variety	Provisia
Planting date	5/10/16
Emergence date	5/22/16
Harvest date	NA

Application type	1-2 LEAF	OVERSPRAY	1-2 TILLER
Date applied [mm/dd/yy]	5/30/16	6/9/16	6/15/16
Time [hh:mm-hh:mm]	10:35-11:00a	12:00-1:00p	9:20-9:30a
Air/Soil temperature [F].....	87/89	88/86	82/85
Relative humidity [%]	64%	52%	85%
Wind [mph, direction].....	1-2, WNW	2-5, NE	2-3, S
Weather [sunny, etc].....	pt. cloudy	pt. cloudy	pt. cloudy
Soil/Leaf surface moist	dry/dry	dry/dry	mud/dry
Crop stage/Height.....	1-2lf/3-4"	3-4lf/4-6"	1-2til/8-12"
Sprayer type/MPH	BKPK/3.0	BKPK/3.0	BKPK/3.0
Nozzle type/Size*	FF/110015	FF/110015	FF/110015
Boom ht/# Noz/Spacing	15/5/15	15/5/15	15/5/15
GPA/PSI	15/21	15/21	15/21
Applied by.....	SYR	BMM	BMM

Weed Species (population)..:	---------- (height/#leaves) ----------	
ECHCG(40-100m^{-2})	0.50-8"/2lf-3til	6-10"/4lf-1til
BRAPP(20-30m^{-2}).....	0.50-2"/1-3lf	3-6"/4-5lf
SEBEX(5-8m^{-2}).....	1-3"/cot-3lf	4-8"/4-8lf
CL111(20-30m^{-2})	3-4"/1-2lf	8-10"/4-5lf
CLXL745(20-30m^{-2})	3-4"/1-2lf	8-10"/4-5lf
ORYSA(20-30m^{-2})	3-4"/1-2lf	8-10"/4-5lf

Flush Dates	5/12/16
Permanent Flood	6/16/16

*AMFF – Air mix flat fan nozzles

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Provisia With and Without Tank Mix Partners at EPOST

Trial ID:C16-14 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-14 Investigator:Eric P. Webster

Pest Code									ECHCG	ECHCG	ECHCG
Rating Date									Jun-22-2016	Jul-6-2016	Aug-10-2016
Rating Type									CONTROL	CONTROL	CONTROL
Rating Unit									%	%	%
Trt-Eval Interval									7 DA 1-2TL	21 DA 1-2TL	56 DA 1-2TL
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
1	No Provisia								1-2 LEAF	0f	0d	0d
	No Tank Mix Partner								1-2 LEAF			
2	No Provisia								1-2 LEAF	3f	61b	64c
	Command	3	LB/GAL	ME	0.3	lb ai/a	12.8	oz/a	1-2 LEAF			
	Agri-dex	100	%	L	1	% v/v			1-2 LEAF			
3	No Provisia								1-2 LEAF	18e	59b	66c
	Prowl H20	3.8	LB/GAL	AS	1.09	lb ai/a	2.3	pt/a	1-2 LEAF			
	Agri-dex	100	%	L	1	% v/v			1-2 LEAF			
4	No Provisia								1-2 LEAF	40c	61b	65c
	Facet L	1.5	LB/GAL	SL	0.375	lb ai/a	32	oz/a	1-2 LEAF			
	Agri-dex	100	%	L	1	% v/v			1-2 LEAF			
5	No Provisia								1-2 LEAF	53b	0d	66c
	Bolero	8	LB/GAL	EC	3	lb ai/a	3	pt/a	1-2 LEAF			
	Agri-dex	100	%	L	1	% v/v			1-2 LEAF			
6	No Provisia								1-2 LEAF	28d	31c	73b
	Obey	2.4	LB/GAL	ZC	0.488	lb ai/a	26	oz/a	1-2 LEAF			
	Agri-dex	100	%	L	1	% v/v			1-2 LEAF			
7	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	1-2 LEAF	93a	99a	99a
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	1-2 TILLER			
	Agri-dex	100	%	L	1	% v/v			1-2 TILLER			
	No Tank Mix Partner								1-2 LEAF			
8	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	1-2 LEAF	95a	99a	99a
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	1-2 TILLER			
	Agri-dex	100	%	L	1	% v/v			1-2 TILLER			
	Command	3	LB/GAL	ME	0.3	lb ai/a	12.8	oz/a	1-2 LEAF			
	Agri-dex	100	%	L	1	% v/v			1-2 LEAF			
9	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	1-2 LEAF	97a	98a	99a
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	1-2 TILLER			
	Agri-dex	100	%	L	1	% v/v			1-2 TILLER			
	Prowl H20	3.8	LB/GAL	AS	1.09	lb ai/a	2.3	pt/a	1-2 LEAF			
	Agri-dex	100	%	L	1	% v/v			1-2 LEAF			
10	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	1-2 LEAF	96a	99a	98a
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	1-2 TILLER			
	Agri-dex	100	%	L	1	% v/v			1-2 TILLER			
	Facet L	1.5	LB/GAL	SL	0.375	lb ai/a	32	oz/a	1-2 LEAF			
	Agri-dex	100	%	L	1	% v/v			1-2 LEAF			
11	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	1-2 LEAF	97a	99a	99a
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	1-2 TILLER			
	Agri-dex	100	%	L	1	% v/v			1-2 TILLER			
	Bolero	8	LB/GAL	EC	3	lb ai/a	3	pt/a	1-2 LEAF			
	Agri-dex	100	%	L	1	% v/v			1-2 LEAF			

Means followed by same letter or symbol do not significantly differ (P=.05, LSD)
Could not calculate LSD (% mean diff) for columns 15,16,17 because error mean square = 0.

LSU AgCenter SPESS

Provisia With and Without Tank Mix Partners at EPOST

Trial ID:C16-14 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-14 Investigator:Eric P. Webster

Pest Code										ECHCG	ECHCG	ECHCG
Rating Date										Jun-22-2016	Jul-6-2016	Aug-10-2016
Rating Type										CONTROL	CONTROL	CONTROL
Rating Unit										%	%	%
Trt-Eval Interval										7 DA 1-2TL	21 DA 1-2TL	56 DA 1-2TL
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
12	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	1-2 LEAF	94a	99a	99a
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	1-2 TILLER			
	Agri-dex	100%		L	1%	v/v			1-2 TILLER			
	Obey	2.4	LB/GAL	ZC	0.488	lb ai/a	26	oz/a	1-2 LEAF			
	Agri-dex	100%		L	1%	v/v			1-2 LEAF			
LSD P=.05										8.0	4.1	5.4
Standard Deviation										5.6	2.9	3.8
CV										9.41	4.27	4.87
Replicate F										0.147	0.328	1.677
Replicate Prob(F)										0.9307	0.8050	0.1908
Treatment F										206.683	726.743	240.107
Treatment Prob(F)										0.0001	0.0001	0.0001

LSU AgCenter SPESS

Provisia With and Without Tank Mix Partners at EPOST

Trial ID:C16-14 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-14 Investigator:Eric P. Webster

Pest Code									LEFPA	LEFPA	CL111
Rating Date									Jul-6-2016	Aug-10-2016	Jun-22-2016
Rating Type									CONTROL	CONTROL	CONTROL
Rating Unit									%	%	%
Trt-Eval Interval									21 DA 1-2TL	56 DA 1-2TL	7 DA 1-2TL
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
1	No Provisia								1-2 LEAF	0e	0d	0c
	No Tank Mix Partner								1-2 LEAF			
2	No Provisia								1-2 LEAF	11d	63bc	0c
	Command	3	LB/GAL	ME	0.3	lb ai/a	12.8	oz/a	1-2 LEAF			
	Agri-dex	100	%	L	1	% v/v			1-2 LEAF			
3	No Provisia								1-2 LEAF	68b	65b	0c
	Prowl H20	3.8	LB/GAL	AS	1.09	lb ai/a	2.3	pt/a	1-2 LEAF			
	Agri-dex	100	%	L	1	% v/v			1-2 LEAF			
4	No Provisia								1-2 LEAF	0e	58c	0c
	Facet L	1.5	LB/GAL	SL	0.375	lb ai/a	32	oz/a	1-2 LEAF			
	Agri-dex	100	%	L	1	% v/v			1-2 LEAF			
5	No Provisia								1-2 LEAF	23c	64bc	0c
	Bolero	8	LB/GAL	EC	3	lb ai/a	3	pt/a	1-2 LEAF			
	Agri-dex	100	%	L	1	% v/v			1-2 LEAF			
6	No Provisia								1-2 LEAF	0e	60bc	0c
	Obey	2.4	LB/GAL	ZC	0.488	lb ai/a	26	oz/a	1-2 LEAF			
	Agri-dex	100	%	L	1	% v/v			1-2 LEAF			
7	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	1-2 LEAF	99a	99a	91b
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	1-2 TILLER			
	Agri-dex	100	%	L	1	% v/v			1-2 TILLER			
	No Tank Mix Partner								1-2 LEAF			
8	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	1-2 LEAF	99a	99a	92ab
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	1-2 TILLER			
	Agri-dex	100	%	L	1	% v/v			1-2 TILLER			
	Command	3	LB/GAL	ME	0.3	lb ai/a	12.8	oz/a	1-2 LEAF			
	Agri-dex	100	%	L	1	% v/v			1-2 LEAF			
9	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	1-2 LEAF	98a	99a	97a
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	1-2 TILLER			
	Agri-dex	100	%	L	1	% v/v			1-2 TILLER			
	Prowl H20	3.8	LB/GAL	AS	1.09	lb ai/a	2.3	pt/a	1-2 LEAF			
	Agri-dex	100	%	L	1	% v/v			1-2 LEAF			
10	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	1-2 LEAF	99a	98a	95ab
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	1-2 TILLER			
	Agri-dex	100	%	L	1	% v/v			1-2 TILLER			
	Facet L	1.5	LB/GAL	SL	0.375	lb ai/a	32	oz/a	1-2 LEAF			
	Agri-dex	100	%	L	1	% v/v			1-2 LEAF			
11	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	1-2 LEAF	99a	98a	95ab
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	1-2 TILLER			
	Agri-dex	100	%	L	1	% v/v			1-2 TILLER			
	Bolero	8	LB/GAL	EC	3	lb ai/a	3	pt/a	1-2 LEAF			
	Agri-dex	100	%	L	1	% v/v			1-2 LEAF			

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Provisia With and Without Tank Mix Partners at EPOST

Trial ID:C16-14 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-14 Investigator:Eric P. Webster

Pest Code									LEFPA	LEFPA	CL111
Rating Date									Jul-6-2016	Aug-10-2016	Jun-22-2016
Rating Type									CONTROL	CONTROL	CONTROL
Rating Unit									%	%	%
Trt-Eval Interval									21 DA 1-2TL	56 DA 1-2TL	7 DA 1-2TL
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
12	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	1-2 LEAF	99a	99a	93ab
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	1-2 TILLER			
	Agri-dex	100%		L	1%	v/v			1-2 TILLER			
	Obey	2.4	LB/GAL	ZC	0.488	lb ai/a	26	oz/a	1-2 LEAF			
	Agri-dex	100%		L	1%	v/v			1-2 LEAF			
LSD P=.05										5.0	6.5	5.7
Standard Deviation										3.5	4.6	3.9
CV										6.08	6.07	8.4
Replicate F										1.818	2.375	2.011
Replicate Prob(F)										0.1630	0.0878	0.1316
Treatment F										694.894	172.818	619.700
Treatment Prob(F)										0.0001	0.0001	0.0001

LSU AgCenter SPESS

Provisia With and Without Tank Mix Partners at EPOST

Trial ID:C16-14 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-14 Investigator:Eric P. Webster

Pest Code									CL111	CL111	CLXL745
Rating Date									Jul-6-2016	Aug-10-2016	Jun-22-2016
Rating Type									CONTROL	CONTROL	CONTROL
Rating Unit									%	%	%
Trt-Eval Interval									21 DA 1-2TL	56 DA 1-2TL	7 DA 1-2TL
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
1	No Provisia								1-2 LEAF	0c	0d	0b
	No Tank Mix Partner								1-2 LEAF			
2	No Provisia								1-2 LEAF	10b	65b	0b
	Command	3	LB/GAL	ME	0.3	lb ai/a	12.8	oz/a	1-2 LEAF			
	Agri-dex	100	%	L	1	% v/v			1-2 LEAF			
3	No Provisia								1-2 LEAF	0c	63b	0b
	Prowl H20	3.8	LB/GAL	AS	1.09	lb ai/a	2.3	pt/a	1-2 LEAF			
	Agri-dex	100	%	L	1	% v/v			1-2 LEAF			
4	No Provisia								1-2 LEAF	0c	65b	0b
	Facet L	1.5	LB/GAL	SL	0.375	lb ai/a	32	oz/a	1-2 LEAF			
	Agri-dex	100	%	L	1	% v/v			1-2 LEAF			
5	No Provisia								1-2 LEAF	0c	63b	0b
	Bolero	8	LB/GAL	EC	3	lb ai/a	3	pt/a	1-2 LEAF			
	Agri-dex	100	%	L	1	% v/v			1-2 LEAF			
6	No Provisia								1-2 LEAF	0c	59c	0b
	Obey	2.4	LB/GAL	ZC	0.488	lb ai/a	26	oz/a	1-2 LEAF			
	Agri-dex	100	%	L	1	% v/v			1-2 LEAF			
7	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	1-2 LEAF	99a	99a	91a
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	1-2 TILLER			
	Agri-dex	100	%	L	1	% v/v			1-2 TILLER			
	No Tank Mix Partner								1-2 LEAF			
8	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	1-2 LEAF	99a	99a	92a
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	1-2 TILLER			
	Agri-dex	100	%	L	1	% v/v			1-2 TILLER			
	Command	3	LB/GAL	ME	0.3	lb ai/a	12.8	oz/a	1-2 LEAF			
	Agri-dex	100	%	L	1	% v/v			1-2 LEAF			
9	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	1-2 LEAF	99a	99a	95a
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	1-2 TILLER			
	Agri-dex	100	%	L	1	% v/v			1-2 TILLER			
	Prowl H20	3.8	LB/GAL	AS	1.09	lb ai/a	2.3	pt/a	1-2 LEAF			
	Agri-dex	100	%	L	1	% v/v			1-2 LEAF			
10	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	1-2 LEAF	99a	99a	96a
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	1-2 TILLER			
	Agri-dex	100	%	L	1	% v/v			1-2 TILLER			
	Facet L	1.5	LB/GAL	SL	0.375	lb ai/a	32	oz/a	1-2 LEAF			
	Agri-dex	100	%	L	1	% v/v			1-2 LEAF			
11	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	1-2 LEAF	99a	99a	94a
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	1-2 TILLER			
	Agri-dex	100	%	L	1	% v/v			1-2 TILLER			
	Bolero	8	LB/GAL	EC	3	lb ai/a	3	pt/a	1-2 LEAF			
	Agri-dex	100	%	L	1	% v/v			1-2 LEAF			

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Provisia With and Without Tank Mix Partners at EPOST

Trial ID:C16-14 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-14 Investigator:Eric P. Webster

Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	CL111	CL111	CLXL745
	Pest Code									CL111	CL111	CLXL745
	Rating Date									Jul-6-2016	Aug-10-2016	Jun-22-2016
	Rating Type									CONTROL	CONTROL	CONTROL
	Rating Unit									%	%	%
	Trt-Eval Interval									21 DA 1-2TL	56 DA 1-2TL	7 DA 1-2TL
12	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	1-2 LEAF	99a	99a	94a
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	1-2 TILLER			
	Agri-dex	100%		L	1%	v/v			1-2 TILLER			
	Obey	2.4	LB/GAL	ZC	0.488	lb ai/a	26	oz/a	1-2 LEAF			
	Agri-dex	100%		L	1%	v/v			1-2 LEAF			
	LSD P=.05									4.8	3.2	6.0
	Standard Deviation									3.3	2.3	4.2
	CV									6.64	2.99	8.95
	Replicate F									1.112	0.353	1.448
	Replicate Prob(F)									0.3583	0.7876	0.2466
	Treatment F									927.480	695.645	545.255
	Treatment Prob(F)									0.0001	0.0001	0.0001

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Provisia With and Without Tank Mix Partners at EPOST

Trial ID:C16-14 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-14 Investigator:Eric P. Webster

Pest Code								CLXL745	CLXL745	ORYSA
Rating Date								Jul-6-2016	Aug-10-2016	Jun-22-2016
Rating Type								CONTROL	CONTROL	CONTROL
Rating Unit								%	%	%
Trt-Eval Interval								21 DA 1-2TL	56 DA 1-2TL	7 DA 1-2TL
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
1	No Provisia								1-2 LEAF	0b	0e	0b
	No Tank Mix Partner								1-2 LEAF			
2	No Provisia								1-2 LEAF	0b	63cd	0b
	Command	3	LB/GAL	ME	0.3	lb ai/a	12.8	oz/a	1-2 LEAF			
	Agri-dex	100	%	L	1	% v/v			1-2 LEAF			
3	No Provisia								1-2 LEAF	0b	66b	0b
	Prowl H20	3.8	LB/GAL	AS	1.09	lb ai/a	2.3	pt/a	1-2 LEAF			
	Agri-dex	100	%	L	1	% v/v			1-2 LEAF			
4	No Provisia								1-2 LEAF	0b	66b	0b
	Facet L	1.5	LB/GAL	SL	0.375	lb ai/a	32	oz/a	1-2 LEAF			
	Agri-dex	100	%	L	1	% v/v			1-2 LEAF			
5	No Provisia								1-2 LEAF	0b	65bc	0b
	Bolero	8	LB/GAL	EC	3	lb ai/a	3	pt/a	1-2 LEAF			
	Agri-dex	100	%	L	1	% v/v			1-2 LEAF			
6	No Provisia								1-2 LEAF	0b	61d	0b
	Obey	2.4	LB/GAL	ZC	0.488	lb ai/a	26	oz/a	1-2 LEAF			
	Agri-dex	100	%	L	1	% v/v			1-2 LEAF			
7	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	1-2 LEAF	99a	99a	94a
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	1-2 TILLER			
	Agri-dex	100	%	L	1	% v/v			1-2 TILLER			
	No Tank Mix Partner								1-2 LEAF			
8	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	1-2 LEAF	99a	99a	94a
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	1-2 TILLER			
	Agri-dex	100	%	L	1	% v/v			1-2 TILLER			
	Command	3	LB/GAL	ME	0.3	lb ai/a	12.8	oz/a	1-2 LEAF			
	Agri-dex	100	%	L	1	% v/v			1-2 LEAF			
9	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	1-2 LEAF	99a	99a	94a
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	1-2 TILLER			
	Agri-dex	100	%	L	1	% v/v			1-2 TILLER			
	Prowl H20	3.8	LB/GAL	AS	1.09	lb ai/a	2.3	pt/a	1-2 LEAF			
	Agri-dex	100	%	L	1	% v/v			1-2 LEAF			
10	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	1-2 LEAF	99a	99a	97a
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	1-2 TILLER			
	Agri-dex	100	%	L	1	% v/v			1-2 TILLER			
	Facet L	1.5	LB/GAL	SL	0.375	lb ai/a	32	oz/a	1-2 LEAF			
	Agri-dex	100	%	L	1	% v/v			1-2 LEAF			
11	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	1-2 LEAF	99a	99a	95a
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	1-2 TILLER			
	Agri-dex	100	%	L	1	% v/v			1-2 TILLER			
	Bolero	8	LB/GAL	EC	3	lb ai/a	3	pt/a	1-2 LEAF			
	Agri-dex	100	%	L	1	% v/v			1-2 LEAF			

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Provisia With and Without Tank Mix Partners at EPOST

Trial ID:C16-14 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-14 Investigator:Eric P. Webster

Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	CLXL745	CLXL745	ORYSA
	Pest Code									CLXL745	CLXL745	ORYSA
	Rating Date									Jul-6-2016	Aug-10-2016	Jun-22-2016
	Rating Type									CONTROL	CONTROL	CONTROL
	Rating Unit									%	%	%
	Trt-Eval Interval									21 DA 1-2TL	56 DA 1-2TL	7 DA 1-2TL
12	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	1-2 LEAF	99a	99a	94a
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	1-2 TILLER			
	Agri-dex	100%		L	1%	v/v			1-2 TILLER			
	Obey	2.4	LB/GAL	ZC	0.488	lb ai/a	26	oz/a	1-2 LEAF			
	Agri-dex	100%		L	1%	v/v			1-2 LEAF			
	LSD P=.05									0.5	3.6	3.8
	Standard Deviation									0.4	2.5	2.7
	CV									0.73	3.25	5.67
	Replicate F									0.423	1.809	1.324
	Replicate Prob(F)									0.7377	0.1647	0.2832
	Treatment F									80876.893	569.774	1359.682
	Treatment Prob(F)									0.0001	0.0001	0.0001

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Provisia With and Without Tank Mix Partners at EPOST

Trial ID:C16-14 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-14 Investigator:Eric P. Webster

Pest Code									ORYSA	ORYSA	RICE
Rating Date									Jul-6-2016	Aug-10-2016	Jun-22-2016
Rating Type									CONTROL	CONTROL	INJURY
Rating Unit									%	%	%
Trt-Eval Interval									21 DA 1-2TL	56 DA 1-2TL	7 DA 1-2TL
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
1	No Provisia								1-2 LEAF	0c	0d	0a
	No Tank Mix Partner								1-2 LEAF			
2	No Provisia								1-2 LEAF	0c	71b	0a
	Command	3	LB/GAL	ME	0.3	lb ai/a	12.8	oz/a	1-2 LEAF			
	Agri-dex	100	%	L	1	% v/v			1-2 LEAF			
3	No Provisia								1-2 LEAF	0c	59c	0a
	Prowl H20	3.8	LB/GAL	AS	1.09	lb ai/a	2.3	pt/a	1-2 LEAF			
	Agri-dex	100	%	L	1	% v/v			1-2 LEAF			
4	No Provisia								1-2 LEAF	0c	59c	0a
	Facet L	1.5	LB/GAL	SL	0.375	lb ai/a	32	oz/a	1-2 LEAF			
	Agri-dex	100	%	L	1	% v/v			1-2 LEAF			
5	No Provisia								1-2 LEAF	0c	60bc	0a
	Bolero	8	LB/GAL	EC	3	lb ai/a	3	pt/a	1-2 LEAF			
	Agri-dex	100	%	L	1	% v/v			1-2 LEAF			
6	No Provisia								1-2 LEAF	0c	66bc	0a
	Obey	2.4	LB/GAL	ZC	0.488	lb ai/a	26	oz/a	1-2 LEAF			
	Agri-dex	100	%	L	1	% v/v			1-2 LEAF			
7	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	1-2 LEAF	99a	98a	0a
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	1-2 TILLER			
	Agri-dex	100	%	L	1	% v/v			1-2 TILLER			
	No Tank Mix Partner								1-2 LEAF			
8	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	1-2 LEAF	99b	99a	0a
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	1-2 TILLER			
	Agri-dex	100	%	L	1	% v/v			1-2 TILLER			
	Command	3	LB/GAL	ME	0.3	lb ai/a	12.8	oz/a	1-2 LEAF			
	Agri-dex	100	%	L	1	% v/v			1-2 LEAF			
9	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	1-2 LEAF	99ab	99a	0a
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	1-2 TILLER			
	Agri-dex	100	%	L	1	% v/v			1-2 TILLER			
	Prowl H20	3.8	LB/GAL	AS	1.09	lb ai/a	2.3	pt/a	1-2 LEAF			
	Agri-dex	100	%	L	1	% v/v			1-2 LEAF			
10	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	1-2 LEAF	99ab	99a	0a
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	1-2 TILLER			
	Agri-dex	100	%	L	1	% v/v			1-2 TILLER			
	Facet L	1.5	LB/GAL	SL	0.375	lb ai/a	32	oz/a	1-2 LEAF			
	Agri-dex	100	%	L	1	% v/v			1-2 LEAF			
11	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	1-2 LEAF	99ab	99a	0a
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	1-2 TILLER			
	Agri-dex	100	%	L	1	% v/v			1-2 TILLER			
	Bolero	8	LB/GAL	EC	3	lb ai/a	3	pt/a	1-2 LEAF			
	Agri-dex	100	%	L	1	% v/v			1-2 LEAF			

LSU AgCenter SPESS

Provisia With and Without Tank Mix Partners at EPOST

Trial ID:C16-14 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-14 Investigator:Eric P. Webster

Pest Code										ORYSA	ORYSA	RICE
Rating Date										Jul-6-2016	Aug-10-2016	Jun-22-2016
Rating Type										CONTROL	CONTROL	INJURY
Rating Unit										%	%	%
Trt-Eval Interval										21 DA 1-2TL	56 DA 1-2TL	7 DA 1-2TL
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
12	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	1-2 LEAF	99ab	99a	0a
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	1-2 TILLER			
	Agri-dex	100%		L	1%	v/v			1-2 TILLER			
	Obey	2.4	LB/GAL	ZC	0.488	lb ai/a	26	oz/a	1-2 LEAF			
	Agri-dex	100%		L	1%	v/v			1-2 LEAF			
LSD P=.05										0.5	12.0	.
Standard Deviation										0.3	8.3	0.0
CV										0.67	11.0	0.0
Replicate F										1.279	0.451	0.000
Replicate Prob(F)										0.2977	0.7184	1.0000
Treatment F										97969.614	51.686	0.000
Treatment Prob(F)										0.0001	0.0001	1.0000

LSU AgCenter SPESS

Provisia With and Without Tank Mix Partners at EPOST

Trial ID:C16-14 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-14 Investigator:Eric P. Webster

Pest Code								RICE	RICE	RICE
Rating Date								Jul-6-2016	Aug-10-2016	Sep-13-2016
Rating Type								INJURY	INJURY	HEIGHT
Rating Unit								%	%	cm
Trt-Eval Interval								21 DA 1-2TL	56 DA 1-2TL	AT HARVEST
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
1	No Provisia								1-2 LEAF	0a	0a	75d
	No Tank Mix Partner								1-2 LEAF			
2	No Provisia								1-2 LEAF	0a	0a	81cd
	Command	3	LB/GAL	ME	0.3	lb ai/a	12.8	oz/a	1-2 LEAF			
	Agri-dex	100	%	L	1	% v/v			1-2 LEAF			
3	No Provisia								1-2 LEAF	0a	0a	94ab
	Prowl H20	3.8	LB/GAL	AS	1.09	lb ai/a	2.3	pt/a	1-2 LEAF			
	Agri-dex	100	%	L	1	% v/v			1-2 LEAF			
4	No Provisia								1-2 LEAF	0a	0a	94ab
	Facet L	1.5	LB/GAL	SL	0.375	lb ai/a	32	oz/a	1-2 LEAF			
	Agri-dex	100	%	L	1	% v/v			1-2 LEAF			
5	No Provisia								1-2 LEAF	0a	0a	91abc
	Bolero	8	LB/GAL	EC	3	lb ai/a	3	pt/a	1-2 LEAF			
	Agri-dex	100	%	L	1	% v/v			1-2 LEAF			
6	No Provisia								1-2 LEAF	0a	0a	93ab
	Obey	2.4	LB/GAL	ZC	0.488	lb ai/a	26	oz/a	1-2 LEAF			
	Agri-dex	100	%	L	1	% v/v			1-2 LEAF			
7	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	1-2 LEAF	0a	0a	91abc
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	1-2 TILLER			
	Agri-dex	100	%	L	1	% v/v			1-2 TILLER			
	No Tank Mix Partner								1-2 LEAF			
8	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	1-2 LEAF	0a	0a	87abc
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	1-2 TILLER			
	Agri-dex	100	%	L	1	% v/v			1-2 TILLER			
	Command	3	LB/GAL	ME	0.3	lb ai/a	12.8	oz/a	1-2 LEAF			
	Agri-dex	100	%	L	1	% v/v			1-2 LEAF			
9	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	1-2 LEAF	0a	0a	85bcd
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	1-2 TILLER			
	Agri-dex	100	%	L	1	% v/v			1-2 TILLER			
	Prowl H20	3.8	LB/GAL	AS	1.09	lb ai/a	2.3	pt/a	1-2 LEAF			
	Agri-dex	100	%	L	1	% v/v			1-2 LEAF			
10	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	1-2 LEAF	0a	0a	88abc
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	1-2 TILLER			
	Agri-dex	100	%	L	1	% v/v			1-2 TILLER			
	Facet L	1.5	LB/GAL	SL	0.375	lb ai/a	32	oz/a	1-2 LEAF			
	Agri-dex	100	%	L	1	% v/v			1-2 LEAF			
11	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	1-2 LEAF	0a	0a	92ab
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	1-2 TILLER			
	Agri-dex	100	%	L	1	% v/v			1-2 TILLER			
	Bolero	8	LB/GAL	EC	3	lb ai/a	3	pt/a	1-2 LEAF			
	Agri-dex	100	%	L	1	% v/v			1-2 LEAF			

LSU AgCenter SPESS

Provisia With and Without Tank Mix Partners at EPOST

Trial ID:C16-14 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-14 Investigator:Eric P. Webster

Pest Code									RICE	RICE	RICE
Rating Date									Jul-6-2016	Aug-10-2016	Sep-13-2016
Rating Type									INJURY	INJURY	HEIGHT
Rating Unit									%	%	cm
Trt-Eval Interval									21 DA 1-2TL	56 DA 1-2TL	AT HARVEST
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
12	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	1-2 LEAF	0a	0a	97a
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	1-2 TILLER			
	Agri-dex	100%		L	1%	v/v			1-2 TILLER			
	Obey	2.4	LB/GAL	ZC	0.488	lb ai/a	26	oz/a	1-2 LEAF			
	Agri-dex	100%		L	1%	v/v			1-2 LEAF			
LSD P=.05										.	.	10.9
Standard Deviation										0.0	0.0	7.6
CV										0.0	0.0	8.5
Replicate F										0.000	0.000	0.146
Replicate Prob(F)										1.0000	1.0000	0.9317
Treatment F										0.000	0.000	2.686
Treatment Prob(F)										1.0000	1.0000	0.0139

LSU AgCenter SPESS

Provisia With and Without Tank Mix Partners at EPOST

Trial ID:C16-14 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-14 Investigator:Eric P. Webster

Pest Code								RICE	RICE	RICE
Rating Date								Sep-13-2016	Sep-13-2016	Sep-13-2016
Rating Type								HEIGHT	HEIGHT	HEIGHT
Rating Unit								cm	cm	cm
Trt-Eval Interval								AT HARVEST	AT HARVEST	AT HARVEST
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
1	No Provisia								1-2 LEAF	93ab	94a	93a
	No Tank Mix Partner								1-2 LEAF			
2	No Provisia								1-2 LEAF	94ab	91a	90a
	Command	3	LB/GAL	ME	0.3	lb ai/a	12.8	oz/a	1-2 LEAF			
	Agri-dex	100%		L	1%	v/v			1-2 LEAF			
3	No Provisia								1-2 LEAF	94ab	95a	94a
	Prowl H20	3.8	LB/GAL	AS	1.09	lb ai/a	2.3	pt/a	1-2 LEAF			
	Agri-dex	100%		L	1%	v/v			1-2 LEAF			
4	No Provisia								1-2 LEAF	94ab	95a	94a
	Facet L	1.5	LB/GAL	SL	0.375	lb ai/a	32	oz/a	1-2 LEAF			
	Agri-dex	100%		L	1%	v/v			1-2 LEAF			
5	No Provisia								1-2 LEAF	93ab	89a	92a
	Bolero	8	LB/GAL	EC	3	lb ai/a	3	pt/a	1-2 LEAF			
	Agri-dex	100%		L	1%	v/v			1-2 LEAF			
6	No Provisia								1-2 LEAF	77c	95a	95a
	Obey	2.4	LB/GAL	ZC	0.488	lb ai/a	26	oz/a	1-2 LEAF			
	Agri-dex	100%		L	1%	v/v			1-2 LEAF			
7	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	1-2 LEAF	96a	93a	91a
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	1-2 TILLER			
	Agri-dex	100%		L	1%	v/v			1-2 TILLER			
	No Tank Mix Partner								1-2 LEAF			
8	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	1-2 LEAF	91ab	92a	89a
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	1-2 TILLER			
	Agri-dex	100%		L	1%	v/v			1-2 TILLER			
	Command	3	LB/GAL	ME	0.3	lb ai/a	12.8	oz/a	1-2 LEAF			
	Agri-dex	100%		L	1%	v/v			1-2 LEAF			
9	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	1-2 LEAF	91ab	92a	92a
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	1-2 TILLER			
	Agri-dex	100%		L	1%	v/v			1-2 TILLER			
	Prowl H20	3.8	LB/GAL	AS	1.09	lb ai/a	2.3	pt/a	1-2 LEAF			
	Agri-dex	100%		L	1%	v/v			1-2 LEAF			
10	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	1-2 LEAF	88b	91a	93a
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	1-2 TILLER			
	Agri-dex	100%		L	1%	v/v			1-2 TILLER			
	Facet L	1.5	LB/GAL	SL	0.375	lb ai/a	32	oz/a	1-2 LEAF			
	Agri-dex	100%		L	1%	v/v			1-2 LEAF			
11	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	1-2 LEAF	92ab	95a	90a
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	1-2 TILLER			
	Agri-dex	100%		L	1%	v/v			1-2 TILLER			
	Bolero	8	LB/GAL	EC	3	lb ai/a	3	pt/a	1-2 LEAF			
	Agri-dex	100%		L	1%	v/v			1-2 LEAF			

LSU AgCenter SPESS

Provisia With and Without Tank Mix Partners at EPOST

Trial ID:C16-14 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-14 Investigator:Eric P. Webster

Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	RICE	RICE	RICE
Pest Code										RICE	RICE	RICE
Rating Date										Sep-13-2016	Sep-13-2016	Sep-13-2016
Rating Type										HEIGHT	HEIGHT	HEIGHT
Rating Unit										cm	cm	cm
Trt-Eval Interval										AT HARVEST	AT HARVEST	AT HARVEST
12	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	1-2 LEAF	96ab	95a	95a
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	1-2 TILLER			
	Agri-dex	100%		L	1%	v/v			1-2 TILLER			
	Obey	2.4	LB/GAL	ZC	0.488	lb ai/a	26	oz/a	1-2 LEAF			
	Agri-dex	100%		L	1%	v/v			1-2 LEAF			
LSD P=.05										8.4	10.8	9.4
Standard Deviation										5.9	7.5	6.5
CV										6.42	8.06	7.08
Replicate F										0.342	0.351	0.415
Replicate Prob(F)										0.7950	0.7884	0.7430
Treatment F										3.201	0.289	0.386
Treatment Prob(F)										0.0047	0.9836	0.9523

LSU AgCenter SPESS

Provisia With and Without Tank Mix Partners at EPOST

Trial ID:C16-14 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-14 Investigator:Eric P. Webster

Pest Code								RICE
Rating Date								Sep-13-2016
Rating Type								AVG HEIGHT
Rating Unit								cm
Trt-Eval Interval								AT HARVEST
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	
1	No Provisia								1-2 LEAF	89a
	No Tank Mix Partner								1-2 LEAF	
2	No Provisia								1-2 LEAF	89a
	Command	3	LB/GAL	ME	0.3	lb ai/a	12.8	oz/a	1-2 LEAF	
	Agri-dex	100%		L	1%	v/v			1-2 LEAF	
3	No Provisia								1-2 LEAF	94a
	Prowl H20	3.8	LB/GAL	AS	1.09	lb ai/a	2.3	pt/a	1-2 LEAF	
	Agri-dex	100%		L	1%	v/v			1-2 LEAF	
4	No Provisia								1-2 LEAF	94a
	Facet L	1.5	LB/GAL	SL	0.375	lb ai/a	32	oz/a	1-2 LEAF	
	Agri-dex	100%		L	1%	v/v			1-2 LEAF	
5	No Provisia								1-2 LEAF	91a
	Bolero	8	LB/GAL	EC	3	lb ai/a	3	pt/a	1-2 LEAF	
	Agri-dex	100%		L	1%	v/v			1-2 LEAF	
6	No Provisia								1-2 LEAF	90a
	Obey	2.4	LB/GAL	ZC	0.488	lb ai/a	26	oz/a	1-2 LEAF	
	Agri-dex	100%		L	1%	v/v			1-2 LEAF	
7	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	1-2 LEAF	93a
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	1-2 TILLER	
	Agri-dex	100%		L	1%	v/v			1-2 TILLER	
	No Tank Mix Partner								1-2 LEAF	
8	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	1-2 LEAF	89a
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	1-2 TILLER	
	Agri-dex	100%		L	1%	v/v			1-2 TILLER	
	Command	3	LB/GAL	ME	0.3	lb ai/a	12.8	oz/a	1-2 LEAF	
	Agri-dex	100%		L	1%	v/v			1-2 LEAF	
9	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	1-2 LEAF	90a
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	1-2 TILLER	
	Agri-dex	100%		L	1%	v/v			1-2 TILLER	
	Prowl H20	3.8	LB/GAL	AS	1.09	lb ai/a	2.3	pt/a	1-2 LEAF	
	Agri-dex	100%		L	1%	v/v			1-2 LEAF	
10	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	1-2 LEAF	90a
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	1-2 TILLER	
	Agri-dex	100%		L	1%	v/v			1-2 TILLER	
	Facet L	1.5	LB/GAL	SL	0.375	lb ai/a	32	oz/a	1-2 LEAF	
	Agri-dex	100%		L	1%	v/v			1-2 LEAF	
11	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	1-2 LEAF	92a
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	1-2 TILLER	
	Agri-dex	100%		L	1%	v/v			1-2 TILLER	
	Bolero	8	LB/GAL	EC	3	lb ai/a	3	pt/a	1-2 LEAF	
	Agri-dex	100%		L	1%	v/v			1-2 LEAF	

LSU AgCenter SPESS

Provisia With and Without Tank Mix Partners at EPOST

Trial ID:C16-14 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-14 Investigator:Eric P. Webster

Pest Code									RICE
Rating Date									Sep-13-2016
Rating Type									AVG HEIGHT
Rating Unit									cm
Trt-Eval Interval									AT HARVEST
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	
12	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	1-2 LEAF	95a
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	1-2 TILLER	
	Agri-dex	100%		L	1%	v/v			1-2 TILLER	
	Obey	2.4	LB/GAL	ZC	0.488	lb ai/a	26	oz/a	1-2 LEAF	
	Agri-dex	100%		L	1%	v/v			1-2 LEAF	
LSD P=.05										8.2
Standard Deviation										5.7
CV										6.24
Replicate F										0.109
Replicate Prob(F)										0.9540
Treatment F										0.628
Treatment Prob(F)										0.7918

LSU AgCenter
School of Plant, Environmental and Soil Sciences

Increasing Provisia Rates in RiceBeaux Mixtures

Experiment number .....: **C16-15**
Location.....: RRS-Crowley, LA
Experimental design .....: RCB
Number of reps.....: 4
Plot size.....: 5'x17'
Row width/# per plot .....: 7.5"/8
Soil type .....: Crowley silt loam (3% sand, 69% silt, 28% clay)
% OM .....: 1.4
pH .....: 6.4
CEC.....: 19.1
Crop/Variety .....: Provisia
Planting date .....: 5/10/16
Emergence date .....: 5/22/16
Harvest date .....: NA

Application type .....: 3-4 LEAF
Date applied [mm/dd/yy] .....: 6/6/16
Time [hh:mm-hh:mm] .....: 11:32-11:55a
Air/Soil temperature [F].....: 83/83
Relative humidity [%] .....: 75%
Wind [mph, direction] .....: 2-5, N
Weather [sunny, etc].....: sunny
Soil/Leaf surface moist .....: wet/dry
Crop stage/Height.....: 3-4lf/4-6"
Sprayer type/MPH .....: BKPK/3.0
Nozzle type/Size* .....: FF/110015
Boom ht/# Noz/Spacing .....: 15/5/15
GPA/PSI.....: 15/21
Applied by.....: EAB

Weed Species (population)..:- (height/#leaves) -
ECHCG(25-50m^{-2}) .....: 4-6"/3-4lf
LEFPA(5-10m^{-2}) .....: 1-10"/2-7lf
ORYSA(10-30m^{-2}) .....: 6-8"/3-4lf
CL111(3-5m^{-2}) .....: 4-6""/3-4lf
CLXL745(3-5m^{-2}) .....: 4-6""/3-4lf

Flush Dates .....: 5/12/16
Permanent Flood .....: 6/16/16

*AMFF – Air mix flat fan nozzles

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Increasing Provisia Rates in RiceBeaux Mixtures

Trial ID:C16-15 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-15 Investigator:Eric P. Webster

Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	CL111	CL111	CL111
Pest Code										CL111	CL111	CL111
Rating Date										Jun-24-2016	Jul-6-2016	Jul-18-2016
Rating Type										CONTROL	CONTROL	CONTROL
Rating Unit										%	%	%
Trt-Eval Interval										18 DAT	30 DAT	42 DAT
1	No Provisia									0d	0e	0d
	No Mix Partner											
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
2	No Provisia									0d	0e	0d
	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	3-4 LEAF			
3	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	94a	94a	94a
	No Mix Partner											
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
4	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	81c	60cd	58c
	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	3-4 LEAF			
5	Provisia	0.88	LB/GAL	EC	0.127	lb ai/a	18.5	oz/a	3-4 LEAF	96a	93a	92a
	No Mix Partner											
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
6	Provisia	0.88	LB/GAL	EC	0.127	lb ai/a	18.5	oz/a	3-4 LEAF	79c	59d	74b
	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	3-4 LEAF			
7	Provisia	0.88	LB/GAL	EC	0.148	lb ai/a	21.5	oz/a	3-4 LEAF	97a	94a	91a
	No Mix Partner											
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
8	Provisia	0.88	LB/GAL	EC	0.148	lb ai/a	21.5	oz/a	3-4 LEAF	81c	65c	76b
	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	3-4 LEAF			
9	Provisia	0.88	LB/GAL	EC	0.168	lb ai/a	24.5	oz/a	3-4 LEAF	96a	93a	90a
	No Mix Partner											
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
10	Provisia	0.88	LB/GAL	EC	0.168	lb ai/a	24.5	oz/a	3-4 LEAF	86b	86b	78b
	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	3-4 LEAF			
LSD P=.05										4.0	6.1	9.2
Standard Deviation										2.8	4.2	6.4
CV										3.88	6.58	9.76
Replicate F										2.371	0.620	0.657
Replicate Prob(F)										0.0926	0.6083	0.5856
Treatment F										761.985	302.072	128.813
Treatment Prob(F)										0.0001	0.0001	0.0001

Means followed by same letter or symbol do not significantly differ (P=.05, LSD)
Could not calculate LSD (% mean diff) for columns 15,16,17 because error mean square = 0.

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Increasing Provisia Rates in RiceBeaux Mixtures

Trial ID:C16-15 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-15 Investigator:Eric P. Webster

Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	CLXL745 Jun-24-2016 CONTROL % 18 DAT	CLXL745 Jul-6-2016 CONTROL % 30 DAT	CLXL745 Jul-18-2016 CONTROL % 42 DAT
1	No Provisia									0d	0d	0d
	No Mix Partner											
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
2	No Provisia									0d	0d	0d
	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	3-4 LEAF			
3	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	93ab	94a	94a
	No Mix Partner											
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
4	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	78c	63c	56c
	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	3-4 LEAF			
5	Provisia	0.88	LB/GAL	EC	0.127	lb ai/a	18.5	oz/a	3-4 LEAF	97a	95a	91a
	No Mix Partner											
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
6	Provisia	0.88	LB/GAL	EC	0.127	lb ai/a	18.5	oz/a	3-4 LEAF	80c	60c	70b
	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	3-4 LEAF			
7	Provisia	0.88	LB/GAL	EC	0.148	lb ai/a	21.5	oz/a	3-4 LEAF	96a	95a	93a
	No Mix Partner											
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
8	Provisia	0.88	LB/GAL	EC	0.148	lb ai/a	21.5	oz/a	3-4 LEAF	83c	65c	69b
	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	3-4 LEAF			
9	Provisia	0.88	LB/GAL	EC	0.168	lb ai/a	24.5	oz/a	3-4 LEAF	95a	95a	90a
	No Mix Partner											
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
10	Provisia	0.88	LB/GAL	EC	0.168	lb ai/a	24.5	oz/a	3-4 LEAF	89b	80b	73b
	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	3-4 LEAF			
LSD P=.05										5.5	9.0	8.5
Standard Deviation										3.8	6.2	5.9
CV										5.33	9.58	9.26
Replicate F										1.496	0.683	0.582
Replicate Prob(F)										0.2381	0.5702	0.6320
Treatment F										404.511	141.596	147.555
Treatment Prob(F)										0.0001	0.0001	0.0001

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Increasing Provisia Rates in RiceBeaux Mixtures

Trial ID:C16-15 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-15 Investigator:Eric P. Webster

Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	ORYSA Jun-24-2016 CONTROL % 18 DAT	ORYSA Jul-6-2016 CONTROL % 30 DAT	ORYSA Jul-18-2016 CONTROL % 42 DAT
1	No Provisia									0f	0e	0f
	No Mix Partner											
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
2	No Provisia									0f	0e	0f
	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	3-4 LEAF			
3	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	94ab	94a	91a
	No Mix Partner											
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
4	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	84de	55c	45d
	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	3-4 LEAF			
5	Provisia	0.88	LB/GAL	EC	0.127	lb ai/a	18.5	oz/a	3-4 LEAF	97a	96a	92a
	No Mix Partner											
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
6	Provisia	0.88	LB/GAL	EC	0.127	lb ai/a	18.5	oz/a	3-4 LEAF	80e	48d	38e
	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	3-4 LEAF			
7	Provisia	0.88	LB/GAL	EC	0.148	lb ai/a	21.5	oz/a	3-4 LEAF	97a	96a	91a
	No Mix Partner											
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
8	Provisia	0.88	LB/GAL	EC	0.148	lb ai/a	21.5	oz/a	3-4 LEAF	86cd	49cd	56c
	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	3-4 LEAF			
9	Provisia	0.88	LB/GAL	EC	0.168	lb ai/a	24.5	oz/a	3-4 LEAF	97a	95a	90a
	No Mix Partner											
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
10	Provisia	0.88	LB/GAL	EC	0.168	lb ai/a	24.5	oz/a	3-4 LEAF	90bc	84b	68b
	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	3-4 LEAF			
LSD P=.05										4.6	6.4	6.8
Standard Deviation										3.2	4.4	4.7
CV										4.39	7.17	8.23
Replicate F										0.850	0.903	0.131
Replicate Prob(F)										0.4788	0.4526	0.9407
Treatment F										589.157	295.628	237.615
Treatment Prob(F)										0.0001	0.0001	0.0001

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Increasing Provisia Rates in RiceBeaux Mixtures

Trial ID:C16-15 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-15 Investigator:Eric P. Webster

Pest Code									ECHCG	ECHCG	ECHCG
Rating Date									Jun-24-2016	Jul-6-2016	Jul-18-2016
Rating Type									CONTROL	CONTROL	CONTROL
Rating Unit									%	%	%
Trt-Eval Interval									18 DAT	30 DAT	42 DAT
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
1	No Provisia									0f	0d	0f
	No Mix Partner											
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
2	No Provisia									23e	43c	33e
	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	3-4 LEAF			
3	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	92a	94a	91a
	No Mix Partner											
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
4	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	63c	45c	65c
	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	3-4 LEAF			
5	Provisia	0.88	LB/GAL	EC	0.127	lb ai/a	18.5	oz/a	3-4 LEAF	95a	96a	91a
	No Mix Partner											
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
6	Provisia	0.88	LB/GAL	EC	0.127	lb ai/a	18.5	oz/a	3-4 LEAF	44d	48c	59d
	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	3-4 LEAF			
7	Provisia	0.88	LB/GAL	EC	0.148	lb ai/a	21.5	oz/a	3-4 LEAF	96a	94a	93a
	No Mix Partner											
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
8	Provisia	0.88	LB/GAL	EC	0.148	lb ai/a	21.5	oz/a	3-4 LEAF	66c	45c	68bc
	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	3-4 LEAF			
9	Provisia	0.88	LB/GAL	EC	0.168	lb ai/a	24.5	oz/a	3-4 LEAF	96a	93a	90a
	No Mix Partner											
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
10	Provisia	0.88	LB/GAL	EC	0.168	lb ai/a	24.5	oz/a	3-4 LEAF	79b	69b	73b
	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	3-4 LEAF			
LSD P=.05										7.4	11.1	5.6
Standard Deviation										5.1	7.6	3.9
CV										7.85	12.22	5.89
Replicate F										0.975	0.940	1.031
Replicate Prob(F)										0.4189	0.4352	0.3947
Treatment F										173.053	69.707	238.301
Treatment Prob(F)										0.0001	0.0001	0.0001

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Increasing Provisia Rates in RiceBeaux Mixtures

Trial ID:C16-15 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-15 Investigator:Eric P. Webster

Pest Code										LEFPA	LEFPA	RICE
Rating Date										Jul-6-2016	Jul-18-2016	Jun-24-2016
Rating Type										CONTROL	CONTROL	INJURY
Rating Unit										%	%	%
Trt-Eval Interval										30 DAT	42 DAT	18 DAT
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
1	No Provisia									0f	0e	0a
	No Mix Partner											
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
2	No Provisia									58e	60d	0a
	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	3-4 LEAF			
3	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	91ab	94a	0a
	No Mix Partner											
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
4	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	76d	80c	0a
	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	3-4 LEAF			
5	Provisia	0.88	LB/GAL	EC	0.127	lb ai/a	18.5	oz/a	3-4 LEAF	95a	94a	0a
	No Mix Partner											
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
6	Provisia	0.88	LB/GAL	EC	0.127	lb ai/a	18.5	oz/a	3-4 LEAF	79cd	79c	0a
	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	3-4 LEAF			
7	Provisia	0.88	LB/GAL	EC	0.148	lb ai/a	21.5	oz/a	3-4 LEAF	94a	95a	0a
	No Mix Partner											
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
8	Provisia	0.88	LB/GAL	EC	0.148	lb ai/a	21.5	oz/a	3-4 LEAF	76d	80c	0a
	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	3-4 LEAF			
9	Provisia	0.88	LB/GAL	EC	0.168	lb ai/a	24.5	oz/a	3-4 LEAF	93ab	94a	0a
	No Mix Partner											
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
10	Provisia	0.88	LB/GAL	EC	0.168	lb ai/a	24.5	oz/a	3-4 LEAF	85bc	85b	0a
	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	3-4 LEAF			
LSD P=.05										8.2	4.9	.
Standard Deviation										5.6	3.3	0.0
CV										7.55	4.41	0.0
Replicate F										0.217	0.158	0.000
Replicate Prob(F)										0.8835	0.9239	1.0000
Treatment F										103.011	294.945	0.000
Treatment Prob(F)										0.0001	0.0001	1.0000

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Increasing Provisia Rates in RiceBeaux Mixtures

Trial ID:C16-15 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-15 Investigator:Eric P. Webster

Pest Code									RICE	RICE	RICE
Rating Date									Jul-6-2016	Jul-18-2016	Sep-15-2016
Rating Type									INJURY	INJURY	HEIGHT
Rating Unit									%	%	cm
Trt-Eval Interval									30 DAT	42 DAT	At Harvest
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
1	No Provisia									0a	0a	92ef
	No Mix Partner											
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
2	No Provisia									0a	0a	100a-d
	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	3-4 LEAF			
3	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	0a	0a	88f
	No Mix Partner											
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
4	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	0a	0a	94b-f
	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	3-4 LEAF			
5	Provisia	0.88	LB/GAL	EC	0.127	lb ai/a	18.5	oz/a	3-4 LEAF	0a	0a	93def
	No Mix Partner											
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
6	Provisia	0.88	LB/GAL	EC	0.127	lb ai/a	18.5	oz/a	3-4 LEAF	0a	0a	101ab
	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	3-4 LEAF			
7	Provisia	0.88	LB/GAL	EC	0.148	lb ai/a	21.5	oz/a	3-4 LEAF	0a	0a	96a-e
	No Mix Partner											
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
8	Provisia	0.88	LB/GAL	EC	0.148	lb ai/a	21.5	oz/a	3-4 LEAF	0a	0a	100abc
	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	3-4 LEAF			
9	Provisia	0.88	LB/GAL	EC	0.168	lb ai/a	24.5	oz/a	3-4 LEAF	0a	0a	94c-f
	No Mix Partner											
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
10	Provisia	0.88	LB/GAL	EC	0.168	lb ai/a	24.5	oz/a	3-4 LEAF	0a	0a	102a
	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	3-4 LEAF			
LSD P=.05										.	.	7.2
Standard Deviation										0.0	0.0	5.0
CV										0.0	0.0	5.21
Replicate F										0.000	0.000	1.927
Replicate Prob(F)										1.0000	1.0000	0.1490
Treatment F										0.000	0.000	3.291
Treatment Prob(F)										1.0000	1.0000	0.0078

LSU AgCenter SPESS

Increasing Provisia Rates in RiceBeaux Mixtures

Trial ID:C16-15 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-15 Investigator:Eric P. Webster

Pest Code									RICE	RICE	RICE
Rating Date									Sep-15-2016	Sep-15-2016	Sep-15-2016
Rating Type									HEIGHT	HEIGHT	HEIGHT
Rating Unit									cm	cm	cm
Trt-Eval Interval									At Harvest	At Harvest	At Harvest
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
1	No Provisia									89d	87d	91cd
	No Mix Partner											
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
2	No Provisia									98abc	94bc	91cd
	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	3-4 LEAF			
3	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	91cd	91cd	88d
	No Mix Partner											
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
4	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	97abc	97ab	96bc
	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	3-4 LEAF			
5	Provisia	0.88	LB/GAL	EC	0.127	lb ai/a	18.5	oz/a	3-4 LEAF	93bcd	92bc	92cd
	No Mix Partner											
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
6	Provisia	0.88	LB/GAL	EC	0.127	lb ai/a	18.5	oz/a	3-4 LEAF	96abc	97ab	96bc
	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	3-4 LEAF			
7	Provisia	0.88	LB/GAL	EC	0.148	lb ai/a	21.5	oz/a	3-4 LEAF	91cd	94bc	92cd
	No Mix Partner											
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
8	Provisia	0.88	LB/GAL	EC	0.148	lb ai/a	21.5	oz/a	3-4 LEAF	98ab	101a	102ab
	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	3-4 LEAF			
9	Provisia	0.88	LB/GAL	EC	0.168	lb ai/a	24.5	oz/a	3-4 LEAF	95a-d	91cd	94cd
	No Mix Partner											
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
10	Provisia	0.88	LB/GAL	EC	0.168	lb ai/a	24.5	oz/a	3-4 LEAF	100a	101a	104a
	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	3-4 LEAF			
LSD P=.05										7.0	5.2	7.4
Standard Deviation										4.9	3.6	5.1
CV										5.12	3.82	5.38
Replicate F										3.169	4.866	2.192
Replicate Prob(F)										0.0404	0.0078	0.1121
Treatment F										2.335	6.195	3.920
Treatment Prob(F)										0.0428	0.0001	0.0028

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Increasing Provisia Rates in RiceBeaux Mixtures

Trial ID:C16-15 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-15 Investigator:Eric P. Webster

Pest Code									RICE
Rating Date									Sep-15-2016
Rating Type									AVG HEIGHT
Rating Unit									cm
Trt-Eval Interval									At Harvest
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	
1	No Provisia									90d
	No Mix Partner									
	Agri-dex	100%		L	1%	v/v			3-4 LEAF	
2	No Provisia									96bc
	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	3-4 LEAF	
3	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	89d
	No Mix Partner									
	Agri-dex	100%		L	1%	v/v			3-4 LEAF	
4	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	96bc
	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	3-4 LEAF	
5	Provisia	0.88	LB/GAL	EC	0.127	lb ai/a	18.5	oz/a	3-4 LEAF	93cd
	No Mix Partner									
	Agri-dex	100%		L	1%	v/v			3-4 LEAF	
6	Provisia	0.88	LB/GAL	EC	0.127	lb ai/a	18.5	oz/a	3-4 LEAF	98abc
	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	3-4 LEAF	
7	Provisia	0.88	LB/GAL	EC	0.148	lb ai/a	21.5	oz/a	3-4 LEAF	93cd
	No Mix Partner									
	Agri-dex	100%		L	1%	v/v			3-4 LEAF	
8	Provisia	0.88	LB/GAL	EC	0.148	lb ai/a	21.5	oz/a	3-4 LEAF	100ab
	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	3-4 LEAF	
9	Provisia	0.88	LB/GAL	EC	0.168	lb ai/a	24.5	oz/a	3-4 LEAF	93cd
	No Mix Partner									
	Agri-dex	100%		L	1%	v/v			3-4 LEAF	
10	Provisia	0.88	LB/GAL	EC	0.168	lb ai/a	24.5	oz/a	3-4 LEAF	102a
	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	3-4 LEAF	
LSD P=.05										5.5
Standard Deviation										3.8
CV										3.97
Replicate F										3.909
Replicate Prob(F)										0.0193
Treatment F										4.743
Treatment Prob(F)										0.0008

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Provisia + Halomax and Halomax Plus Mixtures

Experiment number ..... : **C16-16**
Location ..... : RRS-Crowley, LA
Experimental design ..... : RCB
Number of reps ..... : 4
Plot size ..... : 5'x17'
Row width/# per plot ..... : 7.5"/8
Soil type ..... : Crowley silt loam (3% sand, 69% silt, 28% clay)
% OM ..... : 1.4
pH ..... : 6.4
CEC ..... : 19.1
Crop/Variety ..... : Provisia
Planting date ..... : 5/10/16
Emergence date ..... : 5/22/16
Harvest date ..... : NA

Application type ..... : 3-4 LEAF
Date applied [mm/dd/yy] ..... : 6/6/16
Time [hh:mm-hh:mm] ..... : 12:45-1:05p
Air/Soil temperature [F] ..... : 85/83
Relative humidity [%] ..... : 65%
Wind [mph, direction] ..... : 3-7, NNE
Weather [sunny, etc] ..... : sunny
Soil/Leaf surface moist ..... : wet/dry
Crop stage/Height ..... : 3-4lf/6-8"
Sprayer type/MPH ..... : BKPK/3.0
Nozzle type/Size* ..... : FF/110015
Boom ht/# Noz/Spacing ..... : 15/5/15
GPA/PSI ..... : 15/21
Applied by ..... : BMM

Weed Species (population) ..... :- (height/#leaves) -
CYPIR(100-125m^{-2}) ..... : 1-3"/3-6lf
ECHCG(20-30m^{-2}) ..... : 3-4"/2-5lf
LEFPA(5-10m^{-2}) ..... : 1-10"/2-7lf
CNPPA(5-10m^{-2}) ..... : 2-4"/cot-2lf
ECLAL(40-80m^{-2}) ..... : 2-4"/2-6lf
CYPES(5-7m^{-2}) ..... : 2-4"/3-6lf
SEBEX(10-20m^{-2}) ..... : 4-8"/3-5lf
CL111(3-5m^{-2}) ..... : 2-4"/2-3lf
CLXL745(3-5m^{-2}) ..... : 2-4"/2-3lf
ORYSA(3-5m^{-2}) ..... : 2-4"/2-3lf

Flush Dates ..... : 5/12/16
Permanent Flood ..... : 6/16/16

*AMFF – Air mix flat fan nozzles

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Provisia + Halomax and Halomax Plus Mixtures

Trial ID:C16-16 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-16 Investigator:Eric P. Webster

Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	CL111 Jun-22-2016 CONTROL % 16 DAT	CL111 Jul-6-2016 CONTROL % 30 DAT	CL111 Jul-18-2016 CONTROL % 42 DAT
1	No Provisia									0c	0c	0c
	No Halomax											
2	No Provisia									0c	0c	0c
	Halomax	75%		WG	0.047	lb ai/a	1oz/a		3-4 LEAF			
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
3	No Provisia									0c	0c	0c
	Halomax	75%		WG	0.031	lb ai/a	0.66oz/a		3-4 LEAF			
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
4	No Provisia									0c	0c	0c
	Halomax	75%		WG	0.0155	lb ai/a	0.33oz/a		3-4 LEAF			
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
5	No Provisia									0c	0c	0c
	Halomax Plus	74%		WG	0.0463	lb ai/a	1oz/a		3-4 LEAF			
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
6	No Provisia									0c	0c	0c
	Halomax Plus	74%		WG	0.0305	lb ai/a	0.66oz/a		3-4 LEAF			
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
7	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5oz/a		3-4 LEAF	96a	99a	95b
	No Halomax											
8	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5oz/a		3-4 LEAF	93ab	95b	97ab
	Halomax	75%		WG	0.047	lb ai/a	1oz/a		3-4 LEAF			
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
9	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5oz/a		3-4 LEAF	92ab	98ab	98a
	Halomax	75%		WG	0.031	lb ai/a	0.66oz/a		3-4 LEAF			
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
10	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5oz/a		3-4 LEAF	94a	97ab	98a
	Halomax	75%		WG	0.0155	lb ai/a	0.33oz/a		3-4 LEAF			
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
11	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5oz/a		3-4 LEAF	93ab	94b	97ab
	Halomax Plus	74%		WG	0.0463	lb ai/a	1oz/a		3-4 LEAF			
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
12	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5oz/a		3-4 LEAF	89b	97ab	96ab
	Halomax Plus	74%		WG	0.0305	lb ai/a	0.66oz/a		3-4 LEAF			
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
LSD P=.05										4.5	3.6	2.3
Standard Deviation										3.1	2.5	1.6
CV										6.79	5.25	3.31
Replicate F										5.736	3.875	1.461
Replicate Prob(F)										0.0028	0.0177	0.2429
Treatment F										947.433	1583.054	3991.101
Treatment Prob(F)										0.0001	0.0001	0.0001

Means followed by same letter or symbol do not significantly differ (P=.05, LSD)
Missing data estimates are included in columns:Average=28,29
Could not calculate LSD (% mean diff) for columns 27,28,29 because error mean square = 0.

LSU AgCenter SPESS

Provisia + Halomax and Halomax Plus Mixtures

Trial ID:C16-16 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-16 Investigator:Eric P. Webster

Pest Code								CLXL745	CLXL745	CLXL745
Rating Date								Jun-22-2016	Jul-6-2016	Jul-18-2016
Rating Type								CONTROL	CONTROL	CONTROL
Rating Unit								%	%	%
Trt-Eval Interval								16 DAT	30 DAT	42 DAT
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
1	No Provisia									0b	0c	0b
	No Halomax											
2	No Provisia									0b	0c	0b
	Halomax	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
3	No Provisia									0b	0c	0b
	Halomax	75%		WG	0.031	lb ai/a	0.66	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
4	No Provisia									0b	0c	0b
	Halomax	75%		WG	0.0155	lb ai/a	0.33	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
5	No Provisia									0b	0c	0b
	Halomax Plus	74%		WG	0.0463	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
6	No Provisia									0b	0c	0b
	Halomax Plus	74%		WG	0.0305	lb ai/a	0.66	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
7	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	94a	99a	97a
	No Halomax											
8	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	92a	97ab	98a
	Halomax	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
9	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	92a	96ab	97a
	Halomax	75%		WG	0.031	lb ai/a	0.66	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
10	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	92a	94b	98a
	Halomax	75%		WG	0.0155	lb ai/a	0.33	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
11	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	93a	97ab	98a
	Halomax Plus	74%		WG	0.0463	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
12	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	90a	97ab	97a
	Halomax Plus	74%		WG	0.0305	lb ai/a	0.66	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
LSD P=.05										4.5	3.5	1.8
Standard Deviation										3.2	2.4	1.3
CV										6.83	5.05	2.61
Replicate F										6.007	5.681	1.500
Replicate Prob(F)										0.0022	0.0030	0.2327
Treatment F										934.612	1709.378	6416.416
Treatment Prob(F)										0.0001	0.0001	0.0001

LSU AgCenter SPESS

Provisia + Halomax and Halomax Plus Mixtures

Trial ID:C16-16 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-16 Investigator:Eric P. Webster

Pest Code								ORYSA	ORYSA	ECHCG
Rating Date								Jun-22-2016	Jul-18-2016	Jun-22-2016
Rating Type								CONTROL	CONTROL	CONTROL
Rating Unit								%	%	%
Trt-Eval Interval								16 DAT	42 DAT	16 DAT
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
1	No Provisia									0c	0d	0c
	No Halomax											
2	No Provisia									0c	0d	0c
	Halomax	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
3	No Provisia									0c	0d	0c
	Halomax	75%		WG	0.031	lb ai/a	0.66	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
4	No Provisia									0c	0d	0c
	Halomax	75%		WG	0.0155	lb ai/a	0.33	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
5	No Provisia									0c	0d	0c
	Halomax Plus	74%		WG	0.0463	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
6	No Provisia									0c	0d	0c
	Halomax Plus	74%		WG	0.0305	lb ai/a	0.66	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
7	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	96a	99bc	95a
	No Halomax											
8	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	94ab	99bc	92ab
	Halomax	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
9	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	94ab	99ab	92ab
	Halomax	75%		WG	0.031	lb ai/a	0.66	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
10	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	94ab	99a	89b
	Halomax	75%		WG	0.0155	lb ai/a	0.33	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
11	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	96a	99a	93ab
	Halomax Plus	74%		WG	0.0463	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
12	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	91b	98c	89b
	Halomax Plus	74%		WG	0.0305	lb ai/a	0.66	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
LSD P=.05										3.9	0.5	5.0
Standard Deviation										2.7	0.3	3.5
CV										5.81	0.64	7.57
Replicate F										5.327	0.550	3.667
Replicate Prob(F)										0.0042	0.6517	0.0220
Treatment F										1292.132	105140.861	762.247
Treatment Prob(F)										0.0001	0.0001	0.0001

LSU AgCenter SPESS

Provisia + Halomax and Halomax Plus Mixtures

Trial ID:C16-16 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-16 Investigator:Eric P. Webster

Pest Code									ECHCG	ECHCG	CYPES
Rating Date									Jul-6-2016	Jul-18-2016	Jun-22-2016
Rating Type									CONTROL	CONTROL	CONTROL
Rating Unit									%	%	%
Trt-Eval Interval									30 DAT	42 DAT	16 DAT
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
1	No Provisia									0d	0d	0e
	No Halomax											
2	No Provisia									0d	0d	79d
	Halomax	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
3	No Provisia									0d	0d	87bc
	Halomax	75%		WG	0.031	lb ai/a	0.66	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
4	No Provisia									0d	0d	84cd
	Halomax	75%		WG	0.0155	lb ai/a	0.33	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
5	No Provisia									0d	0d	87bc
	Halomax Plus	74%		WG	0.0463	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
6	No Provisia									0d	0d	92ab
	Halomax Plus	74%		WG	0.0305	lb ai/a	0.66	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
7	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	99a	98ab	0e
	No Halomax											
8	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	97ab	98a	94a
	Halomax	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
9	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	99a	98a	95a
	Halomax	75%		WG	0.031	lb ai/a	0.66	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
10	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	98ab	98a	92ab
	Halomax	75%		WG	0.0155	lb ai/a	0.33	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
11	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	97b	96c	95a
	Halomax Plus	74%		WG	0.0463	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
12	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	95c	97bc	92ab
	Halomax Plus	74%		WG	0.0305	lb ai/a	0.66	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
LSD P=.05										1.4	1.3	5.9
Standard Deviation										0.9	0.9	4.1
CV										1.93	1.83	5.45
Replicate F										1.292	2.576	0.266
Replicate Prob(F)										0.2934	0.0705	0.8492
Treatment F										11710.291	12998.337	299.509
Treatment Prob(F)										0.0001	0.0001	0.0001

LSU AgCenter SPESS

Provisia + Halomax and Halomax Plus Mixtures

Trial ID:C16-16 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-16 Investigator:Eric P. Webster

Pest Code									CYPES	CYPES	CYPIR
Rating Date									Jul-6-2016	Jul-18-2016	Jun-22-2016
Rating Type									CONTROL	CONTROL	CONTROL
Rating Unit									%	%	%
Trt-Eval Interval									30 DAT	42 DAT	16 DAT
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
1	No Provisia									0b	0c	0f
	No Halomax											
2	No Provisia									98a	97ab	78e
	Halomax	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
3	No Provisia									97a	96ab	84d
	Halomax	75%		WG	0.031	lb ai/a	0.66	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
4	No Provisia									97a	95b	91abc
	Halomax	75%		WG	0.0155	lb ai/a	0.33	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
5	No Provisia									97a	97a	88cd
	Halomax Plus	74%		WG	0.0463	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
6	No Provisia									98a	96ab	88bcd
	Halomax Plus	74%		WG	0.0305	lb ai/a	0.66	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
7	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	0b	0c	0f
	No Halomax											
8	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	98a	98a	93ab
	Halomax	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
9	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	99a	96ab	94a
	Halomax	75%		WG	0.031	lb ai/a	0.66	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
10	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	98a	97a	91abc
	Halomax	75%		WG	0.0155	lb ai/a	0.33	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
11	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	96a	97a	94a
	Halomax Plus	74%		WG	0.0463	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
12	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	98a	98a	90abc
	Halomax Plus	74%		WG	0.0305	lb ai/a	0.66	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
LSD P=.05										2.4	2.4	5.0
Standard Deviation										1.7	1.7	3.5
CV										2.07	2.06	4.71
Replicate F										0.737	1.898	0.238
Replicate Prob(F)										0.5377	0.1491	0.8690
Treatment F										2043.453	2067.362	400.001
Treatment Prob(F)										0.0001	0.0001	0.0001

LSU AgCenter SPESS

Provisia + Halomax and Halomax Plus Mixtures

Trial ID:C16-16 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-16 Investigator:Eric P. Webster

Pest Code									CYPIR	CYPIR	SEBEX
Rating Date									Jul-6-2016	Jul-18-2016	Jun-22-2016
Rating Type									CONTROL	CONTROL	CONTROL
Rating Unit									%	%	%
Trt-Eval Interval									30 DAT	42 DAT	16 DAT
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
1	No Provisia									0c	0b	0b
	No Halomax											
2	No Provisia									98ab	98a	96a
	Halomax	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
3	No Provisia									98ab	96a	96a
	Halomax	75%		WG	0.031	lb ai/a	0.66	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
4	No Provisia									97b	97a	97a
	Halomax	75%		WG	0.0155	lb ai/a	0.33	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
5	No Provisia									98ab	97a	97a
	Halomax Plus	74%		WG	0.0463	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
6	No Provisia									99a	97a	97a
	Halomax Plus	74%		WG	0.0305	lb ai/a	0.66	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
7	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	0c	0b	0b
	No Halomax											
8	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	98ab	98a	97a
	Halomax	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
9	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	99a	97a	99a
	Halomax	75%		WG	0.031	lb ai/a	0.66	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
10	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	98ab	98a	97a
	Halomax	75%		WG	0.0155	lb ai/a	0.33	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
11	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	99a	98a	98a
	Halomax Plus	74%		WG	0.0463	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
12	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	98ab	98a	97a
	Halomax Plus	74%		WG	0.0305	lb ai/a	0.66	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
LSD P=.05										1.5	2.3	2.6
Standard Deviation										1.0	1.6	1.8
CV										1.27	1.95	2.27
Replicate F										1.523	0.970	0.486
Replicate Prob(F)										0.2267	0.4188	0.6945
Treatment F										5425.604	2300.766	1698.995
Treatment Prob(F)										0.0001	0.0001	0.0001

LSU AgCenter SPESS

Provisia + Halomax and Halomax Plus Mixtures

Trial ID:C16-16 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-16 Investigator:Eric P. Webster

Pest Code								SEBEX	SEBEX	LEFPA
Rating Date								Jul-6-2016	Jul-18-2016	Jul-6-2016
Rating Type								CONTROL	CONTROL	CONTROL
Rating Unit								%	%	%
Trt-Eval Interval								30 DAT	42 DAT	30 DAT
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
1	No Provisia									0c	0c	0c
	No Halomax											
2	No Provisia									98ab	99ab	0c
	Halomax	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
3	No Provisia									98ab	98ab	0c
	Halomax	75%		WG	0.031	lb ai/a	0.66	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
4	No Provisia									98ab	99ab	0c
	Halomax	75%		WG	0.0155	lb ai/a	0.33	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
5	No Provisia									98ab	99a	0c
	Halomax Plus	74%		WG	0.0463	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
6	No Provisia									99a	99a	0c
	Halomax Plus	74%		WG	0.0305	lb ai/a	0.66	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
7	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	0c	0c	99a
	No Halomax											
8	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	99a	99a	98a
	Halomax	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
9	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	94b	96ab	99a
	Halomax	75%		WG	0.031	lb ai/a	0.66	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
10	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	99a	96ab	98a
	Halomax	75%		WG	0.0155	lb ai/a	0.33	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
11	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	96ab	99ab	98a
	Halomax Plus	74%		WG	0.0463	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
12	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	96ab	92b	95b
	Halomax Plus	74%		WG	0.0305	lb ai/a	0.66	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
LSD P=.05										4.2	7.1	2.0
Standard Deviation										2.9	4.9	1.4
CV										3.63	6.07	2.83
Replicate F										0.224	0.469	1.087
Replicate Prob(F)										0.8791	0.7060	0.3681
Treatment F										661.408	237.794	5436.357
Treatment Prob(F)										0.0001	0.0001	0.0001

LSU AgCenter SPESS

Provisia + Halomax and Halomax Plus Mixtures

Trial ID:C16-16 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-16 Investigator:Eric P. Webster

Pest Code								LEFPA	CNPPA	CNPPA
Rating Date								Jul-18-2016	Jul-6-2016	Jul-18-2016
Rating Type								CONTROL	CONTROL	CONTROL
Rating Unit								%	%	%
Trt-Eval Interval								42 DAT	30 DAT	42 DAT
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
1	No Provisia									0c	0d	0d
	No Halomax											
2	No Provisia									0c	97a	98ab
	Halomax	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
3	No Provisia									0c	97a	89bc
	Halomax	75%		WG	0.031	lb ai/a	0.66	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
4	No Provisia									0c	98a	95ab
	Halomax	75%		WG	0.0155	lb ai/a	0.33	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
5	No Provisia									0c	98a	98ab
	Halomax Plus	74%		WG	0.0463	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
6	No Provisia									0c	98a	98a
	Halomax Plus	74%		WG	0.0305	lb ai/a	0.66	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
7	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	96b	0d	0d
	No Halomax											
8	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	97ab	79bc	80c
	Halomax	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
9	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	98a	81bc	89bc
	Halomax	75%		WG	0.031	lb ai/a	0.66	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
10	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	96b	89ab	88bc
	Halomax	75%		WG	0.0155	lb ai/a	0.33	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
11	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	97ab	88ab	94ab
	Halomax Plus	74%		WG	0.0463	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
12	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	97ab	77c	81c
	Halomax Plus	74%		WG	0.0305	lb ai/a	0.66	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
LSD P=.05										1.7	11.5	9.6
Standard Deviation										1.2	8.0	6.6
CV										2.43	10.66	8.77
Replicate F										0.418	0.413	0.737
Replicate Prob(F)										0.7414	0.7449	0.5377
Treatment F										7409.854	80.491	116.921
Treatment Prob(F)										0.0001	0.0001	0.0001

LSU AgCenter SPESS

Provisia + Halomax and Halomax Plus Mixtures

Trial ID:C16-16 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-16 Investigator:Eric P. Webster

Pest Code									ECLAL	ECLAL	RICE
Rating Date									Jul-6-2016	Jul-18-2016	Jun-22-2016
Rating Type									CONTROL	CONTROL	INJURY
Rating Unit									%	%	%
Trt-Eval Interval									30 DAT	42 DAT	16 DAT
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
1	No Provisia									0c	0c	0a
	No Halomax											
2	No Provisia									97a	98a	0a
	Halomax	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1	% v/v			3-4 LEAF			
3	No Provisia									97a	96a	0a
	Halomax	75%		WG	0.031	lb ai/a	0.66	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1	% v/v			3-4 LEAF			
4	No Provisia									98a	97a	0a
	Halomax	75%		WG	0.0155	lb ai/a	0.33	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1	% v/v			3-4 LEAF			
5	No Provisia									97a	98a	0a
	Halomax Plus	74%		WG	0.0463	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1	% v/v			3-4 LEAF			
6	No Provisia									98a	97a	0a
	Halomax Plus	74%		WG	0.0305	lb ai/a	0.66	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1	% v/v			3-4 LEAF			
7	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	0c	0c	0a
	No Halomax											
8	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	95a	96a	0a
	Halomax	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1	% v/v			3-4 LEAF			
9	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	97a	94ab	0a
	Halomax	75%		WG	0.031	lb ai/a	0.66	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1	% v/v			3-4 LEAF			
10	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	94ab	92b	0a
	Halomax	75%		WG	0.0155	lb ai/a	0.33	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1	% v/v			3-4 LEAF			
11	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	97a	98a	0a
	Halomax Plus	74%		WG	0.0463	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1	% v/v			3-4 LEAF			
12	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	91b	97a	0a
	Halomax Plus	74%		WG	0.0305	lb ai/a	0.66	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1	% v/v			3-4 LEAF			
LSD P=.05										4.1	3.9	.
Standard Deviation										2.8	2.7	0.0
CV										3.56	3.36	0.0
Replicate F										1.492	1.109	0.000
Replicate Prob(F)										0.2346	0.3594	1.0000
Treatment F										689.685	775.840	0.000
Treatment Prob(F)										0.0001	0.0001	1.0000

LSU AgCenter SPESS

Provisia + Halomax and Halomax Plus Mixtures

Trial ID:C16-16 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-16 Investigator:Eric P. Webster

Pest Code									RICE	RICE	RICE
Rating Date									Jul-6-2016	Jul-18-2016	Sep-15-2016
Rating Type									INJURY	INJURY	HEIGHT
Rating Unit									%	%	cm
Trt-Eval Interval									30 DAT	42 DAT	At Harvest
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
1	No Provisia									0a	0a	79d
	No Halomax											
2	No Provisia									0a	0a	79d
	Halomax	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
3	No Provisia									0a	0a	78d
	Halomax	75%		WG	0.031	lb ai/a	0.66	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
4	No Provisia									0a	0a	78d
	Halomax	75%		WG	0.0155	lb ai/a	0.33	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
5	No Provisia									0a	0a	80d
	Halomax Plus	74%		WG	0.0463	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
6	No Provisia									0a	0a	84d
	Halomax Plus	74%		WG	0.0305	lb ai/a	0.66	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
7	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	0a	0a	95c
	No Halomax											
8	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	0a	0a	107a
	Halomax	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
9	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	0a	0a	100bc
	Halomax	75%		WG	0.031	lb ai/a	0.66	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
10	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	0a	0a	102ab
	Halomax	75%		WG	0.0155	lb ai/a	0.33	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
11	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	0a	0a	102ab
	Halomax Plus	74%		WG	0.0463	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
12	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	0a	0a	102ab
	Halomax Plus	74%		WG	0.0305	lb ai/a	0.66	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
LSD P=.05										.	.	6.9
Standard Deviation										0.0	0.0	4.8
CV										0.0	0.0	5.33
Replicate F										0.000	0.000	5.593
Replicate Prob(F)										1.0000	1.0000	0.0032
Treatment F										0.000	0.000	23.867
Treatment Prob(F)										1.0000	1.0000	0.0001

LSU AgCenter SPESS

Provisia + Halomax and Halomax Plus Mixtures

Trial ID:C16-16 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-16 Investigator:Eric P. Webster

Pest Code									RICE	RICE	RICE
Rating Date									Sep-15-2016	Sep-15-2016	Sep-15-2016
Rating Type									HEIGHT	HEIGHT	HEIGHT
Rating Unit									cm	cm	cm
Trt-Eval Interval									At Harvest	At Harvest	At Harvest
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
1	No Provisia									82de	84cd	79c
	No Halomax											
2	No Provisia									86cd	77d	76c
	Halomax	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
3	No Provisia									79de	81d	81c
	Halomax	75%		WG	0.031	lb ai/a	0.66	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
4	No Provisia									75e	77d	75c
	Halomax	75%		WG	0.0155	lb ai/a	0.33	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
5	No Provisia									80de	77d	85bc
	Halomax Plus	74%		WG	0.0463	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
6	No Provisia									81de	82d	85bc
	Halomax Plus	74%		WG	0.0305	lb ai/a	0.66	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
7	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	94bc	92bc	108a
	No Halomax											
8	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	101ab	104a	108a
	Halomax	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
9	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	98ab	102a	103a
	Halomax	75%		WG	0.031	lb ai/a	0.66	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
10	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	103a	102a	99ab
	Halomax	75%		WG	0.0155	lb ai/a	0.33	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
11	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	103a	102a	102a
	Halomax Plus	74%		WG	0.0463	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
12	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	100ab	100ab	101ab
	Halomax Plus	74%		WG	0.0305	lb ai/a	0.66	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
LSD P=.05										8.8	8.4	16.4
Standard Deviation										6.1	5.8	11.4
CV										6.76	6.48	12.45
Replicate F										1.648	2.043	2.037
Replicate Prob(F)										0.1972	0.1269	0.1278
Treatment F										12.161	15.075	4.959
Treatment Prob(F)										0.0001	0.0001	0.0002

LSU AgCenter SPESS

Provisia + Halomax and Halomax Plus Mixtures

Trial ID:C16-16 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-16 Investigator:Eric P. Webster

Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	RICE
	Pest Code									RICE
	Rating Date									Sep-15-2016
	Rating Type									AVG HEIGHT
	Rating Unit									cm
	Trt-Eval Interval									At Harvest
1	No Provisia									81c
	No Halomax									
2	No Provisia									79c
	Halomax	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF	
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF	
3	No Provisia									80c
	Halomax	75%		WG	0.031	lb ai/a	0.66	oz/a	3-4 LEAF	
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF	
4	No Provisia									76c
	Halomax	75%		WG	0.0155	lb ai/a	0.33	oz/a	3-4 LEAF	
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF	
5	No Provisia									81c
	Halomax Plus	74%		WG	0.0463	lb ai/a	1	oz/a	3-4 LEAF	
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF	
6	No Provisia									83c
	Halomax Plus	74%		WG	0.0305	lb ai/a	0.66	oz/a	3-4 LEAF	
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF	
7	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	97b
	No Halomax									
8	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	105a
	Halomax	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF	
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF	
9	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	100ab
	Halomax	75%		WG	0.031	lb ai/a	0.66	oz/a	3-4 LEAF	
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF	
10	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	101ab
	Halomax	75%		WG	0.0155	lb ai/a	0.33	oz/a	3-4 LEAF	
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF	
11	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	102ab
	Halomax Plus	74%		WG	0.0463	lb ai/a	1	oz/a	3-4 LEAF	
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF	
12	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	101ab
	Halomax Plus	74%		WG	0.0305	lb ai/a	0.66	oz/a	3-4 LEAF	
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF	
	LSD P=.05									7.4
	Standard Deviation									5.2
	CV									5.72
	Replicate F									3.935
	Replicate Prob(F)									0.0166
	Treatment F									19.066
	Treatment Prob(F)									0.0001

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School of Plant, Environmental and Soil Sciences

Provisia + Permit and Permit Plus Mixtures

Experiment number .....: **C16-17**
Location.....: RRS-Crowley, LA
Experimental design.....: RCB
Number of reps.....: 4
Plot size.....: 5'x17'
Row width/# per plot.....: 7.5"/8
Soil type .....: Crowley silt loam (3% sand, 69% silt, 28% clay)
% OM .....: 1.4
pH .....: 6.4
CEC.....: 19.1
Crop/Variety .....: Provisia
Planting date .....: 5/10/16
Emergence date .....: 5/22/16
Harvest date.....: NA

Application type .....: 3-4 LEAF
Date applied [mm/dd/yy].....: 6/6/16
Time [hh:mm-hh:mm] .....: 10:36-10:57a
Air/Soil temperature [F].....: 83/83
Relative humidity [%].....: 80%
Wind [mph, direction].....: 2-4, N
Weather [sunny, etc].....: sunny
Soil/Leaf surface moist .....: wet/dry
Crop stage/Height.....: 3-4lf/4-6"
Sprayer type/MPH .....: BKPK/3.0
Nozzle type/Size* .....: FF/110015
Boom ht/# Noz/Spacing.....: 15/5/15
GPA/PSI.....: 15/21
Applied by.....: SYR

Weed Species (population)..:- (height/#leaves) -
CYPIR(100-125m^{-2}).....: 1-3"/3-6lf
ECHCG(20-30m^{-2}).....: 1-10"/2-7lf
CYPES(5-7m^{-2}).....: 2-4"/3-6lf
SEBEX(10-20m^{-2}).....: 4-8"/3-5lf
CL111(3-5m^{-2}) .....: 2-4"/2-3lf
CLXL745(3-5m^{-2}).....: 2-4"/2-3lf
ORYSA(3-5m^{-2}) .....: 2-4"/2-3lf

Flush Dates .....: 5/12/16
Permanent Flood.....: 6/16/16

*AMFF – Air mix flat fan nozzles

LSU AgCenter SPESS

Provisia + Permit and Permit Plus Mixtures

Trial ID:C16-17 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-17 Investigator:Eric P. Webster

Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	CL111	CL111	CLXL745
Pest Code										CL111	CL111	CLXL745
Rating Date										Jun-22-2016	Jul-18-2016	Jun-22-2016
Rating Type										CONTROL	CONTROL	CONTROL
Rating Unit										%	%	%
Trt-Eval Interval										16 DAT	42 DAT	16 DAT
1	No Provisia									0b	0d	0c
	No Permit											
2	No Provisia									0b	0d	0c
	Permit	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1	% v/v			3-4 LEAF			
3	No Provisia									0b	0d	0c
	Permit	75%		WG	0.031	lb ai/a	0.66	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1	% v/v			3-4 LEAF			
4	No Provisia									0b	0d	0c
	Permit	75%		WG	0.0155	lb ai/a	0.33	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1	% v/v			3-4 LEAF			
5	No Provisia									0b	0d	0c
	Permit Plus	74%		WG	0.0463	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1	% v/v			3-4 LEAF			
6	No Provisia									0b	0d	0c
	Permit Plus	74%		WG	0.0305	lb ai/a	0.66	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1	% v/v			3-4 LEAF			
7	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	97a	99a	96a
	No Permit											
8	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	95a	99a	92b
	Permit	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1	% v/v			3-4 LEAF			
9	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	96a	98ab	95ab
	Permit	75%		WG	0.031	lb ai/a	0.66	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1	% v/v			3-4 LEAF			
10	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	95a	97bc	95a
	Permit	75%		WG	0.0155	lb ai/a	0.33	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1	% v/v			3-4 LEAF			
11	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	96a	96c	96a
	Permit Plus	74%		WG	0.0463	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1	% v/v			3-4 LEAF			
12	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	96a	97abc	96a
	Permit Plus	74%		WG	0.0305	lb ai/a	0.66	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1	% v/v			3-4 LEAF			
LSD P=.05										2.6	1.4	2.9
Standard Deviation										1.8	1.0	2.0
CV										3.71	1.99	4.21
Replicate F										1.173	2.271	0.867
Replicate Prob(F)										0.3348	0.0986	0.4678
Treatment F										3165.429	11030.712	2458.388
Treatment Prob(F)										0.0001	0.0001	0.0001

Means followed by same letter or symbol do not significantly differ (P=.05, LSD)
Could not calculate LSD (% mean diff) for columns 15,16 because error mean square = 0.

LSU AgCenter SPESS

Provisia + Permit and Permit Plus Mixtures

Trial ID:C16-17 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-17 Investigator:Eric P. Webster

Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	CLXL745	ORYSA	ORYSA
Pest Code										CLXL745	ORYSA	ORYSA
Rating Date										Jul-18-2016	Jun-22-2016	Jul-18-2016
Rating Type										CONTROL	CONTROL	CONTROL
Rating Unit										%	%	%
Trt-Eval Interval										42 DAT	16 DAT	42 DAT
1	No Provisia									0b	0b	0b
	No Permit											
2	No Provisia									0b	0b	0b
	Permit	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
3	No Provisia									0b	0b	0b
	Permit	75%		WG	0.031	lb ai/a	0.66	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
4	No Provisia									0b	0b	0b
	Permit	75%		WG	0.0155	lb ai/a	0.33	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
5	No Provisia									0b	0b	0b
	Permit Plus	74%		WG	0.0463	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
6	No Provisia									0b	0b	0b
	Permit Plus	74%		WG	0.0305	lb ai/a	0.66	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
7	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	98a	96a	99a
	No Permit											
8	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	98a	95a	98a
	Permit	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
9	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	98a	96a	99a
	Permit	75%		WG	0.031	lb ai/a	0.66	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
10	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	98a	95a	99a
	Permit	75%		WG	0.0155	lb ai/a	0.33	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
11	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	98a	97a	99a
	Permit Plus	74%		WG	0.0463	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
12	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	98a	95a	99a
	Permit Plus	74%		WG	0.0305	lb ai/a	0.66	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
LSD P=.05										1.3	2.3	0.6
Standard Deviation										0.9	1.6	0.4
CV										1.84	3.37	0.82
Replicate F										1.468	1.182	0.344
Replicate Prob(F)										0.2410	0.3317	0.7938
Treatment F										12922.519	3848.010	65490.475
Treatment Prob(F)										0.0001	0.0001	0.0001

LSU AgCenter SPESS

Provisia + Permit and Permit Plus Mixtures

Trial ID:C16-17 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-17 Investigator:Eric P. Webster

Pest Code									ECHCG	ECHCG	CYPES
Rating Date									Jun-22-2016	Jul-18-2016	Jun-22-2016
Rating Type									CONTROL	CONTROL	CONTROL
Rating Unit									%	%	%
Trt-Eval Interval									16 DAT	42 DAT	16 DAT
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
1	No Provisia									0d	0d	0d
	No Permit											
2	No Provisia									0d	0d	89bc
	Permit	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1	% v/v			3-4 LEAF			
3	No Provisia									0d	0d	88c
	Permit	75%		WG	0.031	lb ai/a	0.66	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1	% v/v			3-4 LEAF			
4	No Provisia									0d	0d	92abc
	Permit	75%		WG	0.0155	lb ai/a	0.33	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1	% v/v			3-4 LEAF			
5	No Provisia									0d	0d	93ab
	Permit Plus	74%		WG	0.0463	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1	% v/v			3-4 LEAF			
6	No Provisia									0d	0d	93abc
	Permit Plus	74%		WG	0.0305	lb ai/a	0.66	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1	% v/v			3-4 LEAF			
7	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	96a	99a	0d
	No Permit											
8	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	93bc	98a	94ab
	Permit	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1	% v/v			3-4 LEAF			
9	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	96a	97c	95a
	Permit	75%		WG	0.031	lb ai/a	0.66	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1	% v/v			3-4 LEAF			
10	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	95ab	98abc	95a
	Permit	75%		WG	0.0155	lb ai/a	0.33	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1	% v/v			3-4 LEAF			
11	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	92c	97bc	95a
	Permit Plus	74%		WG	0.0463	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1	% v/v			3-4 LEAF			
12	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	94abc	98ab	94a
	Permit Plus	74%		WG	0.0305	lb ai/a	0.66	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1	% v/v			3-4 LEAF			
LSD P=.05										2.7	1.3	4.8
Standard Deviation										1.9	0.9	3.4
CV										3.95	1.85	4.34
Replicate F										1.048	2.364	0.713
Replicate Prob(F)										0.3843	0.0889	0.5512
Treatment F										2792.285	12816.833	464.476
Treatment Prob(F)										0.0001	0.0001	0.0001

LSU AgCenter SPESS

Provisia + Permit and Permit Plus Mixtures

Trial ID:C16-17 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-17 Investigator:Eric P. Webster

Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	CYPES	CYPIR	CYPIR
Pest Code										CYPES	CYPIR	CYPIR
Rating Date										Jul-18-2016	Jun-22-2016	Jul-18-2016
Rating Type										CONTROL	CONTROL	CONTROL
Rating Unit										%	%	%
Trt-Eval Interval										42 DAT	16 DAT	42 DAT
1	No Provisia									0c	0g	0c
	No Permit											
2	No Provisia									97ab	88ef	98ab
	Permit	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
3	No Provisia									98a	87f	97ab
	Permit	75%		WG	0.031	lb ai/a	0.66	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
4	No Provisia									97a	89def	98a
	Permit	75%		WG	0.0155	lb ai/a	0.33	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
5	No Provisia									98a	91c-f	98a
	Permit Plus	74%		WG	0.0463	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
6	No Provisia									97a	92b-e	97ab
	Permit Plus	74%		WG	0.0305	lb ai/a	0.66	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
7	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	0c	0g	0c
	No Permit											
8	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	97ab	93a-d	98a
	Permit	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
9	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	98a	95a	98a
	Permit	75%		WG	0.031	lb ai/a	0.66	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
10	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	95b	96a	96b
	Permit	75%		WG	0.0155	lb ai/a	0.33	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
11	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	98a	95ab	98a
	Permit Plus	74%		WG	0.0463	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
12	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	97ab	94abc	99a
	Permit Plus	74%		WG	0.0305	lb ai/a	0.66	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1%	v/v			3-4 LEAF			
LSD P=.05										1.9	3.7	1.7
Standard Deviation										1.3	2.6	1.2
CV										1.61	3.34	1.45
Replicate F										2.343	1.495	0.891
Replicate Prob(F)										0.0910	0.2339	0.4558
Treatment F										3375.902	787.846	4151.689
Treatment Prob(F)										0.0001	0.0001	0.0001

LSU AgCenter SPESS

Provisia + Permit and Permit Plus Mixtures

Trial ID:C16-17 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-17 Investigator:Eric P. Webster

Pest Code									SEBEX	SEBEX	RICE
Rating Date									Jun-22-2016	Jul-18-2016	Jun-22-2016
Rating Type									CONTROL	CONTROL	INJURY
Rating Unit									%	%	%
Trt-Eval Interval									16 DAT	42 DAT	16 DAT
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
1	No Provisia									0c	0c	0a
	No Permit											
2	No Provisia									95b	98ab	0a
	Permit	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1	% v/v			3-4 LEAF			
3	No Provisia									97ab	96ab	0a
	Permit	75%		WG	0.031	lb ai/a	0.66	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1	% v/v			3-4 LEAF			
4	No Provisia									95b	98ab	0a
	Permit	75%		WG	0.0155	lb ai/a	0.33	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1	% v/v			3-4 LEAF			
5	No Provisia									97ab	98ab	0a
	Permit Plus	74%		WG	0.0463	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1	% v/v			3-4 LEAF			
6	No Provisia									98a	99a	0a
	Permit Plus	74%		WG	0.0305	lb ai/a	0.66	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1	% v/v			3-4 LEAF			
7	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	0c	0c	0a
	No Permit											
8	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	99a	99a	0a
	Permit	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1	% v/v			3-4 LEAF			
9	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	97ab	99ab	0a
	Permit	75%		WG	0.031	lb ai/a	0.66	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1	% v/v			3-4 LEAF			
10	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	98a	99a	0a
	Permit	75%		WG	0.0155	lb ai/a	0.33	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1	% v/v			3-4 LEAF			
11	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	99a	96b	0a
	Permit Plus	74%		WG	0.0463	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1	% v/v			3-4 LEAF			
12	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	98a	99a	0a
	Permit Plus	74%		WG	0.0305	lb ai/a	0.66	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1	% v/v			3-4 LEAF			
LSD P=.05										2.6	2.9	.
Standard Deviation										1.8	2.0	0.0
CV										2.2	2.45	0.0
Replicate F										0.096	0.186	0.000
Replicate Prob(F)										0.9615	0.9053	1.0000
Treatment F										1806.897	1455.196	0.000
Treatment Prob(F)										0.0001	0.0001	1.0000

LSU AgCenter SPESS

Provisia + Permit and Permit Plus Mixtures

Trial ID:C16-17 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-17 Investigator:Eric P. Webster

Pest Code									RICE	RICE	RICE
Rating Date									Jul-18-2016	Sep-15-2016	Sep-15-2016
Rating Type									INJURY	HEIGHT	HEIGHT
Rating Unit									%	cm	cm
Trt-Eval Interval									42 DAT	At Harvest	At Harvest
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
1	No Provisia									0a	0c	0b
	No Permit											
2	No Provisia									0a	0c	0b
	Permit	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1	% v/v			3-4 LEAF			
3	No Provisia									0a	0c	0b
	Permit	75%		WG	0.031	lb ai/a	0.66	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1	% v/v			3-4 LEAF			
4	No Provisia									0a	0c	0b
	Permit	75%		WG	0.0155	lb ai/a	0.33	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1	% v/v			3-4 LEAF			
5	No Provisia									0a	0c	0b
	Permit Plus	74%		WG	0.0463	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1	% v/v			3-4 LEAF			
6	No Provisia									0a	0c	0b
	Permit Plus	74%		WG	0.0305	lb ai/a	0.66	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1	% v/v			3-4 LEAF			
7	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	0a	0c	0b
	No Permit											
8	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	0a	101ab	101a
	Permit	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1	% v/v			3-4 LEAF			
9	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	0a	100b	101a
	Permit	75%		WG	0.031	lb ai/a	0.66	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1	% v/v			3-4 LEAF			
10	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	0a	101ab	98a
	Permit	75%		WG	0.0155	lb ai/a	0.33	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1	% v/v			3-4 LEAF			
11	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	0a	104a	100a
	Permit Plus	74%		WG	0.0463	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1	% v/v			3-4 LEAF			
12	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	0a	100b	98a
	Permit Plus	74%		WG	0.0305	lb ai/a	0.66	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1	% v/v			3-4 LEAF			
LSD P=.05										.	3.9	3.4
Standard Deviation										0.0	2.7	2.4
CV										0.0	6.37	5.72
Replicate F										0.000	2.808	2.514
Replicate Prob(F)										1.0000	0.0547	0.0754
Treatment F										0.000	1507.192	1867.505
Treatment Prob(F)										1.0000	0.0001	0.0001

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Provisia + Permit and Permit Plus Mixtures

Trial ID:C16-17 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-17 Investigator:Eric P. Webster

Pest Code									RICE	RICE	RICE
Rating Date									Sep-15-2016	Sep-15-2016	Sep-15-2016
Rating Type									HEIGHT	HEIGHT	AVG HEIGHT
Rating Unit									cm	cm	cm
Trt-Eval Interval									At Harvest	At Harvest	At Harvest
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
1	No Provisia									0b	0b	0b
	No Permit											
2	No Provisia									0b	0b	0b
	Permit	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1	% v/v			3-4 LEAF			
3	No Provisia									0b	0b	0b
	Permit	75%		WG	0.031	lb ai/a	0.66	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1	% v/v			3-4 LEAF			
4	No Provisia									0b	0b	0b
	Permit	75%		WG	0.0155	lb ai/a	0.33	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1	% v/v			3-4 LEAF			
5	No Provisia									0b	0b	0b
	Permit Plus	74%		WG	0.0463	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1	% v/v			3-4 LEAF			
6	No Provisia									0b	0b	0b
	Permit Plus	74%		WG	0.0305	lb ai/a	0.66	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1	% v/v			3-4 LEAF			
7	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	0b	0b	0b
	No Permit											
8	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	102a	102a	101a
	Permit	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1	% v/v			3-4 LEAF			
9	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	101a	100a	100a
	Permit	75%		WG	0.031	lb ai/a	0.66	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1	% v/v			3-4 LEAF			
10	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	101a	100a	100a
	Permit	75%		WG	0.0155	lb ai/a	0.33	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1	% v/v			3-4 LEAF			
11	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	100a	103a	102a
	Permit Plus	74%		WG	0.0463	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1	% v/v			3-4 LEAF			
12	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF	97a	101a	99a
	Permit Plus	74%		WG	0.0305	lb ai/a	0.66	oz/a	3-4 LEAF			
	Agri-Dex	100%		L	1	% v/v			3-4 LEAF			
LSD P=.05										5.3	4.9	3.2
Standard Deviation										3.7	3.4	2.2
CV										8.76	8.05	5.28
Replicate F										1.301	1.867	3.290
Replicate Prob(F)										0.2905	0.1544	0.0326
Treatment F										796.270	943.517	2188.264
Treatment Prob(F)										0.0001	0.0001	0.0001

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Provisia + Prowl With and Without Agri-Dex

Experiment number .....: **C16-18**
Location.....: RRS-Crowley, LA
Experimental design .....: RCB
Number of reps.....: 4
Plot size.....: 5'x17'
Row width/# per plot .....: 7.5"/8
Soil type .....: Crowley silt loam (3% sand, 69% silt, 28% clay)
% OM .....: 1.4
pH .....: 6.4
CEC.....: 19.1
Crop/Variety .....: Provisia
Planting date .....: 5/10/16
Emergence date .....: 5/22/16
Harvest date .....: NA

Application type .....:	2-3 LEAF	**Overspray
Date applied [mm/dd/yy] .....:	6/6/16	6/9/16
Time [hh:mm-hh:mm] .....:	11:06-11:14a	12:00-1:00p
Air/Soil temperature [F].....:	83/83	88/86
Relative humidity [%] .....:	80%	52%
Wind [mph, direction].....:	2-4, N	2-5, NE
Weather [sunny, etc].....:	sunny	pt. cloudy
Soil/Leaf surface moist .....:	wet/dry	dry/dry
Crop stage/Height.....:	2-3lf/3-5"	3-4lf/4-8"
Sprayer type/MPH .....:	BKPK/3.0	BKPK/3.0
Nozzle type/Size* .....:	FF/110015	FF/110015
Boom ht/# Noz/Spacing .....:	15/5/15	15/5/15
GPA/PSI.....:	15/21	15/21
Applied by.....:	EPW	BMM

Weed Species (population)..:---------- (height/#leaves) ----------
ECHCG(10-20m^{-2}) .....: 2-6"/2-5lf
LEFPA(5-10m^{-2}) .....: 3-4"/3-5lf
CL111(3-5m^{-2}) .....: 2-4"/2-3lf
CLXL745(3-5m^{-2}).....: 2-4"/2-3lf
ORYSA(3-5m^{-2}) .....: 2-4"/2-3lf

Flush Dates .....: 5/12/16
Permanent Flood .....: 6/16/16

*AMFF – Air mix flat fan nozzles

** Oversprayed with Strado Pro @ 2.5oz/A + MSO @ 1 %v/v

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Provisia + Prowl With and Without Agri-Dex

Trial ID:C16-18 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-18 Investigator:Eric P. Webster

Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	CL111	CL111	CL111
	Pest Code									CL111	CL111	CL111
	Rating Date									Jun-22-2016	Jul-6-2016	Jul-18-2016
	Rating Type									CONTROL	CONTROL	CONTROL
	Rating Unit									%	%	%
	Trt-Eval Interval									16 DAT	30 DAT	42 DAT
1	No Provisia									0b	0b	0c
	No Mix Partner											
2	No Provisia									0b	0b	0c
	Prowl	3.3	LBA/GAL	EC	1	lb ai/a	38.8	fl oz/a	2-3 LEAF			
3	No Provisia									0b	0b	0c
	Prowl	3.3	LBA/GAL	EC	1	lb ai/a	38.8	fl oz/a	2-3 LEAF			
	Agri-dex	100%		L	1	% v/v			2-3 LEAF			
4	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	2-3 LEAF	85a	95a	89ab
	No Mix Partner											
5	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	2-3 LEAF	88a	93a	84b
	Prowl	3.3	LBA/GAL	EC	1	lb ai/a	38.8	fl oz/a	2-3 LEAF			
6	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	2-3 LEAF	89a	97a	95a
	Prowl	3.3	LBA/GAL	EC	1	lb ai/a	38.8	fl oz/a	2-3 LEAF			
	Agri-dex	100%		L	1	% v/v			2-3 LEAF			
	LSD P=.05									5.9	4.2	6.1
	Standard Deviation									3.9	2.8	4.0
	CV									8.91	5.83	9.07
	Replicate F									1.474	1.070	1.419
	Replicate Prob(F)									0.2615	0.3914	0.2763
	Treatment F									604.787	1414.457	586.512
	Treatment Prob(F)									0.0001	0.0001	0.0001

Means followed by same letter or symbol do not significantly differ (P=.05, LSD)
Could not calculate LSD (% mean diff) for columns 15,16,17 because error mean square = 0.

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Provisia + Prowl With and Without Agri-Dex

Trial ID:C16-18 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-18 Investigator:Eric P. Webster

Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	CLXL745	CLXL745	CLXL745
Rating Date										Jun-22-2016	Jul-6-2016	Jul-18-2016
Rating Type										CONTROL	CONTROL	CONTROL
Rating Unit										%	%	%
Trt-Eval Interval										16 DAT	30 DAT	42 DAT
1	No Provisia									0b	0b	0c
	No Mix Partner											
2	No Provisia									0b	0b	0c
	Prowl	3.3	LBA/GAL	EC	1	lb ai/a	38.8	fl oz/a	2-3 LEAF			
3	No Provisia									0b	0b	0c
	Prowl	3.3	LBA/GAL	EC	1	lb ai/a	38.8	fl oz/a	2-3 LEAF			
	Agri-dex	100%		L	1	% v/v			2-3 LEAF			
4	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	2-3 LEAF	86a	97a	88b
	No Mix Partner											
5	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	2-3 LEAF	89a	95a	84b
	Prowl	3.3	LBA/GAL	EC	1	lb ai/a	38.8	fl oz/a	2-3 LEAF			
6	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	2-3 LEAF	89a	97a	95a
	Prowl	3.3	LBA/GAL	EC	1	lb ai/a	38.8	fl oz/a	2-3 LEAF			
	Agri-dex	100%		L	1	% v/v			2-3 LEAF			
LSD P=.05										5.6	2.8	6.6
Standard Deviation										3.7	1.8	4.4
CV										8.51	3.81	9.93
Replicate F										2.620	0.792	1.370
Replicate Prob(F)										0.0890	0.5170	0.2901
Treatment F										663.374	3308.248	489.155
Treatment Prob(F)										0.0001	0.0001	0.0001

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Provisia + Prowl With and Without Agri-Dex

Trial ID:C16-18 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-18 Investigator:Eric P. Webster

Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	ORYSA Jun-22-2016 CONTROL % 16 DAT	ORYSA Jul-6-2016 CONTROL % 30 DAT	ORYSA Jul-18-2016 CONTROL % 42 DAT
1	No Provisia									0b	0b	0c
	No Mix Partner											
2	No Provisia									0b	0b	0c
	Prowl	3.3	LBA/GAL	EC	1	lb ai/a	38.8	fl oz/a	2-3 LEAF			
3	No Provisia									0b	0b	0c
	Prowl	3.3	LBA/GAL	EC	1	lb ai/a	38.8	fl oz/a	2-3 LEAF			
	Agri-dex	100%		L	1	% v/v			2-3 LEAF			
4	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	2-3 LEAF	89a	97a	88b
	No Mix Partner											
5	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	2-3 LEAF	90a	95a	85b
	Prowl	3.3	LBA/GAL	EC	1	lb ai/a	38.8	fl oz/a	2-3 LEAF			
6	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	2-3 LEAF	92a	97a	95a
	Prowl	3.3	LBA/GAL	EC	1	lb ai/a	38.8	fl oz/a	2-3 LEAF			
	Agri-dex	100%		L	1	% v/v			2-3 LEAF			
LSD P=.05										3.0	2.8	6.3
Standard Deviation										2.0	1.8	4.2
CV										4.42	3.81	9.45
Replicate F										3.049	0.792	1.621
Replicate Prob(F)										0.0612	0.5170	0.2265
Treatment F										2452.735	3308.248	540.087
Treatment Prob(F)										0.0001	0.0001	0.0001

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Provisia + Prowl With and Without Agri-Dex

Trial ID:C16-18 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-18 Investigator:Eric P. Webster

Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	ECHCG	ECHCG	ECHCG
	Rating Date									Jun-22-2016	Jul-6-2016	Jul-18-2016
	Rating Type									CONTROL	CONTROL	CONTROL
	Rating Unit									%	%	%
	Trt-Eval Interval									16 DAT	30 DAT	42 DAT
1	No Provisia									0d	0b	0d
	No Mix Partner											
2	No Provisia									14c	0b	0d
	Prowl	3.3	LBA/GAL	EC	1	lb ai/a	38.8	fl oz/a	2-3 LEAF			
3	No Provisia									21b	0b	0d
	Prowl	3.3	LBA/GAL	EC	1	lb ai/a	38.8	fl oz/a	2-3 LEAF			
	Agri-dex	100%		L	1	% v/v			2-3 LEAF			
4	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	2-3 LEAF	85a	94a	89c
	No Mix Partner											
5	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	2-3 LEAF	89a	95a	94b
	Prowl	3.3	LBA/GAL	EC	1	lb ai/a	38.8	fl oz/a	2-3 LEAF			
6	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	2-3 LEAF	89a	97a	97a
	Prowl	3.3	LBA/GAL	EC	1	lb ai/a	38.8	fl oz/a	2-3 LEAF			
	Agri-dex	100%		L	1	% v/v			2-3 LEAF			
	LSD P=.05									5.4	2.3	2.5
	Standard Deviation									3.6	1.5	1.6
	CV									7.27	3.17	3.55
	Replicate F									2.206	1.087	0.694
	Replicate Prob(F)									0.1297	0.3846	0.5700
	Treatment F									546.282	4763.188	3821.694
	Treatment Prob(F)									0.0001	0.0001	0.0001

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Provisia + Prowl With and Without Agri-Dex

Trial ID:C16-18 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-18 Investigator:Eric P. Webster

Pest Code									LEFPA	LEFPA	RICE
Rating Date									Jul-6-2016	Jul-18-2016	Jun-22-2016
Rating Type									CONTROL	CONTROL	INJURY
Rating Unit									%	%	%
Trt-Eval Interval									30 DAT	42 DAT	16 DAT
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
1	No Provisia									0c	0d	0a
	No Mix Partner											
2	No Provisia									28b	0d	0a
	Prowl	3.3	LBA/GAL	EC	1	lb ai/a	38.8	fl oz/a	2-3 LEAF			
3	No Provisia									25b	0d	0a
	Prowl	3.3	LBA/GAL	EC	1	lb ai/a	38.8	fl oz/a	2-3 LEAF			
	Agri-dex	100%		L	1	% v/v			2-3 LEAF			
4	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	2-3 LEAF	96a	93c	0a
	No Mix Partner											
5	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	2-3 LEAF	95a	96b	0a
	Prowl	3.3	LBA/GAL	EC	1	lb ai/a	38.8	fl oz/a	2-3 LEAF			
6	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	2-3 LEAF	97a	98a	0a
	Prowl	3.3	LBA/GAL	EC	1	lb ai/a	38.8	fl oz/a	2-3 LEAF			
	Agri-dex	100%		L	1	% v/v			2-3 LEAF			
LSD P=.05										5.0	2.1	.
Standard Deviation										3.3	1.4	0.0
CV										5.81	2.91	0.0
Replicate F										0.782	0.482	0.000
Replicate Prob(F)										0.5222	0.6997	1.0000
Treatment F										714.736	5665.438	0.000
Treatment Prob(F)										0.0001	0.0001	1.0000

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Provisia + Prowl With and Without Agri-Dex

Trial ID:C16-18 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-18 Investigator:Eric P. Webster

Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	RICE Jul-6-2016 INJURY % 30 DAT	RICE Jul-18-2016 INJURY % 42 DAT
1	No Provisia									0a	0a
	No Mix Partner										
2	No Provisia									0a	0a
	Prowl	3.3	LBA/GAL	EC	1	lb ai/a	38.8	fl oz/a	2-3 LEAF		
3	No Provisia									0a	0a
	Prowl	3.3	LBA/GAL	EC	1	lb ai/a	38.8	fl oz/a	2-3 LEAF		
	Agri-dex	100%		L	1	% v/v			2-3 LEAF		
4	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	2-3 LEAF	0a	0a
	No Mix Partner										
5	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	2-3 LEAF	0a	0a
	Prowl	3.3	LBA/GAL	EC	1	lb ai/a	38.8	fl oz/a	2-3 LEAF		
6	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	2-3 LEAF	0a	0a
	Prowl	3.3	LBA/GAL	EC	1	lb ai/a	38.8	fl oz/a	2-3 LEAF		
	Agri-dex	100%		L	1	% v/v			2-3 LEAF		
LSD P=.05										.	.
Standard Deviation										0.0	0.0
CV										0.0	0.0
Replicate F										0.000	0.000
Replicate Prob(F)										1.0000	1.0000
Treatment F										0.000	0.000
Treatment Prob(F)										1.0000	1.0000

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Provisia at Low Rates on Antagonized Weeds

Experiment number	**C16-19**
Location.....	RRS-Crowley, LA
Experimental design	RCB
Number of reps.....	4
Plot size.....	5'x17'
Row width/# per plot	7.5"/8
Soil type	Crowley silt loam (3% sand, 69% silt, 28% clay)
% OM	1.4
pH	6.4
CEC.....	19.1
Crop/Variety	Provisia
Planting date	5/10/16
Emergence date	5/22/16
Harvest date	NA

Application type	MPOST	POSTFLOOD
Date applied [mm/dd/yy]	6/6/16	6/20/16
Time [hh:mm-hh:mm]	12:25-12:35p	10:12-10:20a
Air/Soil temperature [F].....	85/83	85/86
Relative humidity [%]	65%	75%
Wind [mph, direction].....	3-8, NNE	2-4, NE
Weather [sunny, etc].....	sunny	sunny
Soil/Leaf surface moist	wet/dry	flood/dry
Crop stage/Height.....	3-4lf/6-8"	1-2till/10-14"
Sprayer type/MPH	BKPK/3.0	BKPK/3.0
Nozzle type/Size*	FF/110015	FF/110015
Boom ht/# Noz/Spacing	15/5/15	15/5/15
GPA/PSI.....	15/21	15/21
Applied by.....	EAB	SYR

Weed Species (population)..:	---------- (height/#leaves) ----------	
ORYSA(30-50m^{-2})	6-8"/3-4lf	10-14"/1-2til
CL111(3-5m^{-2})	6-8"/3-4lf	10-14"/1-2til
CLXL745(3-5m^{-2}).....	6-8"/3-4lf	10-14"/1-2til
ECHCG(15-50m^{-2}).....	6-8"/3-6lf	6-12"/3-4til

Flush Dates	5/12/16
Permanent Flood	6/16/16

*AMFF – Air mix flat fan nozzles

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Provisia at Low Rates on Antagonized Weeds

Trial ID:C16-19 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-19 Investigator:Eric P. Webster

Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	CL111	CL111	CL111	CLXL745
Pest Code										CL111	CL111	CL111	CLXL745
Rating Date										Jun-22-2016	Jul-6-2016	Jul-18-2016	Jun-22-2016
Rating Type										CONTROL	CONTROL	CONTROL	CONTROL
Rating Unit										%	%	%	%
Trt-Eval Interval										16 DA MPOST	16 DA POSTF	28 DA POSTF	16 DA MPOST
1	NONTREATED									0d	0d	0c	0b
2	Provisia	0.88	LB/GAL	EC	0.093	lb ai/a	13.5	oz/a	MPOST	79a	50ab	45b	75a
	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	MPOST				
3	Provisia	0.88	LB/GAL	EC	0.093	lb ai/a	13.5	oz/a	MPOST	73ab	45bc	55a	70a
	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	MPOST				
	Provisia	0.88	LB/GAL	EC	0.0069	lb ai/a	1	oz/a	POST FL				
	Agri-dex	100%		L	1%	v/v			POST FL				
4	Provisia	0.88	LB/GAL	EC	0.093	lb ai/a	13.5	oz/a	MPOST	66bc	43c	45b	69a
	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	MPOST				
	Provisia	0.88	LB/GAL	EC	0.0138	lb ai/a	2	oz/a	POST FL				
	Agri-dex	100%		L	1%	v/v			POST FL				
5	Provisia	0.88	LB/GAL	EC	0.093	lb ai/a	13.5	oz/a	MPOST	65c	48bc	48ab	69a
	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	MPOST				
	Provisia	0.88	LB/GAL	EC	0.0206	lb ai/a	3	oz/a	POST FL				
	Agri-dex	100%		L	1%	v/v			POST FL				
6	Provisia	0.88	LB/GAL	EC	0.093	lb ai/a	13.5	oz/a	MPOST	61c	56a	43b	65a
	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	MPOST				
	Provisia	0.88	LB/GAL	EC	0.0275	lb ai/a	4	oz/a	POST FL				
	Agri-dex	100%		L	1%	v/v			POST FL				
LSD P=.05										6.4	7.4	8.1	11.1
Standard Deviation										4.2	4.9	5.4	7.3
CV										7.4	12.28	13.72	12.67
Replicate F										0.212	2.094	0.192	0.490
Replicate Prob(F)										0.8863	0.1440	0.9000	0.6946
Treatment F										183.672	67.325	53.538	60.526
Treatment Prob(F)										0.0001	0.0001	0.0001	0.0001

Means followed by same letter or symbol do not significantly differ (P=.05, LSD)
Could not calculate LSD (% mean diff) for columns 13,14,15 because error mean square = 0.

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Provisia at Low Rates on Antagonized Weeds

Trial ID:C16-19 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-19 Investigator:Eric P. Webster

Pest Code									CLXL745	CLXL745	ORYSA	ORYSA
Rating Date									Jul-6-2016	Jul-18-2016	Jun-22-2016	Jul-6-2016
Rating Type									CONTROL	CONTROL	CONTROL	CONTROL
Rating Unit									%	%	%	%
Trt-Eval Interval									16 DA POSTF	28 DA POSTF	16 DA MPOST	16 DA POSTF
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage				
1	NONTREATED									0b	0b	0b	0b
2	Provisia	0.88	LB/GAL	EC	0.093	lb ai/a	13.5	oz/a	MPOST	49a	45a	80a	84a
	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	MPOST				
3	Provisia	0.88	LB/GAL	EC	0.093	lb ai/a	13.5	oz/a	MPOST	49a	45a	76a	79a
	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	MPOST				
	Provisia	0.88	LB/GAL	EC	0.0069	lb ai/a	1	oz/a	POST FL				
	Agri-dex	100%		L	1%	v/v			POST FL				
4	Provisia	0.88	LB/GAL	EC	0.093	lb ai/a	13.5	oz/a	MPOST	48a	45a	78a	79a
	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	MPOST				
	Provisia	0.88	LB/GAL	EC	0.0138	lb ai/a	2	oz/a	POST FL				
	Agri-dex	100%		L	1%	v/v			POST FL				
5	Provisia	0.88	LB/GAL	EC	0.093	lb ai/a	13.5	oz/a	MPOST	51a	48a	76a	79a
	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	MPOST				
	Provisia	0.88	LB/GAL	EC	0.0206	lb ai/a	3	oz/a	POST FL				
	Agri-dex	100%		L	1%	v/v			POST FL				
6	Provisia	0.88	LB/GAL	EC	0.093	lb ai/a	13.5	oz/a	MPOST	48a	45a	76a	80a
	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	MPOST				
	Provisia	0.88	LB/GAL	EC	0.0275	lb ai/a	4	oz/a	POST FL				
	Agri-dex	100%		L	1%	v/v			POST FL				
LSD P=.05										5.9	8.1	6.4	6.9
Standard Deviation										3.9	5.3	4.3	4.6
CV										9.6	14.11	6.64	6.89
Replicate F										1.712	0.534	1.293	0.132
Replicate Prob(F)										0.2072	0.6660	0.3132	0.9398
Treatment F										104.671	48.379	218.451	202.816
Treatment Prob(F)										0.0001	0.0001	0.0001	0.0001

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Provisia at Low Rates on Antagonized Weeds

Trial ID:C16-19 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-19 Investigator:Eric P. Webster

Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	ORYSA	ECHCG	ECHCG	ECHCG
	Pest Code									ORYSA	ECHCG	ECHCG	ECHCG
	Rating Date									Jul-18-2016	Jun-22-2016	Jul-6-2016	Jul-18-2016
	Rating Type									CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit									%	%	%	%
	Trt-Eval Interval									28 DA POSTF	16 DA MPOST	16 DA POSTF	28 DA POSTF
1	NONTREATED									0c	0c	0e	0c
2	Provisia	0.88	LB/GAL	EC	0.093	lb ai/a	13.5	oz/a	MPOST	48a	54a	30d	0c
	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	MPOST				
3	Provisia	0.88	LB/GAL	EC	0.093	lb ai/a	13.5	oz/a	MPOST	45a	36b	34d	0c
	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	MPOST				
	Provisia	0.88	LB/GAL	EC	0.0069	lb ai/a	1	oz/a	POST FL				
	Agri-dex	100%		L	1%	v/v			POST FL				
4	Provisia	0.88	LB/GAL	EC	0.093	lb ai/a	13.5	oz/a	MPOST	38b	48a	40c	58b
	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	MPOST				
	Provisia	0.88	LB/GAL	EC	0.0138	lb ai/a	2	oz/a	POST FL				
	Agri-dex	100%		L	1%	v/v			POST FL				
5	Provisia	0.88	LB/GAL	EC	0.093	lb ai/a	13.5	oz/a	MPOST	43ab	34b	61b	68a
	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	MPOST				
	Provisia	0.88	LB/GAL	EC	0.0206	lb ai/a	3	oz/a	POST FL				
	Agri-dex	100%		L	1%	v/v			POST FL				
6	Provisia	0.88	LB/GAL	EC	0.093	lb ai/a	13.5	oz/a	MPOST	44ab	33b	73a	0c
	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	MPOST				
	Provisia	0.88	LB/GAL	EC	0.0275	lb ai/a	4	oz/a	POST FL				
	Agri-dex	100%		L	1%	v/v			POST FL				
	LSD P=.05									6.7	7.0	5.3	3.9
	Standard Deviation									4.5	4.6	3.5	2.6
	CV									12.39	13.6	8.83	12.39
	Replicate F									1.585	0.570	2.159	2.500
	Replicate Prob(F)									0.2345	0.6433	0.1355	0.0991
	Treatment F									64.777	65.130	212.455	631.000
	Treatment Prob(F)									0.0001	0.0001	0.0001	0.0001

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Provisia at Low Rates on Antagonized Weeds

Trial ID:C16-19 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-19 Investigator:Eric P. Webster

Pest Code									RICE	RICE	RICE
Rating Date									Jun-22-2016	Jul-6-2016	Jul-18-2016
Rating Type									INJURY	INJURY	INJURY
Rating Unit									%	%	%
Trt-Eval Interval									16 DA MPOST	16 DA POSTF	28 DA POSTF
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
1	NONTREATED									0a	0a	0a
2	Provisia	0.88	LB/GAL	EC	0.093	lb ai/a	13.5	oz/a	MPOST	0a	0a	0a
	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	MPOST			
3	Provisia	0.88	LB/GAL	EC	0.093	lb ai/a	13.5	oz/a	MPOST	0a	0a	0a
	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	MPOST			
	Provisia	0.88	LB/GAL	EC	0.0069	lb ai/a	1	oz/a	POST FL			
	Agri-dex	100%		L	1%	v/v			POST FL			
4	Provisia	0.88	LB/GAL	EC	0.093	lb ai/a	13.5	oz/a	MPOST	0a	0a	0a
	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	MPOST			
	Provisia	0.88	LB/GAL	EC	0.0138	lb ai/a	2	oz/a	POST FL			
	Agri-dex	100%		L	1%	v/v			POST FL			
5	Provisia	0.88	LB/GAL	EC	0.093	lb ai/a	13.5	oz/a	MPOST	0a	0a	0a
	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	MPOST			
	Provisia	0.88	LB/GAL	EC	0.0206	lb ai/a	3	oz/a	POST FL			
	Agri-dex	100%		L	1%	v/v			POST FL			
6	Provisia	0.88	LB/GAL	EC	0.093	lb ai/a	13.5	oz/a	MPOST	0a	0a	0a
	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	MPOST			
	Provisia	0.88	LB/GAL	EC	0.0275	lb ai/a	4	oz/a	POST FL			
	Agri-dex	100%		L	1%	v/v			POST FL			
LSD P=.05									.	.	.
Standard Deviation									0.0	0.0	0.0
CV									0.0	0.0	0.0
Replicate F									0.000	0.000	0.000
Replicate Prob(F)									1.0000	1.0000	1.0000
Treatment F									0.000	0.000	0.000
Treatment Prob(F)									1.0000	1.0000	1.0000

LSU AgCenter
School of Plant, Environmental and Soil Sciences

Clincher/ Ricestar HT Timing for the control of Nealley's Sprangletop

Experiment number	**C16-21**
Location.....	RRS-Crowley, LA
Experimental design	RCB
Number of reps.....	4
Plot size.....	5'x17'
Row width/# per plot	7.5"/8
Soil type	Crowley silt loam (3% sand, 69% silt, 28% clay)
% OM	1.4
pH	6.4
CEC.....	19.1
Crop/Variety	CL 111
Planting date	4/6/16
Emergence date	4/16/16
Harvest date	NA

Application type	DPRE	PREFLOOD	POSTFLOOD
Date applied [mm/dd/yy]	4/18/16	5/16/16	5/23/16
Time [hh:mm-hh:mm]	10:00-10:20a	12:20-12:27p	3:30-3:40p
Air/Soil temperature [F].....	74/78	73/70	86/81
Relative humidity [%]	75%	86%	54%
Wind [mph, direction].....	6-10 ESE	6-9, SE	5-7, SE
Weather [sunny, etc].....	cloudy	cloudy	pt. cloudy
Soil/Leaf surface moist	wet/dry	dry/dry	flood/dry
Crop stage/Height.....	NA/NA	NA/NA	1-2til/10-14"
Sprayer type/MPH	BKPK/3.0	BKPK/3.0	BKPK/3.0
Nozzle type/Size*	FF/110015	FF/110015	FF/110015
Boom ht/# Noz/Spacing	15/5/15	15/5/16	15/5/15
GPA/PSI	15/21	15/21	15/21
Applied by.....	EAB	EPW	EAB

Weed Species (population)..:	----------	(height/#leaves)	----------
LEPNE(1-50m^{-2})	0.1-0.25"/cot	1-3"/2-4lf	6-8"/4-5lf
LEFPA(3-5m^{-2})		4-6"/3-4lf	8-12"/4lf-1-2til

Flush Dates	NA
Permanent Flood	5/18/16

*AMFF – Air mix flat fan nozzles

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Clincher Ricestar Timing for the Control of Nealley's Sprangletop

Trial ID:C16-21 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-21 Investigator:Eric P. Webster

Pest Code								LEPNE	LEPNE	LEPNE
Rating Date								May-25-2016	Jun-7-2016	Jun-21-2016
Rating Type								CONTROL	CONTROL	CONTROL
Rating Unit								%	%	%
Trt-Eval Interval								9DAPREFLOOD	15 DA POSTF	29 DA POSTF
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
1	Clincher	2.38	LBA/GAL	EC	0.242	lb ai/a	13	fl oz/a		92ab	91ab	94ab
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PreFlo			
2	Clincher	2.38	LBA/GAL	EC	0.242	lb ai/a	13	fl oz/a			91ab	93ab
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PostFl			
3	Clincher	2.38	LBA/GAL	EC	0.28	lb ai/a	15	fl oz/a		92a	91ab	93ab
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PreFlo			
4	Clincher	2.38	LBA/GAL	EC	0.28	lb ai/a	15	fl oz/a			90b	93ab
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PostFl			
5	Clincher	2.38	LBA/GAL	EC	0.372	lb ai/a	20	fl oz/a		91ab	93a	93ab
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PreFlo			
6	Clincher	2.38	LBA/GAL	EC	0.372	lb ai/a	20	fl oz/a			90b	95a
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PostFl			
7	Ricestar HT	0.58	LBA/GAL	L	0.059	lb ai/a	13	fl oz/a		92ab	91ab	89bc
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PreFlo			
8	Ricestar HT	0.58	LBA/GAL	L	0.059	lb ai/a	13	fl oz/a			90b	93ab
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PostFl			
9	Ricestar HT	0.58	LBA/GAL	L	0.077	lb ai/a	17	fl oz/a		92ab	93a	91ab
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PreFlo			
10	Ricestar HT	0.58	LBA/GAL	L	0.077	lb ai/a	17	fl oz/a			91ab	91abc
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PostFl			
11	Ricestar HT	0.58	LBA/GAL	L	0.109	lb ai/a	24	fl oz/a		91b	91ab	90abc
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PreFlo			
12	Ricestar HT	0.58	LBA/GAL	L	0.109	lb ai/a	24	fl oz/a			91ab	90abc
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PostFl			
13	No Herbicide									0d	0c	0e
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PreFlo			
14	No Herbicide									0d	0c	0e
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PostFl			
15	RiceBeaux	6	LB/GAL	EC	3	lb ai/a	64	fl oz/a	Preflo	87c	91ab	85cd
16	RiceBeaux	6	LB/GAL	EC	4.5	lb ai/a	96	fl oz/a	PostFl		93a	83d
LSD P=.05										1.3	2.4	5.9
Standard Deviation										0.9	1.7	4.2
CV										1.27	2.13	5.24
Replicate F										1.103	2.062	1.278
Replicate Prob(F)										0.3670	0.1186	0.2934
Treatment F										7983.621	1344.892	224.585
Treatment Prob(F)										0.0001	0.0001	0.0001

Means followed by same letter or symbol do not significantly differ (P=.05, LSD)
Could not calculate LSD (% mean diff) for columns 9,10,11,12 because error mean square = 0.

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Clincher Ricestar Timing for the Control of Nealley's Sprangletop

Trial ID:C16-21 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-21 Investigator:Eric P. Webster

Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	LEPNE	LEFPA	LEFPA
Pest Code										LEPNE	LEFPA	LEFPA
Rating Date										Jul-5-2016	May-25-2016	Jun-7-2016
Rating Type										CONTROL	CONTROL	CONTROL
Rating Unit										%	%	%
Trt-Eval Interval										43 DA POSTF	9DAPREFLOOD	15 DA POSTF
1	Clincher	2.38	LBA/GAL	EC	0.242	lb ai/a	13	fl oz/a		93abc	94a	95a
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PreFlo			
2	Clincher	2.38	LBA/GAL	EC	0.242	lb ai/a	13	fl oz/a		93abc		94ab
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PostFl			
3	Clincher	2.38	LBA/GAL	EC	0.28	lb ai/a	15	fl oz/a		91c	94a	94ab
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PreFlo			
4	Clincher	2.38	LBA/GAL	EC	0.28	lb ai/a	15	fl oz/a		91bc		92b
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PostFl			
5	Clincher	2.38	LBA/GAL	EC	0.372	lb ai/a	20	fl oz/a		91bc	94a	93ab
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PreFlo			
6	Clincher	2.38	LBA/GAL	EC	0.372	lb ai/a	20	fl oz/a		91bc		93ab
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PostFl			
7	Ricestar HT	0.58	LBA/GAL	L	0.059	lb ai/a	13	fl oz/a		92abc	94a	93ab
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PreFlo			
8	Ricestar HT	0.58	LBA/GAL	L	0.059	lb ai/a	13	fl oz/a		94ab		92b
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PostFl			
9	Ricestar HT	0.58	LBA/GAL	L	0.077	lb ai/a	17	fl oz/a		91c	94a	94ab
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PreFlo			
10	Ricestar HT	0.58	LBA/GAL	L	0.077	lb ai/a	17	fl oz/a		91bc		94ab
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PostFl			
11	Ricestar HT	0.58	LBA/GAL	L	0.109	lb ai/a	24	fl oz/a		95a	94a	95a
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PreFlo			
12	Ricestar HT	0.58	LBA/GAL	L	0.109	lb ai/a	24	fl oz/a		92abc		94ab
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PostFl			
13	No Herbicide									0e	0c	0c
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PreFlo			
14	No Herbicide									0e	0c	0c
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PostFl			
15	RiceBeaux	6	LB/GAL	EC	3	lb ai/a	64	fl oz/a	Preflo	84d	88b	93ab
16	RiceBeaux	6	LB/GAL	EC	4.5	lb ai/a	96	fl oz/a	PostFl	81d		95a
LSD P=.05										3.1	1.6	2.8
Standard Deviation										2.2	1.1	1.9
CV										2.74	1.5	2.38
Replicate F										0.198	1.728	1.827
Replicate Prob(F)										0.8969	0.1880	0.1557
Treatment F										824.257	5731.935	1078.082
Treatment Prob(F)										0.0001	0.0001	0.0001

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Clincher Ricestar Timing for the Control of Nealley's Sprangletop

Trial ID:C16-21 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-21 Investigator:Eric P. Webster

Pest Code									LEFPA	LEFPA	RICE
Rating Date									Jun-21-2016	Jul-5-2016	May-25-2016
Rating Type									CONTROL	CONTROL	INJURY
Rating Unit									%	%	%
Trt-Eval Interval									29 DA POSTF	43 DA POSTF	9DAPREFLOOD
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
1	Clincher	2.38	LBA/GAL	EC	0.242	lb ai/a	13	fl oz/a		93ab	93a	0a
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PreFlo			
2	Clincher	2.38	LBA/GAL	EC	0.242	lb ai/a	13	fl oz/a		95a	91a	
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PostFl			
3	Clincher	2.38	LBA/GAL	EC	0.28	lb ai/a	15	fl oz/a		94a	92a	0a
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PreFlo			
4	Clincher	2.38	LBA/GAL	EC	0.28	lb ai/a	15	fl oz/a		93ab	93a	
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PostFl			
5	Clincher	2.38	LBA/GAL	EC	0.372	lb ai/a	20	fl oz/a		95a	92a	0a
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PreFlo			
6	Clincher	2.38	LBA/GAL	EC	0.372	lb ai/a	20	fl oz/a		95a	92a	
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PostFl			
7	Ricestar HT	0.58	LBA/GAL	L	0.059	lb ai/a	13	fl oz/a		90ab	91a	0a
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PreFlo			
8	Ricestar HT	0.58	LBA/GAL	L	0.059	lb ai/a	13	fl oz/a		86bc	91a	
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PostFl			
9	Ricestar HT	0.58	LBA/GAL	L	0.077	lb ai/a	17	fl oz/a		91ab	92a	0a
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PreFlo			
10	Ricestar HT	0.58	LBA/GAL	L	0.077	lb ai/a	17	fl oz/a		94a	93a	
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PostFl			
11	Ricestar HT	0.58	LBA/GAL	L	0.109	lb ai/a	24	fl oz/a		93ab	93a	0a
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PreFlo			
12	Ricestar HT	0.58	LBA/GAL	L	0.109	lb ai/a	24	fl oz/a		91ab	92a	
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PostFl			
13	No Herbicide									0d	0c	0a
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PreFlo			
14	No Herbicide									0d	0c	0a
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PostFl			
15	RiceBeaux	6	LB/GAL	EC	3	lb ai/a	64	fl oz/a	Preflo	80c	85b	0a
16	RiceBeaux	6	LB/GAL	EC	4.5	lb ai/a	96	fl oz/a	PostFl	83c	84b	
LSD P=.05										6.9	3.0	.
Standard Deviation										4.9	2.1	0.0
CV										6.1	2.64	0.0
Replicate F										3.319	1.156	0.000
Replicate Prob(F)										0.0281	0.3370	1.0000
Treatment F										166.844	879.612	0.000
Treatment Prob(F)										0.0001	0.0001	1.0000

LSU AgCenter SPESS

Clincher Ricestar Timing for the Control of Nealley's Sprangletop

Trial ID:C16-21 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-21 Investigator:Eric P. Webster

Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	RICE Jun-7-2016 INJURY % 15 DA POSTF	RICE Jun-21-2016 INJURY % 29 DA POSTF	RICE Jul-5-2016 INJURY % 43 DA POSTF
1	Clincher	2.38	LBA/GAL	EC	0.242	lb ai/a	13	fl oz/a		0a	0a	0a
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PreFlo			
2	Clincher	2.38	LBA/GAL	EC	0.242	lb ai/a	13	fl oz/a		0a	0a	0a
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PostFl			
3	Clincher	2.38	LBA/GAL	EC	0.28	lb ai/a	15	fl oz/a		0a	0a	0a
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PreFlo			
4	Clincher	2.38	LBA/GAL	EC	0.28	lb ai/a	15	fl oz/a		0a	0a	0a
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PostFl			
5	Clincher	2.38	LBA/GAL	EC	0.372	lb ai/a	20	fl oz/a		0a	0a	0a
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PreFlo			
6	Clincher	2.38	LBA/GAL	EC	0.372	lb ai/a	20	fl oz/a		0a	0a	0a
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PostFl			
7	Ricestar HT	0.58	LBA/GAL	L	0.059	lb ai/a	13	fl oz/a		0a	0a	0a
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PreFlo			
8	Ricestar HT	0.58	LBA/GAL	L	0.059	lb ai/a	13	fl oz/a		0a	0a	0a
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PostFl			
9	Ricestar HT	0.58	LBA/GAL	L	0.077	lb ai/a	17	fl oz/a		0a	0a	0a
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PreFlo			
10	Ricestar HT	0.58	LBA/GAL	L	0.077	lb ai/a	17	fl oz/a		0a	0a	0a
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PostFl			
11	Ricestar HT	0.58	LBA/GAL	L	0.109	lb ai/a	24	fl oz/a		0a	0a	0a
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PreFlo			
12	Ricestar HT	0.58	LBA/GAL	L	0.109	lb ai/a	24	fl oz/a		0a	0a	0a
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PostFl			
13	No Herbicide									0a	0a	0a
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PreFlo			
14	No Herbicide									0a	0a	0a
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PostFl			
15	RiceBeaux	6	LB/GAL	EC	3	lb ai/a	64	fl oz/a	Preflo	0a	0a	0a
16	RiceBeaux	6	LB/GAL	EC	4.5	lb ai/a	96	fl oz/a	PostFl	0a	0a	0a
LSD P=.05										.	.	.
Standard Deviation										0.0	0.0	0.0
CV										0.0	0.0	0.0
Replicate F										0.000	0.000	0.000
Replicate Prob(F)										1.0000	1.0000	1.0000
Treatment F										0.000	0.000	0.000
Treatment Prob(F)										1.0000	1.0000	1.0000

LSU AgCenter SPESS

Clincher Ricestar Timing for the Control of Nealley's Sprangletop

Trial ID:C16-21 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-21 Investigator:Eric P. Webster

Pest Code									RICE	RICE	RICE
Rating Date									Aug-10-2016	Aug-10-2016	Aug-10-2016
Rating Type									HEIGHT	HEIGHT	HEIGHT
Rating Unit									cm	cm	cm
Trt-Eval Interval									At Harvest	At Harvest	At Harvest
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
1	Clincher	2.38	LBA/GAL	EC	0.242	lb ai/a	13	fl oz/a		119a	114a-d	115a
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PreFlo			
2	Clincher	2.38	LBA/GAL	EC	0.242	lb ai/a	13	fl oz/a		114abc	115a-d	114a
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PostFl			
3	Clincher	2.38	LBA/GAL	EC	0.28	lb ai/a	15	fl oz/a		119a	117ab	115a
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PreFlo			
4	Clincher	2.38	LBA/GAL	EC	0.28	lb ai/a	15	fl oz/a		111bc	113a-d	111ab
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PostFl			
5	Clincher	2.38	LBA/GAL	EC	0.372	lb ai/a	20	fl oz/a		112abc	112a-d	114a
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PreFlo			
6	Clincher	2.38	LBA/GAL	EC	0.372	lb ai/a	20	fl oz/a		110bc	110bcd	114a
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PostFl			
7	Ricestar HT	0.58	LBA/GAL	L	0.059	lb ai/a	13	fl oz/a		115abc	112a-d	114a
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PreFlo			
8	Ricestar HT	0.58	LBA/GAL	L	0.059	lb ai/a	13	fl oz/a		114abc	112a-d	115a
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PostFl			
9	Ricestar HT	0.58	LBA/GAL	L	0.077	lb ai/a	17	fl oz/a		113abc	112a-d	115a
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PreFlo			
10	Ricestar HT	0.58	LBA/GAL	L	0.077	lb ai/a	17	fl oz/a		113abc	116abc	114a
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PostFl			
11	Ricestar HT	0.58	LBA/GAL	L	0.109	lb ai/a	24	fl oz/a		113abc	118a	114a
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PreFlo			
12	Ricestar HT	0.58	LBA/GAL	L	0.109	lb ai/a	24	fl oz/a		107c	108cd	104c
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PostFl			
13	No Herbicide									114abc	111a-d	115a
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PreFlo			
14	No Herbicide									109bc	108d	107bc
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PostFl			
15	RiceBeaux	6	LB/GAL	EC	3	lb ai/a	64	fl oz/a	Preflo	117ab	111a-d	114a
16	RiceBeaux	6	LB/GAL	EC	4.5	lb ai/a	96	fl oz/a	PostFl	109bc	112a-d	113ab
LSD P=.05										7.9	7.8	6.4
Standard Deviation										5.6	5.5	4.5
CV										4.93	4.87	3.98
Replicate F										7.288	6.329	13.075
Replicate Prob(F)										0.0004	0.0011	0.0001
Treatment F										1.453	1.152	1.997
Treatment Prob(F)										0.1650	0.3419	0.0376

LSU AgCenter SPESS

Clincher Ricestar Timing for the Control of Nealley's Sprangletop

Trial ID:C16-21 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-21 Investigator:Eric P. Webster

Pest Code									RICE	RICE
Rating Date									Aug-10-2016	Aug-10-2016
Rating Type									HEIGHT	AVG HEIGHT
Rating Unit									cm	cm
Trt-Eval Interval									At Harvest	At Harvest
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage		
1	Clincher	2.38	LBA/GAL	EC	0.242	lb ai/a	13	fl oz/a		114a	115a
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PreFlo		
2	Clincher	2.38	LBA/GAL	EC	0.242	lb ai/a	13	fl oz/a		113ab	114a
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PostFl		
3	Clincher	2.38	LBA/GAL	EC	0.28	lb ai/a	15	fl oz/a		115a	116a
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PreFlo		
4	Clincher	2.38	LBA/GAL	EC	0.28	lb ai/a	15	fl oz/a		112ab	111abc
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PostFl		
5	Clincher	2.38	LBA/GAL	EC	0.372	lb ai/a	20	fl oz/a		118a	114a
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PreFlo		
6	Clincher	2.38	LBA/GAL	EC	0.372	lb ai/a	20	fl oz/a		115a	112abc
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PostFl		
7	Ricestar HT	0.58	LBA/GAL	L	0.059	lb ai/a	13	fl oz/a		111ab	113abc
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PreFlo		
8	Ricestar HT	0.58	LBA/GAL	L	0.059	lb ai/a	13	fl oz/a		116a	114a
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PostFl		
9	Ricestar HT	0.58	LBA/GAL	L	0.077	lb ai/a	17	fl oz/a		115a	114a
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PreFlo		
10	Ricestar HT	0.58	LBA/GAL	L	0.077	lb ai/a	17	fl oz/a		117a	115a
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PostFl		
11	Ricestar HT	0.58	LBA/GAL	L	0.109	lb ai/a	24	fl oz/a		118a	115a
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PreFlo		
12	Ricestar HT	0.58	LBA/GAL	L	0.109	lb ai/a	24	fl oz/a		112ab	108bc
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PostFl		
13	No Herbicide									116a	114a
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PreFlo		
14	No Herbicide									107b	107c
	Agri-Dex	100%		L	1%	v/v	1%	v/v	PostFl		
15	RiceBeaux	6	LB/GAL	EC	3	lb ai/a	64	fl oz/a	Preflo	113ab	113ab
16	RiceBeaux	6	LB/GAL	EC	4.5	lb ai/a	96	fl oz/a	PostFl	113ab	112abc
LSD P=.05										7.7	5.9
Standard Deviation										5.4	4.1
CV										4.78	3.64
Replicate F										9.260	13.700
Replicate Prob(F)										0.0001	0.0001
Treatment F										1.070	1.527
Treatment Prob(F)										0.4091	0.1362

LSU AgCenter
School of Plant, Environmental and Soil Sciences

Strada WG for Residual Control

Experiment number	**C16-22**
Location	RRS-Crowley, LA
Experimental design	RCB
Number of reps	4
Plot size	5'x17'
Row width/# per plot	7.5"/8
Soil type	Crowley silt loam (3% sand, 69% silt, 28% clay)
% OM	1.4
pH	6.4
CEC	19.1
Crop/Variety	CL 111
Planting date	4/6/16
Emergence date	4/16/16
Harvest date	8/25/16

Application type	PRE	EPOST
Date applied [mm/dd/yy]	4/11/16	4/27/16
Time [hh:mm-hh:mm]	8:15-8:25a	8:13-8:14a
Air/Soil temperature [F]	68/40	75/72
Relative humidity [%]	95%	85%
Wind [mph, direction]	7-10, S	8-10, SSE
Weather [sunny, etc]	cloudy	cloudy
Soil/Leaf surface moist	dry/dry	dry/dry
Crop stage/Height	NA/NA	2-3lf/2-4"
Sprayer type/MPH	BKPK/3.0	BKPK/3.0
Nozzle type/Size*	FF/110015	FF/110015
Boom ht/# Noz/Spacing	15/5/15	15/5/15
GPA/PSI	15/22	15/22
Applied by	BMM	EPW

Weed Species (population)	------- (height/#leaves) -------
ECHCG(30-40m^{-2})	0.50-1"/1-2lf
AESIN(3-5m^{-2})	1-2"/2-3lf
SEBEX(5-7m^{-2})	0.50-1"/1-2lf
ALRPH(3-5m^{-2})	3-6"/8-12lf
ECLAL(3-5m^{-2})	1-2"/2-4lf
CYPIR(50-100m^{-2})	0.50-1"/3lf
BRAPP(10-20m^{-2})	0.50-1"/1-2lf
CYPES(5-10m^{-2})	1-2"/3lf

Flush Dates	NA
Permanent Flood	5/18/16

*AMFF – Air mix flat fan nozzles

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Strada WG for Residual Control

Trial ID:C16-22 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-22 Investigator:Eric P. Webster

Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage				
Pest Code										AESIN	AESIN	AESIN	ALRPH
Rating Date										May-12-2016	May-24-2016	Jun-22-2016	May-12-2016
Rating Type										CONTROL	CONTROL	CONTROL	CONTROL
Rating Unit										%	%	%	%
Trt-Eval Interval										15 DA EPOST	27 DA EPOST	56 DA EPOST	15 DA EPOST
1	Nontreated									0d	0c	0d	0c
2	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	0d	0c	0d	0c
3	Strada	50%		WG	0.089	lb ai/a	2.85	oz/a	PRE	75b	89ab	50b	18b
4	Strada	50%		WG	0.178	lb ai/a	5.7	oz/a	PRE	70b	89ab	30c	20b
5	Strada	50%		WG	0.27	lb ai/a	8.6	oz/a	PRE	25c	85b	50b	29a
6	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	20c	84b	28c	19b
	Strada	50%		WG	0.089	lb ai/a	2.85	oz/a	PRE				
7	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	86a	93a	90a	30a
	Strada	50%		WG	0.089	lb ai/a	2.85	oz/a	EPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST				
LSD P=.05										6.9	6.6	2.8	3.6
Standard Deviation										4.6	4.4	1.9	2.4
CV										11.76	7.05	5.34	14.73
Replicate F										1.258	2.120	1.000	0.407
Replicate Prob(F)										0.3184	0.1333	0.4155	0.7500
Treatment F										250.438	377.576	1121.000	101.949
Treatment Prob(F)										0.0001	0.0001	0.0001	0.0001

Means followed by same letter or symbol do not significantly differ (P=.05, LSD)
Could not calculate LSD (% mean diff) for columns 5,6,7,29,30,31,32,44 because error mean square = 0.

LSU AgCenter SPESS

Strada WG for Residual Control

Trial ID:C16-22 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-22 Investigator:Eric P. Webster

Pest Code									ALRPH	ALRPH	ALRPH	ECLAL
Rating Date									May-24-2016	Jun-7-2016	Jun-22-2016	May-12-2016
Rating Type									CONTROL	CONTROL	CONTROL	CONTROL
Rating Unit									%	%	%	%
Trt-Eval Interval									27 DA EPOST	41 DA EPOST	56 DA EPOST	15 DA EPOST
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage				
1	Nontreated									0a	0a	0a	0d
2	Command	3LBA/GAL		ME	0.3	lb ai/a	12.8	oz/a	PRE	0a	0a	0a	0d
3	Strada	50%		WG	0.089	lb ai/a	2.85	oz/a	PRE	0a	0a	0a	89ab
4	Strada	50%		WG	0.178	lb ai/a	5.7	oz/a	PRE	0a	0a	0a	81bc
5	Strada	50%		WG	0.27	lb ai/a	8.6	oz/a	PRE	0a	0a	0a	89ab
6	Command	3LBA/GAL		ME	0.3	lb ai/a	12.8	oz/a	PRE	0a	0a	0a	76c
	Strada	50%		WG	0.089	lb ai/a	2.85	oz/a	PRE				
7	Command	3LBA/GAL		ME	0.3	lb ai/a	12.8	oz/a	PRE	0a	0a	0a	93a
	Strada	50%		WG	0.089	lb ai/a	2.85	oz/a	EPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST				
LSD P=.05										.	.	.	8.9
Standard Deviation										0.0	0.0	0.0	6.0
CV										0.0	0.0	0.0	9.81
Replicate F										0.000	0.000	0.000	0.961
Replicate Prob(F)										1.0000	1.0000	1.0000	0.4323
Treatment F										0.000	0.000	0.000	197.088
Treatment Prob(F)										1.0000	1.0000	1.0000	0.0001

LSU AgCenter SPESS

Strada WG for Residual Control

Trial ID:C16-22 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-22 Investigator:Eric P. Webster

Pest Code									ECLAL	SEBEX	SEBEX	SEBEX
Rating Date									May-24-2016	May-12-2016	May-24-2016	Jun-7-2016
Rating Type									CONTROL	CONTROL	CONTROL	CONTROL
Rating Unit									%	%	%	%
Trt-Eval Interval									27 DA EPOST	15 DA EPOST	27 DA EPOST	41 DA EPOST
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage				
1	Nontreated									0c	0d	0d	0c
2	Command	3LBA/GAL		ME	0.3	lb ai/a	12.8	oz/a	PRE	0c	0d	0d	0c
3	Strada	50%		WG	0.089	lb ai/a	2.85	oz/a	PRE	96a	53b	88b	88a
4	Strada	50%		WG	0.178	lb ai/a	5.7	oz/a	PRE	95a	23c	81b	91a
5	Strada	50%		WG	0.27	lb ai/a	8.6	oz/a	PRE	93ab	23c	58c	53b
6	Command	3LBA/GAL		ME	0.3	lb ai/a	12.8	oz/a	PRE	91b	20c	56c	55b
	Strada	50%		WG	0.089	lb ai/a	2.85	oz/a	PRE				
7	Command	3LBA/GAL		ME	0.3	lb ai/a	12.8	oz/a	PRE	95a	80a	95a	93a
	Strada	50%		WG	0.089	lb ai/a	2.85	oz/a	EPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST				
LSD P=.05										3.1	5.1	6.9	5.0
Standard Deviation										2.1	3.5	4.6	3.4
CV										3.14	12.23	8.61	6.24
Replicate F										0.694	1.700	2.191	2.583
Replicate Prob(F)										0.5678	0.2027	0.1244	0.0853
Treatment F										1889.389	279.800	290.885	574.252
Treatment Prob(F)										0.0001	0.0001	0.0001	0.0001

LSU AgCenter SPESS

Strada WG for Residual Control

Trial ID:C16-22 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-22 Investigator:Eric P. Webster

Pest Code									SEBEX	CYPES	CYPES	CYPES
Rating Date									Jun-22-2016	May-12-2016	May-24-2016	Jun-7-2016
Rating Type									CONTROL	CONTROL	CONTROL	CONTROL
Rating Unit									%	%	%	%
Trt-Eval Interval									56 DA EPOST	15 DA EPOST	27 DA EPOST	41 DA EPOST
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage				
1	Nontreated									0e	0e	0d	0e
2	Command	3LBA/GAL		ME	0.3	lb ai/a	12.8	oz/a	PRE	0e	0e	0d	0e
3	Strada	50%		WG	0.089	lb ai/a	2.85	oz/a	PRE	53b	43a	85a	71b
4	Strada	50%		WG	0.178	lb ai/a	5.7	oz/a	PRE	53b	28c	76b	63c
5	Strada	50%		WG	0.27	lb ai/a	8.6	oz/a	PRE	35c	30c	76b	65c
6	Command	3LBA/GAL		ME	0.3	lb ai/a	12.8	oz/a	PRE	20d	20d	43c	23d
	Strada	50%		WG	0.089	lb ai/a	2.85	oz/a	PRE				
7	Command	3LBA/GAL		ME	0.3	lb ai/a	12.8	oz/a	PRE	90a	38b	83a	83a
	Strada	50%		WG	0.089	lb ai/a	2.85	oz/a	EPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST				
LSD P=.05										5.2	4.8	6.0	5.8
Standard Deviation										3.5	3.2	4.0	3.9
CV										9.82	14.28	7.77	9.04
Replicate F										0.774	1.269	1.988	1.452
Replicate Prob(F)										0.5235	0.3148	0.1519	0.2610
Treatment F										341.903	111.462	358.399	318.213
Treatment Prob(F)										0.0001	0.0001	0.0001	0.0001

LSU AgCenter SPESS

Strada WG for Residual Control

Trial ID:C16-22 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-22 Investigator:Eric P. Webster

Pest Code									CYPES	CYPIR	CYPIR	CYPIR
Rating Date									Jun-22-2016	May-12-2016	May-24-2016	Jun-7-2016
Rating Type									CONTROL	CONTROL	CONTROL	CONTROL
Rating Unit									%	%	%	%
Trt-Eval Interval									56 DA EPOST	15 DA EPOST	27 DA EPOST	41 DA EPOST
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage				
1	Nontreated									0c	0d	0d	0e
2	Command	3LBA/GAL		ME	0.3	lb ai/a	12.8	oz/a	PRE	0c	0d	0d	0e
3	Strada	50%		WG	0.089	lb ai/a	2.85	oz/a	PRE	53ab	45bc	88a	71a
4	Strada	50%		WG	0.178	lb ai/a	5.7	oz/a	PRE	53ab	53b	88a	40c
5	Strada	50%		WG	0.27	lb ai/a	8.6	oz/a	PRE	55a	66a	86a	65b
6	Command	3LBA/GAL		ME	0.3	lb ai/a	12.8	oz/a	PRE	50ab	39c	36c	25d
	Strada	50%		WG	0.089	lb ai/a	2.85	oz/a	PRE				
7	Command	3LBA/GAL		ME	0.3	lb ai/a	12.8	oz/a	PRE	48b	68a	66b	76a
	Strada	50%		WG	0.089	lb ai/a	2.85	oz/a	EPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST				
LSD P=.05										7.2	7.9	5.3	5.3
Standard Deviation										4.9	5.3	3.6	3.5
CV										13.26	13.79	6.91	8.95
Replicate F										1.350	0.337	4.500	1.606
Replicate Prob(F)										0.2897	0.7989	0.0159	0.2229
Treatment F										107.000	113.505	493.800	335.457
Treatment Prob(F)										0.0001	0.0001	0.0001	0.0001

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Strada WG for Residual Control

Trial ID:C16-22 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-22 Investigator:Eric P. Webster

Pest Code									CYPIR	BRAPP	BRAPP	BRAPP
Rating Date									Jun-22-2016	May-12-2016	May-24-2016	Jun-22-2016
Rating Type									CONTROL	CONTROL	CONTROL	CONTROL
Rating Unit									%	%	%	%
Trt-Eval Interval									56 DA EPOST	15 DA EPOST	27 DA EPOST	56 DA EPOST
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage				
1	Nontreated									0c	0e	0e	0f
2	Command	3LBA/GAL		ME	0.3	lb ai/a	12.8	oz/a	PRE	0c	75a	70a	60ab
3	Strada	50%		WG	0.089	lb ai/a	2.85	oz/a	PRE	74a	28d	23d	40e
4	Strada	50%		WG	0.178	lb ai/a	5.7	oz/a	PRE	65b	45c	23d	46de
5	Strada	50%		WG	0.27	lb ai/a	8.6	oz/a	PRE	76a	55b	31c	53cd
6	Command	3LBA/GAL		ME	0.3	lb ai/a	12.8	oz/a	PRE	79a	71a	63b	55bc
	Strada	50%		WG	0.089	lb ai/a	2.85	oz/a	PRE				
7	Command	3LBA/GAL		ME	0.3	lb ai/a	12.8	oz/a	PRE	80a	78a	63b	63a
	Strada	50%		WG	0.089	lb ai/a	2.85	oz/a	EPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST				
LSD P=.05										7.0	7.1	5.8	7.3
Standard Deviation										4.7	4.8	3.9	4.9
CV										8.87	9.5	10.05	10.91
Replicate F										3.757	0.144	1.000	5.229
Replicate Prob(F)										0.0296	0.9321	0.4155	0.0090
Treatment F										241.566	143.463	184.059	75.122
Treatment Prob(F)										0.0001	0.0001	0.0001	0.0001

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Strada WG for Residual Control

Trial ID:C16-22 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-22 Investigator:Eric P. Webster

Pest Code									ECHCG	ECHCG	ECHCG	ECHCG
Rating Date									May-12-2016	May-24-2016	Jun-7-2016	Jun-22-2016
Rating Type									CONTROL	CONTROL	CONTROL	CONTROL
Rating Unit									%	%	%	%
Trt-Eval Interval									15 DA EPOST	27 DA EPOST	41 DA EPOST	56 DA EPOST
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage				
1	Nontreated									0d	0f	0e	0e
2	Command	3LBA/GAL		ME	0.3	lb ai/a	12.8	oz/a	PRE	79a	70a	55b	58b
3	Strada	50%		WG	0.089	lb ai/a	2.85	oz/a	PRE	40c	53c	23d	33d
4	Strada	50%		WG	0.178	lb ai/a	5.7	oz/a	PRE	40c	23e	25d	28d
5	Strada	50%		WG	0.27	lb ai/a	8.6	oz/a	PRE	58b	36d	43c	33d
6	Command	3LBA/GAL		ME	0.3	lb ai/a	12.8	oz/a	PRE	74a	64ab	64a	45c
	Strada	50%		WG	0.089	lb ai/a	2.85	oz/a	PRE				
7	Command	3LBA/GAL		ME	0.3	lb ai/a	12.8	oz/a	PRE	79a	61b	65a	65a
	Strada	50%		WG	0.089	lb ai/a	2.85	oz/a	EPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST				
LSD P=.05										7.8	6.7	7.1	6.1
Standard Deviation										5.2	4.5	4.8	4.1
CV										9.93	10.33	12.19	10.99
Replicate F										1.076	0.626	1.611	4.000
Replicate Prob(F)										0.3842	0.6073	0.2218	0.0240
Treatment F										119.870	127.019	104.057	110.714
Treatment Prob(F)										0.0001	0.0001	0.0001	0.0001

LSU AgCenter SPESS

Strada WG for Residual Control

Trial ID:C16-22 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-22 Investigator:Eric P. Webster

Pest Code									RICE	RICE	RICE	RICE
Rating Date									May-12-2016	May-24-2016	Jun-7-2016	Jun-22-2016
Rating Type									INJURY	INJURY	INJURY	INJURY
Rating Unit									%	%	%	%
Trt-Eval Interval									15 DA EPOST	27 DA EPOST	41 DA EPOST	56 DA EPOST
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage				
1	Nontreated									0a	0a	0a	0a
2	Command	3LBA/GAL		ME	0.3	lb ai/a	12.8	oz/a	PRE	0a	0a	0a	0a
3	Strada	50%		WG	0.089	lb ai/a	2.85	oz/a	PRE	0a	0a	0a	0a
4	Strada	50%		WG	0.178	lb ai/a	5.7	oz/a	PRE	0a	0a	0a	0a
5	Strada	50%		WG	0.27	lb ai/a	8.6	oz/a	PRE	0a	0a	0a	0a
6	Command	3LBA/GAL		ME	0.3	lb ai/a	12.8	oz/a	PRE	0a	0a	0a	0a
	Strada	50%		WG	0.089	lb ai/a	2.85	oz/a	PRE				
7	Command	3LBA/GAL		ME	0.3	lb ai/a	12.8	oz/a	PRE	0a	0a	0a	0a
	Strada	50%		WG	0.089	lb ai/a	2.85	oz/a	EPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST				
LSD P=.05										.	.	.	.
Standard Deviation										0.0	0.0	0.0	0.0
CV										0.0	0.0	0.0	0.0
Replicate F										0.000	0.000	0.000	0.000
Replicate Prob(F)										1.0000	1.0000	1.0000	1.0000
Treatment F										0.000	0.000	0.000	0.000
Treatment Prob(F)										1.0000	1.0000	1.0000	1.0000

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Strada WG for Residual Control

Trial ID:C16-22 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-22 Investigator:Eric P. Webster

Pest Code									RICE	RICE	RICE	RICE
Rating Date									May-11-2016	May-11-2016	May-11-2016	May-11-2016
Rating Type									STAND COUNT	HEIGHT	HEIGHT	HEIGHT
Rating Unit									#	cm	cm	cm
Trt-Eval Interval									14 DA EPOST	14 DA EPOST	14 DA EPOST	14 DA EPOST
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage				
1	Nontreated									10a	19ab	19a	19a
2	Command	3LBA/GAL		ME	0.3	lb ai/a	12.8	oz/a	PRE	7a	18b	18ab	17a
3	Strada	50%		WG	0.089	lb ai/a	2.85	oz/a	PRE	9a	18b	16b	17a
4	Strada	50%		WG	0.178	lb ai/a	5.7	oz/a	PRE	8a	19ab	18ab	18a
5	Strada	50%		WG	0.27	lb ai/a	8.6	oz/a	PRE	11a	19ab	18ab	20a
6	Command	3LBA/GAL		ME	0.3	lb ai/a	12.8	oz/a	PRE	8a	19ab	20a	19a
	Strada	50%		WG	0.089	lb ai/a	2.85	oz/a	PRE				
7	Command	3LBA/GAL		ME	0.3	lb ai/a	12.8	oz/a	PRE	10a	21a	18ab	19a
	Strada	50%		WG	0.089	lb ai/a	2.85	oz/a	EPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST				
LSD P=.05										4.6	2.6	3.1	3.1
Standard Deviation										3.1	1.7	2.1	2.1
CV										35.04	9.18	11.51	11.49
Replicate F										0.247	7.693	2.024	6.999
Replicate Prob(F)										0.8622	0.0016	0.1465	0.0026
Treatment F										0.881	1.191	1.541	1.210
Treatment Prob(F)										0.5281	0.3548	0.2216	0.3462

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Strada WG for Residual Control

Trial ID:C16-22 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-22 Investigator:Eric P. Webster

Pest Code									RICE	RICE	RICE	RICE
Rating Date									May-11-2016	May-11-2016	Aug-22-2016	Aug-22-2016
Rating Type									HEIGHT	AVG HEIGHT	HEIGHT	HEIGHT
Rating Unit									cm	cm	cm	cm
Trt-Eval Interval									14 DA EPOST	14 DA EPOST	At Harvest	At Harvest
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage				
1	Nontreated									19a	19ab	95b	95b
2	Command	3LBA/GAL		ME	0.3	lb ai/a	12.8	oz/a	PRE	20a	18ab	109a	108a
3	Strada	50%		WG	0.089	lb ai/a	2.85	oz/a	PRE	18a	17b	96b	97b
4	Strada	50%		WG	0.178	lb ai/a	5.7	oz/a	PRE	21a	19ab	100ab	104ab
5	Strada	50%		WG	0.27	lb ai/a	8.6	oz/a	PRE	21a	19a	102ab	103ab
6	Command	3LBA/GAL		ME	0.3	lb ai/a	12.8	oz/a	PRE	21a	20a	107a	109a
	Strada	50%		WG	0.089	lb ai/a	2.85	oz/a	PRE				
7	Command	3LBA/GAL		ME	0.3	lb ai/a	12.8	oz/a	PRE	20a	19a	110a	110a
	Strada	50%		WG	0.089	lb ai/a	2.85	oz/a	EPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST				
LSD P=.05										3.6	2.0	10.6	9.7
Standard Deviation										2.5	1.4	7.1	6.6
CV										12.41	7.34	6.97	6.32
Replicate F										1.272	7.600	1.628	0.561
Replicate Prob(F)										0.3139	0.0017	0.2181	0.6476
Treatment F										0.752	1.616	2.858	3.012
Treatment Prob(F)										0.6157	0.2000	0.0390	0.0322

LSU AgCenter SPESS

Strada WG for Residual Control

Trial ID:C16-22 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-22 Investigator:Eric P. Webster

Pest Code									RICE	RICE	RICE	RICE
Rating Date									Aug-22-2016	Aug-22-2016	Aug-22-2016	Aug-25-2016
Rating Type									HEIGHT	HEIGHT	AVG HEIGHT	MOISTURE
Rating Unit									cm	cm	cm	%
Trt-Eval Interval									At Harvest	At Harvest	At Harvest	At Harvest
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage				
1	Nontreated									95b	91b	94c	16b
2	Command	3LBA/GAL		ME	0.3	lb ai/a	12.8	oz/a	PRE	108a	108a	108ab	16b
3	Strada	50%		WG	0.089	lb ai/a	2.85	oz/a	PRE	102ab	103a	99bc	16b
4	Strada	50%		WG	0.178	lb ai/a	5.7	oz/a	PRE	101ab	103a	102abc	17a
5	Strada	50%		WG	0.27	lb ai/a	8.6	oz/a	PRE	103ab	105a	103abc	17a
6	Command	3LBA/GAL		ME	0.3	lb ai/a	12.8	oz/a	PRE	110a	111a	109a	17a
	Strada	50%		WG	0.089	lb ai/a	2.85	oz/a	PRE				
7	Command	3LBA/GAL		ME	0.3	lb ai/a	12.8	oz/a	PRE	111a	107a	109a	17a
	Strada	50%		WG	0.089	lb ai/a	2.85	oz/a	EPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST				
LSD P=.05										11.4	11.1	9.7	.
Standard Deviation										7.7	7.5	6.5	0.0
CV										7.39	7.2	6.32	0.0
Replicate F										1.192	0.426	0.836	0.000
Replicate Prob(F)										0.3407	0.7368	0.4917	1.0000
Treatment F										2.085	2.886	3.009	0.000
Treatment Prob(F)										0.1061	0.0377	0.0323	1.0000

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Strada WG for Residual Control

Trial ID:C16-22 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-22 Investigator:Eric P. Webster

Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	RICE Aug-25-2016 YIELD g At Harvest	RICE Aug-25-2016 YIELD LB/A At Harvest	RICE Aug-25-2016 YIELD KG/HA At Harvest
1	Nontreated									267e	695e	778e
2	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	532cd	1385cd	1552cd
3	Strada	50%		WG	0.089	lb ai/a	2.85	oz/a	PRE	443d	1153d	1293d
4	Strada	50%		WG	0.178	lb ai/a	5.7	oz/a	PRE	707ab	1828ab	2049ab
5	Strada	50%		WG	0.27	lb ai/a	8.6	oz/a	PRE	716ab	1852ab	2076ab
6	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	626bc	1619bc	1814bc
	Strada	50%		WG	0.089	lb ai/a	2.85	oz/a	PRE			
7	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	762a	1972a	2210a
	Strada	50%		WG	0.089	lb ai/a	2.85	oz/a	EPOST			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST			
LSD P=.05										97.4	252.0	282.5
Standard Deviation										65.5	169.6	190.1
CV										11.32	11.3	11.3
Replicate F										1.904	1.908	1.908
Replicate Prob(F)										0.1652	0.1645	0.1645
Treatment F										29.312	28.988	28.988
Treatment Prob(F)										0.0001	0.0001	0.0001

LSU AgCenter
School of Plant, Environmental and Soil Sciences

Nealley's Sprangletop Competition Study

Experiment number .....: **C16-23**
Location.....: RRS-Crowley, LA
Experimental design .....: RCB
Number of reps.....: 4
Plot size.....: 5'x17'
Row width/# per plot .....: 7.5"/8
Soil type .....: Crowley silt loam (3% sand, 69% silt, 28% clay)
% OM .....: 1.4
pH .....: 6.4
CEC.....: 19.1
Crop/Variety .....: CL 111
Planting date .....: 4/6/16
Emergence date .....: 4/16/16
Harvest date .....: 8/23/16

Application type .....: DPRE
Date applied [mm/dd/yy] .....: 4/18/16
Time [hh:mm-hh:mm] .....: 9:50-9:59a
Air/Soil temperature [F].....: 74/78
Relative humidity [%] .....: 75%
Wind [mph, direction] .....: 6-10 SSE
Weather [sunny, etc].....: cloudy
Soil/Leaf surface moist .....: wet/dry
Crop stage/Height.....: NA/NA
Sprayer type/MPH .....: BKPK/3.0
Nozzle type/Size* .....: FF/110015
Boom ht/# Noz/Spacing .....: 15/5/15
GPA/PSI .....: 15/21
Applied by.....: EAB

Weed Species (population)..:- (height/#leaves) -
CNPPA(2-5m^{-2}) .....: 0.50-1"/cot
CYPES(1-3m^{-2}).....: 1-4"/3lf
BRAPP(20-75m^{-2}).....: 0.25-0.50"/1-2lf
ECHCG(50-100m^{-2}) .....: 0.25-0.50"/1-2lf
LEPNE(5-10m^{-2}) .....: 0.1-0.25"/cot
ECLAL(15-30m^{-2}).....: 0.1-0.25"/cot

Flush Dates .....: NA
Permanent Flood .....: 5/18/16

*AMFF – Air mix flat fan nozzles

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Nealley's Sprangletop Competition Study

Trial ID:C16-23 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-23 Investigator:Eric P. Webster

Pest Code	RICE	RICE	RICE	RICE	RICE	RICE	RICE	RICE
Rating Date	Aug-23-2016	Aug-23-2016	Aug-23-2016	Aug-23-2016	Aug-23-2016	Aug-23-2016	Aug-23-2016	Aug-23-2016
Rating Type	HEIGHT	HEIGHT	HEIGHT	HEIGHT	HEIGHT	HEIGHT	HEIGHT	HEIGHT
Rating Unit	cm	cm	cm	cm	cm	cm	cm	cm
Trt-Eval Interval	At Harvest	At Harvest	At Harvest	At Harvest	At Harvest	At Harvest	At Harvest	At Harvest
Trt Treatment No. Name								
1Nontreated	113a	113a	115a	114ab	112a	110b	114a	111a
21 plants/m2	111ab	110a	111a	112ab	113a	113ab	112a	112a
33 plants/m2	114a	111a	116a	114ab	115a	116a	114a	113a
47 plants/m2	111ab	111a	112a	112ab	112a	115ab	112a	112a
513 plants/m2	113ab	112a	115a	117a	114a	115ab	115a	113a
626 plants/m2	109b	111a	111a	111b	113a	112ab	112a	110a
LSD P=.05	4.4	5.0	6.1	5.6	5.9	6.0	6.3	5.9
Standard Deviation	2.9	3.3	4.1	3.7	3.9	4.0	4.2	3.9
CV	2.64	2.98	3.57	3.28	3.47	3.53	3.71	3.49
Replicate F	11.266	7.332	3.876	1.853	0.751	0.187	1.767	3.867
Replicate Prob(F)	0.0004	0.0030	0.0310	0.1809	0.5387	0.9035	0.1965	0.0312
Treatment F	1.973	0.390	1.107	1.448	0.422	1.370	0.529	0.407
Treatment Prob(F)	0.1414	0.8478	0.3975	0.2641	0.8260	0.2901	0.7509	0.8367

Means followed by same letter or symbol do not significantly differ (P=.05, LSD)

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Nealley's Sprangletop Competition Study

Trial ID:C16-23 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-23 Investigator:Eric P. Webster

Pest Code	RICE	RICE	RICE	RICE	RICE	RICE
Rating Date	Aug-23-2016	Aug-23-2016	Aug-23-2016	Aug-23-2016	Aug-23-2016	Aug-23-2016
Rating Type	AVG HEIGHT	STAND COUNT	MOISTURE	YIELD	YIELD	YIELD
Rating Unit	cm	#	%	g	LB	KG/HA
Trt-Eval Interval	At Harvest	At Harvest	At Harvest	At Harvest	At Harvest	At Harvest
Trt Treatment No. Name						
1Nontreated	113ab	12a	13a	2231a	6218a	6970a
21 plants/m2	112ab	9a	13a	1968ab	5476ab	6138ab
33 plants/m2	114a	11a	13a	2036ab	5666a	6351a
47 plants/m2	112ab	13a	14a	2025ab	5611ab	6289ab
513 plants/m2	114a	12a	14a	1767b	4887b	5477b
626 plants/m2	111b	11a	13a	2075a	5764a	6461a
LSD P=.05	3.2	7.9	1.1	278.4	773.2	866.6
Standard Deviation	2.1	5.2	0.7	184.7	513.0	575.0
CV	1.89	47.5	5.49	9.16	9.15	9.15
Replicate F	5.642	0.268	0.254	7.694	7.630	7.630
Replicate Prob(F)	0.0086	0.8474	0.8572	0.0024	0.0025	0.0025
Treatment F	1.620	0.234	0.455	2.690	2.850	2.850
Treatment Prob(F)	0.2148	0.9414	0.8033	0.0628	0.0528	0.0528

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RiceOne at Various Timings

Experiment number	**C16-28**
Location.....	RRS-Crowley, LA
Experimental design	RCB
Number of reps.....	4
Plot size.....	5'x17'
Row width/# per plot	7.5"/8
Soil type	Crowley silt loam (3% sand, 69% silt, 28% clay)
% OM	1.4
pH	6.4
CEC.....	19.1
Crop/Variety	CL 111
Planting date	4/6/16
Emergence date	4/16/16
Harvest date	NA

Application type	PRE	DPRE
Date applied [mm/dd/yy]	4/11/16	4/18/16
Time [hh:mm-hh:mm]	11:55-11:57a	10:05-10:25a
Air/Soil temperature [F].....	70/65	72/64
Relative humidity [%]	70%	78%
Wind [mph, direction].....	7-10 S	7-10 ESE
Weather [sunny, etc].....	cloudy	cloudy
Soil/Leaf surface moist	dry/NA	wet/dry
Crop stage/Height.....	NA/NA	NA/NA
Sprayer type/MPH	BKPK/3.0	BKPK/3.0
Nozzle type/Size*	FF/110015	FF/110015
Boom ht/# Noz/Spacing	15/5/15	15/5/15
GPA/PSI	15/21	15/22
Applied by.....	EAB	BMM

Weed Species (population)..:	---------- (height/#leaves) ----------
ECHCG(100-150m^{-2})	0.25-2"/1-3lf
BRAPP(20-25m^{-2}).....	0.25-2"/1-2lf
CYPES(1-5m^{-2}).....	1-2"/3lf
CYPIR(10-30m^{-2}).....	1-2"/3lf
SEBEX(3-5m^{-2}).....	1-2"/2-4lf

Flush Dates	NA
Permanent Flood	5/18/16

*AMFF – Air mix flat fan nozzles

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RiceOne at Various Rates

Trial ID:C16-28 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-28 Investigator:Eric P. Webster

Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	ECHCG	ECHCG	ECHCG	BRAPP
	Pest Code									ECHCG	ECHCG	ECHCG	BRAPP
	Rating Date									May-24-2016	Jun-7-2016	Jun-22-2016	May-24-2016
	Rating Type									CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit									%	%	%	%
	Trt-Eval Interval									36 DA DPRE	50 DA DPRE	65 DA DPRE	36 DA DPRE
1	Nontreated									0e	0f	0f	0d
2	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	51d	45d	55d	55c
3	Prowl H2O	3.8	LBA/GAL	CS	0.95	lb ai/a	32	oz/a	DPRE	73c	30e	26e	54c
4	RiceOne	3.63	LBA/GAL	CS	0.68	lb ai/a	24	oz/a	DPRE	81bc	66c	66c	85b
5	RiceOne	3.63	LBA/GAL	CS	0.91	lb ai/a	32	oz/a	DPRE	81bc	75b	78b	83b
6	RiceOne	3.63	LBA/GAL	CS	1.08	lb ai/a	38	oz/a	DPRE	88ab	79b	86a	86ab
7	RiceOne	3.63	LBA/GAL	CS	1.28	lb ai/a	45	oz/a	DPRE	91ab	81b	86a	90ab
8	RiceOne	3.63	LBA/GAL	CS	1.42	lb ai/a	50	oz/a	DPRE	94a	90a	90a	94a
	LSD P=.05									10.3	8.6	7.3	8.5
	Standard Deviation									7.0	5.9	5.0	5.8
	CV									10.05	10.07	8.13	8.44
	Replicate F									0.734	1.294	0.467	1.340
	Replicate Prob(F)									0.5432	0.3025	0.7086	0.2881
	Treatment F									79.207	110.734	171.764	119.970
	Treatment Prob(F)									0.0001	0.0001	0.0001	0.0001

Means followed by same letter or symbol do not significantly differ (P=.05, LSD)
Could not calculate LSD (% mean diff) for columns 6,7,8,12,13,14,15,16,17 because error mean square = 0.

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RiceOne at Various Rates

Trial ID:C16-28 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-28 Investigator:Eric P. Webster

Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage				
Pest Code										BRAPP	CYPES	CYPES	CYPES
Rating Date										Jun-22-2016	May-24-2016	Jun-7-2016	Jun-22-2016
Rating Type										CONTROL	CONTROL	CONTROL	CONTROL
Rating Unit										%	%	%	%
Trt-Eval Interval										65 DA DPRE	36 DA DPRE	50 DA DPRE	65 DA DPRE
1	Nontreated									0e	0a	0a	0a
2	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	45c	0a	0a	0a
3	Prowl H2O	3.8	LBA/GAL	CS	0.95	lb ai/a	32	oz/a	DPRE	33d	0a	0a	0a
4	RiceOne	3.63	LBA/GAL	CS	0.68	lb ai/a	24	oz/a	DPRE	74b	0a	0a	0a
5	RiceOne	3.63	LBA/GAL	CS	0.91	lb ai/a	32	oz/a	DPRE	88a	0a	0a	0a
6	RiceOne	3.63	LBA/GAL	CS	1.08	lb ai/a	38	oz/a	DPRE	93a	0a	0a	0a
7	RiceOne	3.63	LBA/GAL	CS	1.28	lb ai/a	45	oz/a	DPRE	94a	0a	0a	0a
8	RiceOne	3.63	LBA/GAL	CS	1.42	lb ai/a	50	oz/a	DPRE	95a	0a	0a	0a
LSD P=.05										9.5	.	.	.
Standard Deviation										6.4	0.0	0.0	0.0
CV										9.9	0.0	0.0	0.0
Replicate F										1.158	0.000	0.000	0.000
Replicate Prob(F)										0.3491	1.0000	1.0000	1.0000
Treatment F										120.820	0.000	0.000	0.000
Treatment Prob(F)										0.0001	1.0000	1.0000	1.0000

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RiceOne at Various Rates

Trial ID:C16-28 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-28 Investigator:Eric P. Webster

Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	CYPIR May-24-2016 CONTROL % 36 DA DPRE	CYPIR Jun-7-2016 CONTROL % 50 DA DPRE	CYPIR Jun-22-2016 CONTROL % 65 DA DPRE	SEBEX May-24-2016 CONTROL % 36 DA DPRE
1	Nontreated									0d	0d	0d	0a
2	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	0d	0d	0d	0a
3	Prowl H2O	3.8	LBA/GAL	CS	0.95	lb ai/a	32	oz/a	DPRE	0d	0d	0d	0a
4	RiceOne	3.63	LBA/GAL	CS	0.68	lb ai/a	24	oz/a	DPRE	0d	0d	0d	0a
5	RiceOne	3.63	LBA/GAL	CS	0.91	lb ai/a	32	oz/a	DPRE	41a	50b	60a	0a
6	RiceOne	3.63	LBA/GAL	CS	1.08	lb ai/a	38	oz/a	DPRE	29b	39c	40c	0a
7	RiceOne	3.63	LBA/GAL	CS	1.28	lb ai/a	45	oz/a	DPRE	20c	39c	44c	0a
8	RiceOne	3.63	LBA/GAL	CS	1.42	lb ai/a	50	oz/a	DPRE	30b	59a	53b	0a
LSD P=.05										1.8	2.2	5.2	.
Standard Deviation										1.2	1.5	3.5	0.0
CV										8.13	6.47	14.35	0.0
Replicate F										1.400	1.262	2.249	0.000
Replicate Prob(F)										0.2706	0.3128	0.1124	1.0000
Treatment F										778.800	1162.967	233.216	0.000
Treatment Prob(F)										0.0001	0.0001	0.0001	1.0000

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RiceOne at Various Rates

Trial ID:C16-28 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-28 Investigator:Eric P. Webster

Pest Code									SEBEX	SEBEX	RICE	RICE
Rating Date									Jun-7-2016	Jun-22-2016	May-24-2016	Jun-7-2016
Rating Type									CONTROL	CONTROL	INJURY	INJURY
Rating Unit									%	%	%	%
Trt-Eval Interval									50 DA DPRE	65 DA DPRE	36 DA DPRE	50 DA DPRE
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
1	Nontreated									0a	0a	0a	0a
2	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	0a	0a	0a	0a
3	Prowl H2O	3.8	LBA/GAL	CS	0.95	lb ai/a	32	oz/a	DPRE	0a	0a	0a	0a
4	RiceOne	3.63	LBA/GAL	CS	0.68	lb ai/a	24	oz/a	DPRE	0a	0a	0a	0a
5	RiceOne	3.63	LBA/GAL	CS	0.91	lb ai/a	32	oz/a	DPRE	0a	0a	0a	0a
6	RiceOne	3.63	LBA/GAL	CS	1.08	lb ai/a	38	oz/a	DPRE	0a	0a	0a	0a
7	RiceOne	3.63	LBA/GAL	CS	1.28	lb ai/a	45	oz/a	DPRE	0a	0a	0a	0a
8	RiceOne	3.63	LBA/GAL	CS	1.42	lb ai/a	50	oz/a	DPRE	0a	0a	0a	0a
LSD P=.05										.	.	.	.
Standard Deviation										0.0	0.0	0.0	0.0
CV										0.0	0.0	0.0	0.0
Replicate F										0.000	0.000	0.000	0.000
Replicate Prob(F)										1.0000	1.0000	1.0000	1.0000
Treatment F										0.000	0.000	0.000	0.000
Treatment Prob(F)										1.0000	1.0000	1.0000	1.0000

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RiceOne at Various Rates

Trial ID:C16-28 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-28 Investigator:Eric P. Webster

Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage				
Pest Code										RICE	RICE	RICE	RICE
Rating Date										Jun-22-2016	May-11-2016	May-11-2016	May-11-2016
Rating Type										INJURY	STAND COUNT	HEIGHT	HEIGHT
Rating Unit										%	#	cm	cm
Trt-Eval Interval										65 DA DPRE	23 DA DPRE	23 DA DPRE	23 DA DPRE
1	Nontreated									0a	14a	21a	21a
2	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	0a	12ab	19ab	20a
3	Prowl H2O	3.8	LBA/GAL	CS	0.95	lb ai/a	32	oz/a	DPRE	0a	12ab	20ab	19a
4	RiceOne	3.63	LBA/GAL	CS	0.68	lb ai/a	24	oz/a	DPRE	0a	12abc	20ab	20a
5	RiceOne	3.63	LBA/GAL	CS	0.91	lb ai/a	32	oz/a	DPRE	0a	7c	20ab	19a
6	RiceOne	3.63	LBA/GAL	CS	1.08	lb ai/a	38	oz/a	DPRE	0a	8bc	19ab	18a
7	RiceOne	3.63	LBA/GAL	CS	1.28	lb ai/a	45	oz/a	DPRE	0a	8bc	18b	18a
8	RiceOne	3.63	LBA/GAL	CS	1.42	lb ai/a	50	oz/a	DPRE	0a	8bc	18b	18a
LSD P=.05										.	4.7	3.4	2.9
Standard Deviation										0.0	3.2	2.3	2.0
CV										0.0	31.89	12.08	10.4
Replicate F										0.000	1.365	0.721	0.253
Replicate Prob(F)										1.0000	0.2807	0.5507	0.8583
Treatment F										0.000	2.900	1.339	1.139
Treatment Prob(F)										1.0000	0.0275	0.2816	0.3774

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RiceOne at Various Rates

Trial ID:C16-28 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-28 Investigator:Eric P. Webster

Pest Code									RICE	RICE	RICE	RICE
Rating Date									May-11-2016	May-11-2016	May-11-2016	Aug-22-2016
Rating Type									HEIGHT	HEIGHT	3	HEIGHT
Rating Unit									cm	cm	cm	cm
Trt-Eval Interval									23 DA DPRE	23 DA DPRE	23 DA DPRE	At Harvest
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage				
1	Nontreated									19a	21a	21a	98b
2	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	21a	21a	20ab	105ab
3	Prowl H2O	3.8	LBA/GAL	CS	0.95	lb ai/a	32	oz/a	DPRE	20a	20a	20abc	111a
4	RiceOne	3.63	LBA/GAL	CS	0.68	lb ai/a	24	oz/a	DPRE	19a	20a	20abc	112a
5	RiceOne	3.63	LBA/GAL	CS	0.91	lb ai/a	32	oz/a	DPRE	18a	19a	19abc	114a
6	RiceOne	3.63	LBA/GAL	CS	1.08	lb ai/a	38	oz/a	DPRE	20a	19a	19abc	115a
7	RiceOne	3.63	LBA/GAL	CS	1.28	lb ai/a	45	oz/a	DPRE	18a	18a	18c	114a
8	RiceOne	3.63	LBA/GAL	CS	1.42	lb ai/a	50	oz/a	DPRE	20a	18a	18bc	112a
LSD P=.05										3.2	3.7	1.8	10.4
Standard Deviation										2.1	2.5	1.3	7.1
CV										11.13	12.83	6.48	6.43
Replicate F										0.767	0.192	0.141	0.274
Replicate Prob(F)										0.5252	0.9009	0.9342	0.8435
Treatment F										0.659	0.904	1.917	2.649
Treatment Prob(F)										0.7038	0.5221	0.1174	0.0395

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RiceOne at Various Rates

Trial ID:C16-28 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-28 Investigator:Eric P. Webster

Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage				
Pest Code										RICE	RICE	RICE	RICE
Rating Date										Aug-22-2016	Aug-22-2016	Aug-22-2016	Aug-22-2016
Rating Type										HEIGHT	HEIGHT	HEIGHT	AVG HEIGHT
Rating Unit										cm	cm	cm	cm
Trt-Eval Interval										At Harvest	At Harvest	At Harvest	At Harvest
1	Nontreated									95d	100b	100c	98c
2	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	107bc	109ab	104bc	106bc
3	Prowl H2O	3.8	LBA/GAL	CS	0.95	lb ai/a	32	oz/a	DPRE	106c	108ab	110abc	109ab
4	RiceOne	3.63	LBA/GAL	CS	0.68	lb ai/a	24	oz/a	DPRE	110abc	112a	110abc	111ab
5	RiceOne	3.63	LBA/GAL	CS	0.91	lb ai/a	32	oz/a	DPRE	118a	115a	115ab	115ab
6	RiceOne	3.63	LBA/GAL	CS	1.08	lb ai/a	38	oz/a	DPRE	117a	115a	116a	116a
7	RiceOne	3.63	LBA/GAL	CS	1.28	lb ai/a	45	oz/a	DPRE	114ab	116a	114ab	115ab
8	RiceOne	3.63	LBA/GAL	CS	1.42	lb ai/a	50	oz/a	DPRE	115ab	116a	112ab	114ab
LSD P=.05										7.8	11.8	11.7	9.5
Standard Deviation										5.3	8.0	8.0	6.5
CV										4.79	7.19	7.25	5.88
Replicate F										0.363	0.466	1.920	0.700
Replicate Prob(F)										0.7805	0.7092	0.1573	0.5624
Treatment F										8.259	1.957	2.098	3.456
Treatment Prob(F)										0.0001	0.1105	0.0894	0.0128

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Addition of Aim vs Sharpen in Program Study

Experiment number	**C16-31**
Location.....	RRS-Crowley, LA
Experimental design	RCB
Number of reps.....	4
Plot size.....	5'x17'
Row width/# per plot	7.5"/8
Soil type	Crowley silt loam (3% sand, 69% silt, 28% clay)
% OM	1.4
pH	6.4
CEC.....	19.1
Crop/Variety	CL 111
Planting date	4/6/16
Emergence date	4/16/16
Harvest date	NA

Application type	PRE	VEPOST	EPOST	LPOST
Date applied [mm/dd/yy]	4/11/16	4/25/16	4/27/16	5/10/16
Time [hh:mm-hh:mm]	12:05-12:15p	10:50-11:00a	8:26-8:32a	10:30-10:38a
Air/Soil temperature [F].....	78/65	80/72	74/72	80/78
Relative humidity [%]	70%	65%	80%	70%
Wind [mph, direction].....	7-10, S	5-7, SSE	8-10, SSE	14, SSE
Weather [sunny, etc].....	cloudy	pt. cloudy	cloudy	pt. cloudy
Soil/Leaf surface moist	dry/NA	wet/dry	dry/dry	dry/dry
Crop stage/Height.....	NA/NA	1-2lf/2-4"	2-3lf/3-4"	4-5lf/6-8"
Sprayer type/MPH	BKPK/3.0	BKPK/3.0	BKPK/3.0	BKPK/3.0
Nozzle type/Size*	FF/110015	FF/110015	FF/110015	FF/110015
Boom ht/# Noz/Spacing	15/5/15	15/5/15	15/5/15	15/5/15
GPA/PSI.....	15/21	15/22	15/21	15/21
Applied by.....	EAB	EPW	EPW	BMM

Weed Species (population)..:	---------- (height/#leaves) ----------			
ALRPH(5-20m^{-2}).....		1-4"/5-14lf	3-12"/4-20lf	2-16"/5-40lf
CYPIR(20-40m^{-2}).....		0.25-0.5"/1lf	2-5"/3-6lf	4-6"/3-9lf
ECHCG(15-30m^{-2}).....		0.5-1"/1-2lf	2-4"/2-3lf	3-5"/4-5lf
CYPES(2-20m^{-2}).....		0.5-1"/1-3lf	1-4"/3-6lf	2-6"/3-6lf

Flush Dates	NA
Permanent Flood	5/18/16

*AMFF – Air mix flat fan nozzles

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Addition of Aim vs Sharpen in Program Study

Trial ID:C16-31 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-31 Investigator:Eric P. Webster

Pest Code								CYPES	CYPES	CYPES	CYPES
Rating Date								May-12-2016	May-24-2016	Jun-7-2016	Jun-21-2016
Rating Type								CONTROL	CONTROL	CONTROL	CONTROL
Rating Unit								%	%	%	%
Trt-Eval Interval								16 DA EPOST	14 DA LPOST	28 DA LPOST	42 DA LPOST
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage				
1	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	0d	0d	0c	0c
2	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	20b	89ab	88ab	90ab
	Newpath	2	LBA/GAL	L	0.0625	lb ai/a	4	oz/a	VEPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	VEPOST				
	Newpath	2	LBA/GAL	L	0.0625	lb ai/a	4	oz/a	LPOST				
	Aim	2	LBA/GAL	EC	0.0195	lb ai/a	1.25	oz/a	LPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	LPOST				
3	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	20b	87ab	89ab	87b
	Newpath	2	LBA/GAL	L	0.0625	lb ai/a	4	oz/a	VEPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	VEPOST				
	Newpath	2	LBA/GAL	L	0.0625	lb ai/a	4	oz/a	LPOST				
	Sharpen	2.85	LBA/GAL	SC	0.0223	lb ai/a	1	oz/a	LPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	LPOST				
4	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	20b	84b	85ab	91a
	Newpath	2	LBA/GAL	L	0.0625	lb ai/a	4	oz/a	VEPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	VEPOST				
	Newpath	2	LBA/GAL	L	0.0625	lb ai/a	4	oz/a	LPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	LPOST				
5	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	26a	91a	84b	91a
	Newpath	2	LBA/GAL	L	0.0625	lb ai/a	4	oz/a	VEPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	VEPOST				
	Newpath	2	LBA/GAL	L	0.0625	lb ai/a	4	oz/a	LPOST				
	Command	3	LBA/GAL	ME	0.403	lb ai/a	17.2	oz/a	LPOST				
	Aim	2	LBA/GAL	EC	0.0195	lb ai/a	1.25	oz/a	LPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	LPOST				
6	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	26a	91a	91a	90ab
	Newpath	2	LBA/GAL	L	0.0625	lb ai/a	4	oz/a	VEPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	VEPOST				
	Newpath	2	LBA/GAL	L	0.0625	lb ai/a	4	oz/a	LPOST				
	Command	3	LBA/GAL	ME	0.403	lb ai/a	17.2	oz/a	LPOST				
	Sharpen	2.85	LBA/GAL	SC	0.0223	lb ai/a	1	oz/a	LPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	LPOST				
7	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	0d	76c	88ab	90ab
	Newpath	2	LBA/GAL	L	0.0625	lb ai/a	4	oz/a	VEPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	VEPOST				
	Newpath	2	LBA/GAL	L	0.0625	lb ai/a	4	oz/a	LPOST				
	Command	3	LBA/GAL	ME	0.403	lb ai/a	17.2	oz/a	LPOST				
8	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	0d	0d	0c	0c
	RiceBeaux	6	LBA/GAL	L	3	lb ai/a	64	oz/a	EPOST				
	Aim	2	LBA/GAL	EC	0.0195	lb ai/a	1.25	oz/a	EPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST				
9	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	0d	0d	0c	0c
	RiceBeaux	6	LBA/GAL	L	3	lb ai/a	64	oz/a	EPOST				
	Sharpen	2.85	LBA/GAL	SC	0.0223	lb ai/a	1	oz/a	EPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST				
10	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	0d	0d	0c	0c
	RiceBeaux	6	LBA/GAL	L	3	lb ai/a	64	oz/a	EPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST				

Means followed by same letter or symbol do not significantly differ (P=.05, LSD)

LSU AgCenter SPESS

Addition of Aim vs Sharpen in Program Study

Trial ID:C16-31 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-31 Investigator:Eric P. Webster

Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	CYPES May-12-2016 CONTROL % 16 DA EPOST	CYPES May-24-2016 CONTROL % 14 DA LPOST	CYPES Jun-7-2016 CONTROL % 28 DA LPOST	CYPES Jun-21-2016 CONTROL % 42 DA LPOST
11	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	0d	0d	0c	0c
	Command	3	LBA/GAL	ME	0.403	lb ai/a	17.2	oz/a	EPOST				
	RiceBeaux	6	LBA/GAL	L	3	lb ai/a	64	oz/a	EPOST				
	Aim	2	LBA/GAL	EC	0.0195	lb ai/a	1.25	oz/a	EPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST				
12	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	20b	0d	0c	0c
	Command	3	LBA/GAL	ME	0.403	lb ai/a	17.2	oz/a	EPOST				
	RiceBeaux	6	LBA/GAL	L	3	lb ai/a	64	oz/a	EPOST				
	Sharpen	2.85	LBA/GAL	SC	0.0223	lb ai/a	1	oz/a	EPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST				
13	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	10c	0d	0c	0c
	Command	3	LBA/GAL	ME	0.403	lb ai/a	17.2	oz/a	EPOST				
	RiceBeaux	6	LBA/GAL	L	3	lb ai/a	64	oz/a	EPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST				
LSD P=.05										2.1	5.5	6.5	3.4
Standard Deviation										1.5	3.9	4.6	2.3
CV										13.42	9.69	11.34	5.65
Replicate F										1.481	1.137	0.883	1.620
Replicate Prob(F)										0.2359	0.3473	0.4588	0.2018
Treatment F										233.593	542.128	393.953	1585.824
Treatment Prob(F)										0.0001	0.0001	0.0001	0.0001

LSU AgCenter SPESS

Addition of Aim vs Sharpen in Program Study

Trial ID:C16-31 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-31 Investigator:Eric P. Webster

Pest Code									CYPIR	CYPIR	CYPIR	ALRPH
Rating Date									May-12-2016	May-24-2016	Jun-7-2016	May-12-2016
Rating Type									CONTROL	CONTROL	CONTROL	CONTROL
Rating Unit									%	%	%	%
Trt-Eval Interval									16 DA EPOST	14 DA LPOST	28 DA LPOST	16 DA EPOST
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage				
1	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	0e	0c	0c	0f
2	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	40a	89ab	88ab	36c
	Newpath	2	LBA/GAL	L	0.0625	lb ai/a	4	oz/a	VEPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	VEPOST				
	Newpath	2	LBA/GAL	L	0.0625	lb ai/a	4	oz/a	LPOST				
	Aim	2	LBA/GAL	EC	0.0195	lb ai/a	1.25	oz/a	LPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	LPOST				
3	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	21d	86ab	91a	40b
	Newpath	2	LBA/GAL	L	0.0625	lb ai/a	4	oz/a	VEPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	VEPOST				
	Newpath	2	LBA/GAL	L	0.0625	lb ai/a	4	oz/a	LPOST				
	Sharpen	2.85	LBA/GAL	SC	0.0223	lb ai/a	1	oz/a	LPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	LPOST				
4	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	28bc	84ab	85b	20e
	Newpath	2	LBA/GAL	L	0.0625	lb ai/a	4	oz/a	VEPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	VEPOST				
	Newpath	2	LBA/GAL	L	0.0625	lb ai/a	4	oz/a	LPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	LPOST				
5	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	24cd	90a	83b	40b
	Newpath	2	LBA/GAL	L	0.0625	lb ai/a	4	oz/a	VEPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	VEPOST				
	Newpath	2	LBA/GAL	L	0.0625	lb ai/a	4	oz/a	LPOST				
	Command	3	LBA/GAL	ME	0.403	lb ai/a	17.2	oz/a	LPOST				
	Aim	2	LBA/GAL	EC	0.0195	lb ai/a	1.25	oz/a	LPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	LPOST				
6	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	21d	90a	91a	50a
	Newpath	2	LBA/GAL	L	0.0625	lb ai/a	4	oz/a	VEPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	VEPOST				
	Newpath	2	LBA/GAL	L	0.0625	lb ai/a	4	oz/a	LPOST				
	Command	3	LBA/GAL	ME	0.403	lb ai/a	17.2	oz/a	LPOST				
	Sharpen	2.85	LBA/GAL	SC	0.0223	lb ai/a	1	oz/a	LPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	LPOST				
7	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	28bc	82b	87ab	24d
	Newpath	2	LBA/GAL	L	0.0625	lb ai/a	4	oz/a	VEPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	VEPOST				
	Newpath	2	LBA/GAL	L	0.0625	lb ai/a	4	oz/a	LPOST				
	Command	3	LBA/GAL	ME	0.403	lb ai/a	17.2	oz/a	LPOST				
8	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	29b	0c	0c	20e
	RiceBeaux	6	LBA/GAL	L	3	lb ai/a	64	oz/a	EPOST				
	Aim	2	LBA/GAL	EC	0.0195	lb ai/a	1.25	oz/a	EPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST				
9	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	31b	0c	0c	0f
	RiceBeaux	6	LBA/GAL	L	3	lb ai/a	64	oz/a	EPOST				
	Sharpen	2.85	LBA/GAL	SC	0.0223	lb ai/a	1	oz/a	EPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST				
10	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	28bc	0c	0c	0f
	RiceBeaux	6	LBA/GAL	L	3	lb ai/a	64	oz/a	EPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST				

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Addition of Aim vs Sharpen in Program Study

Trial ID:C16-31 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-31 Investigator:Eric P. Webster

Pest Code										CYPIR	CYPIR	CYPIR	ALRPH
Rating Date										May-12-2016	May-24-2016	Jun-7-2016	May-12-2016
Rating Type										CONTROL	CONTROL	CONTROL	CONTROL
Rating Unit										%	%	%	%
Trt-Eval Interval										16 DA EPOST	14 DA LPOST	28 DA LPOST	16 DA EPOST
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage				
11	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	21d	0c	0c	0f
	Command	3	LBA/GAL	ME	0.403	lb ai/a	17.2	oz/a	EPOST				
	RiceBeaux	6	LBA/GAL	L	3	lb ai/a	64	oz/a	EPOST				
	Aim	2	LBA/GAL	EC	0.0195	lb ai/a	1.25	oz/a	EPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST				
12	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	38a	0c	0c	0f
	Command	3	LBA/GAL	ME	0.403	lb ai/a	17.2	oz/a	EPOST				
	RiceBeaux	6	LBA/GAL	L	3	lb ai/a	64	oz/a	EPOST				
	Sharpen	2.85	LBA/GAL	SC	0.0223	lb ai/a	1	oz/a	EPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST				
13	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	31b	0c	0c	20e
	Command	3	LBA/GAL	ME	0.403	lb ai/a	17.2	oz/a	EPOST				
	RiceBeaux	6	LBA/GAL	L	3	lb ai/a	64	oz/a	EPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST				
LSD P=.05										5.0	6.9	5.6	3.2
Standard Deviation										3.5	4.8	3.9	2.3
CV										13.26	12.04	9.71	11.74
Replicate F										1.436	3.560	0.364	0.251
Replicate Prob(F)										0.2483	0.0236	0.7796	0.8599
Treatment F										32.007	349.785	537.629	259.429
Treatment Prob(F)										0.0001	0.0001	0.0001	0.0001

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Addition of Aim vs Sharpen in Program Study

Trial ID:C16-31 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-31 Investigator:Eric P. Webster

Pest Code									ALRPH	ALRPH	ALRPH	ECHCG
Rating Date									May-24-2016	Jun-7-2016	Jun-21-2016	Jun-7-2016
Rating Type									CONTROL	CONTROL	CONTROL	CONTROL
Rating Unit									%	%	%	%
Trt-Eval Interval									14 DA LPOST	28 DA LPOST	42 DA LPOST	28 DA LPOST
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
1	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	0g	0a	0a	0f
2	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	73b	0a	0a	80cde
	Newpath	2	LBA/GAL	L	0.0625	lb ai/a	4	oz/a	VEPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	VEPOST				
	Newpath	2	LBA/GAL	L	0.0625	lb ai/a	4	oz/a	LPOST				
	Aim	2	LBA/GAL	EC	0.0195	lb ai/a	1.25	oz/a	LPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	LPOST				
3	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	65c	0a	0a	78de
	Newpath	2	LBA/GAL	L	0.0625	lb ai/a	4	oz/a	VEPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	VEPOST				
	Newpath	2	LBA/GAL	L	0.0625	lb ai/a	4	oz/a	LPOST				
	Sharpen	2.85	LBA/GAL	SC	0.0223	lb ai/a	1	oz/a	LPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	LPOST				
4	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	43d	0a	0a	88ab
	Newpath	2	LBA/GAL	L	0.0625	lb ai/a	4	oz/a	VEPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	VEPOST				
	Newpath	2	LBA/GAL	L	0.0625	lb ai/a	4	oz/a	LPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	LPOST				
5	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	71b	0a	0a	88ab
	Newpath	2	LBA/GAL	L	0.0625	lb ai/a	4	oz/a	VEPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	VEPOST				
	Newpath	2	LBA/GAL	L	0.0625	lb ai/a	4	oz/a	LPOST				
	Command	3	LBA/GAL	ME	0.403	lb ai/a	17.2	oz/a	LPOST				
	Aim	2	LBA/GAL	EC	0.0195	lb ai/a	1.25	oz/a	LPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	LPOST				
6	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	80a	0a	0a	80cde
	Newpath	2	LBA/GAL	L	0.0625	lb ai/a	4	oz/a	VEPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	VEPOST				
	Newpath	2	LBA/GAL	L	0.0625	lb ai/a	4	oz/a	LPOST				
	Command	3	LBA/GAL	ME	0.403	lb ai/a	17.2	oz/a	LPOST				
	Sharpen	2.85	LBA/GAL	SC	0.0223	lb ai/a	1	oz/a	LPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	LPOST				
7	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	20f	0a	0a	76e
	Newpath	2	LBA/GAL	L	0.0625	lb ai/a	4	oz/a	VEPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	VEPOST				
	Newpath	2	LBA/GAL	L	0.0625	lb ai/a	4	oz/a	LPOST				
	Command	3	LBA/GAL	ME	0.403	lb ai/a	17.2	oz/a	LPOST				
8	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	20f	0a	0a	86abc
	RiceBeaux	6	LBA/GAL	L	3	lb ai/a	64	oz/a	EPOST				
	Aim	2	LBA/GAL	EC	0.0195	lb ai/a	1.25	oz/a	EPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST				
9	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	18f	0a	0a	84a-d
	RiceBeaux	6	LBA/GAL	L	3	lb ai/a	64	oz/a	EPOST				
	Sharpen	2.85	LBA/GAL	SC	0.0223	lb ai/a	1	oz/a	EPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST				
10	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	0g	0a	0a	81b-e
	RiceBeaux	6	LBA/GAL	L	3	lb ai/a	64	oz/a	EPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST				

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Addition of Aim vs Sharpen in Program Study

Trial ID:C16-31 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-31 Investigator:Eric P. Webster

Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	ALRPH May-24-2016 CONTROL % 14 DA LPOST	ALRPH Jun-7-2016 CONTROL % 28 DA LPOST	ALRPH Jun-21-2016 CONTROL % 42 DA LPOST	ECHCG Jun-7-2016 CONTROL % 28 DA LPOST
11	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	34e	0a	0a	79de
	Command	3	LBA/GAL	ME	0.403	lb ai/a	17.2	oz/a	EPOST				
	RiceBeaux	6	LBA/GAL	L	3	lb ai/a	64	oz/a	EPOST				
	Aim	2	LBA/GAL	EC	0.0195	lb ai/a	1.25	oz/a	EPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST				
12	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	0g	0a	0a	78de
	Command	3	LBA/GAL	ME	0.403	lb ai/a	17.2	oz/a	EPOST				
	RiceBeaux	6	LBA/GAL	L	3	lb ai/a	64	oz/a	EPOST				
	Sharpen	2.85	LBA/GAL	SC	0.0223	lb ai/a	1	oz/a	EPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST				
13	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	0g	0a	0a	89a
	Command	3	LBA/GAL	ME	0.403	lb ai/a	17.2	oz/a	EPOST				
	RiceBeaux	6	LBA/GAL	L	3	lb ai/a	64	oz/a	EPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST				
LSD P=.05										6.0	.	.	6.8
Standard Deviation										4.2	0.0	0.0	4.8
CV										12.95	0.0	0.0	6.28
Replicate F										0.471	0.000	0.000	0.678
Replicate Prob(F)										0.7047	1.0000	1.0000	0.5710
Treatment F										212.294	0.000	0.000	94.654
Treatment Prob(F)										0.0001	1.0000	1.0000	0.0001

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Addition of Aim vs Sharpen in Program Study

Trial ID:C16-31 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-31 Investigator:Eric P. Webster

Pest Code									ECHCG	RICE	RICE	RICE
Rating Date									Jun-21-2016	May-12-2016	May-24-2016	Jun-7-2016
Rating Type									CONTROL	INJURY	INJURY	INJURY
Rating Unit									%	%	%	%
Trt-Eval Interval									42 DA LPOST	16 DA EPOST	14 DA LPOST	28 DA LPOST
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
1	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	0c	0d	0a	0a
2	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	84a	0d	0a	0a
	Newpath	2	LBA/GAL	L	0.0625	lb ai/a	4	oz/a	VEPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	VEPOST				
	Newpath	2	LBA/GAL	L	0.0625	lb ai/a	4	oz/a	LPOST				
	Aim	2	LBA/GAL	EC	0.0195	lb ai/a	1.25	oz/a	LPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	LPOST				
3	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	71b	10b	0a	0a
	Newpath	2	LBA/GAL	L	0.0625	lb ai/a	4	oz/a	VEPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	VEPOST				
	Newpath	2	LBA/GAL	L	0.0625	lb ai/a	4	oz/a	LPOST				
	Sharpen	2.85	LBA/GAL	SC	0.0223	lb ai/a	1	oz/a	LPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	LPOST				
4	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	89a	0d	0a	0a
	Newpath	2	LBA/GAL	L	0.0625	lb ai/a	4	oz/a	VEPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	VEPOST				
	Newpath	2	LBA/GAL	L	0.0625	lb ai/a	4	oz/a	LPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	LPOST				
5	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	89a	0d	0a	0a
	Newpath	2	LBA/GAL	L	0.0625	lb ai/a	4	oz/a	VEPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	VEPOST				
	Newpath	2	LBA/GAL	L	0.0625	lb ai/a	4	oz/a	LPOST				
	Command	3	LBA/GAL	ME	0.403	lb ai/a	17.2	oz/a	LPOST				
	Aim	2	LBA/GAL	EC	0.0195	lb ai/a	1.25	oz/a	LPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	LPOST				
6	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	89a	0d	0a	0a
	Newpath	2	LBA/GAL	L	0.0625	lb ai/a	4	oz/a	VEPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	VEPOST				
	Newpath	2	LBA/GAL	L	0.0625	lb ai/a	4	oz/a	LPOST				
	Command	3	LBA/GAL	ME	0.403	lb ai/a	17.2	oz/a	LPOST				
	Sharpen	2.85	LBA/GAL	SC	0.0223	lb ai/a	1	oz/a	LPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	LPOST				
7	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	89a	5c	0a	0a
	Newpath	2	LBA/GAL	L	0.0625	lb ai/a	4	oz/a	VEPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	VEPOST				
	Newpath	2	LBA/GAL	L	0.0625	lb ai/a	4	oz/a	LPOST				
	Command	3	LBA/GAL	ME	0.403	lb ai/a	17.2	oz/a	LPOST				
8	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	90a	10b	0a	0a
	RiceBeaux	6	LBA/GAL	L	3	lb ai/a	64	oz/a	EPOST				
	Aim	2	LBA/GAL	EC	0.0195	lb ai/a	1.25	oz/a	EPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST				
9	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	86a	0d	0a	0a
	RiceBeaux	6	LBA/GAL	L	3	lb ai/a	64	oz/a	EPOST				
	Sharpen	2.85	LBA/GAL	SC	0.0223	lb ai/a	1	oz/a	EPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST				
10	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	84a	0d	0a	0a
	RiceBeaux	6	LBA/GAL	L	3	lb ai/a	64	oz/a	EPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST				

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Addition of Aim vs Sharpen in Program Study

Trial ID:C16-31 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-31 Investigator:Eric P. Webster

Pest Code											ECHCG	RICE	RICE	RICE
Rating Date											Jun-21-2016	May-12-2016	May-24-2016	Jun-7-2016
Rating Type											CONTROL	INJURY	INJURY	INJURY
Rating Unit											%	%	%	%
Trt-Eval Interval											42 DA LPOST	16 DA EPOST	14 DA LPOST	28 DA LPOST
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage					
11	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE		91a	11a	0a	0a
	Command	3	LBA/GAL	ME	0.403	lb ai/a	17.2	oz/a	EPOST					
	RiceBeaux	6	LBA/GAL	L	3	lb ai/a	64	oz/a	EPOST					
	Aim	2	LBA/GAL	EC	0.0195	lb ai/a	1.25	oz/a	EPOST					
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST					
12	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE		88a	10b	0a	0a
	Command	3	LBA/GAL	ME	0.403	lb ai/a	17.2	oz/a	EPOST					
	RiceBeaux	6	LBA/GAL	L	3	lb ai/a	64	oz/a	EPOST					
	Sharpen	2.85	LBA/GAL	SC	0.0223	lb ai/a	1	oz/a	EPOST					
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST					
13	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE		89a	10b	0a	0a
	Command	3	LBA/GAL	ME	0.403	lb ai/a	17.2	oz/a	EPOST					
	RiceBeaux	6	LBA/GAL	L	3	lb ai/a	64	oz/a	EPOST					
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST					
LSD P=.05											8.2	1.0	.	.
Standard Deviation											5.7	0.7	0.0	0.0
CV											7.2	16.02	0.0	0.0
Replicate F											4.914	1.000	0.000	0.000
Replicate Prob(F)											0.0058	0.4040	1.0000	1.0000
Treatment F											72.852	213.667	0.000	0.000
Treatment Prob(F)											0.0001	0.0001	1.0000	1.0000

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Addition of Aim vs Sharpen in Program Study

Trial ID:C16-31 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-31 Investigator:Eric P. Webster

Pest Code									RICE	RICE	RICE	RICE
Rating Date									Jun-21-2016	Aug-10-2016	Aug-10-2016	Aug-10-2016
Rating Type									INJURY	HEIGHT	HEIGHT	HEIGHT
Rating Unit									%	cm	cm	cm
Trt-Eval Interval									42 DA LPOST	At Harvest	At Harvest	At Harvest
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
1	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	0a	104bc	105c	105c
2	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	0a	113ab	110abc	107bc
	Newpath	2	LBA/GAL	L	0.0625	lb ai/a	4	oz/a	VEPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	VEPOST				
	Newpath	2	LBA/GAL	L	0.0625	lb ai/a	4	oz/a	LPOST				
	Aim	2	LBA/GAL	EC	0.0195	lb ai/a	1.25	oz/a	LPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	LPOST				
3	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	0a	114a	115a	111abc
	Newpath	2	LBA/GAL	L	0.0625	lb ai/a	4	oz/a	VEPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	VEPOST				
	Newpath	2	LBA/GAL	L	0.0625	lb ai/a	4	oz/a	LPOST				
	Sharpen	2.85	LBA/GAL	SC	0.0223	lb ai/a	1	oz/a	LPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	LPOST				
4	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	0a	113ab	113ab	115a
	Newpath	2	LBA/GAL	L	0.0625	lb ai/a	4	oz/a	VEPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	VEPOST				
	Newpath	2	LBA/GAL	L	0.0625	lb ai/a	4	oz/a	LPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	LPOST				
5	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	0a	110ab	112abc	111abc
	Newpath	2	LBA/GAL	L	0.0625	lb ai/a	4	oz/a	VEPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	VEPOST				
	Newpath	2	LBA/GAL	L	0.0625	lb ai/a	4	oz/a	LPOST				
	Command	3	LBA/GAL	ME	0.403	lb ai/a	17.2	oz/a	LPOST				
	Aim	2	LBA/GAL	EC	0.0195	lb ai/a	1.25	oz/a	LPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	LPOST				
6	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	0a	112ab	112abc	111abc
	Newpath	2	LBA/GAL	L	0.0625	lb ai/a	4	oz/a	VEPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	VEPOST				
	Newpath	2	LBA/GAL	L	0.0625	lb ai/a	4	oz/a	LPOST				
	Command	3	LBA/GAL	ME	0.403	lb ai/a	17.2	oz/a	LPOST				
	Sharpen	2.85	LBA/GAL	SC	0.0223	lb ai/a	1	oz/a	LPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	LPOST				
7	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	0a	113ab	112abc	111abc
	Newpath	2	LBA/GAL	L	0.0625	lb ai/a	4	oz/a	VEPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	VEPOST				
	Newpath	2	LBA/GAL	L	0.0625	lb ai/a	4	oz/a	LPOST				
	Command	3	LBA/GAL	ME	0.403	lb ai/a	17.2	oz/a	LPOST				
8	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	0a	111ab	115a	111abc
	RiceBeaux	6	LBA/GAL	L	3	lb ai/a	64	oz/a	EPOST				
	Aim	2	LBA/GAL	EC	0.0195	lb ai/a	1.25	oz/a	EPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST				
9	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	0a	100c	107bc	108abc
	RiceBeaux	6	LBA/GAL	L	3	lb ai/a	64	oz/a	EPOST				
	Sharpen	2.85	LBA/GAL	SC	0.0223	lb ai/a	1	oz/a	EPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST				
10	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	0a	111ab	109abc	107bc
	RiceBeaux	6	LBA/GAL	L	3	lb ai/a	64	oz/a	EPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST				

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Addition of Aim vs Sharpen in Program Study

Trial ID:C16-31 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-31 Investigator:Eric P. Webster

Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	RICE Jun-21-2016 INJURY % 42 DA LPOST	RICE Aug-10-2016 HEIGHT cm At Harvest	RICE Aug-10-2016 HEIGHT cm At Harvest	RICE Aug-10-2016 HEIGHT cm At Harvest
11	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	0a	111ab	109abc	107bc
	Command	3	LBA/GAL	ME	0.403	lb ai/a	17.2	oz/a	EPOST				
	RiceBeaux	6	LBA/GAL	L	3	lb ai/a	64	oz/a	EPOST				
	Aim	2	LBA/GAL	EC	0.0195	lb ai/a	1.25	oz/a	EPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST				
12	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	0a	111ab	111abc	113ab
	Command	3	LBA/GAL	ME	0.403	lb ai/a	17.2	oz/a	EPOST				
	RiceBeaux	6	LBA/GAL	L	3	lb ai/a	64	oz/a	EPOST				
	Sharpen	2.85	LBA/GAL	SC	0.0223	lb ai/a	1	oz/a	EPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST				
13	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	0a	109abc	110abc	108abc
	Command	3	LBA/GAL	ME	0.403	lb ai/a	17.2	oz/a	EPOST				
	RiceBeaux	6	LBA/GAL	L	3	lb ai/a	64	oz/a	EPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST				
LSD P=.05										.	9.2	7.6	7.3
Standard Deviation										0.0	6.4	5.3	5.1
CV										0.0	5.84	4.81	4.69
Replicate F										0.000	2.216	2.313	0.592
Replicate Prob(F)										1.0000	0.1031	0.0924	0.6245
Treatment F										0.000	1.465	1.159	1.241
Treatment Prob(F)										1.0000	0.1829	0.3473	0.2947

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Addition of Aim vs Sharpen in Program Study

Trial ID:C16-31 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-31 Investigator:Eric P. Webster

Pest Code									RICE	RICE
Rating Date									Aug-10-2016	Aug-10-2016
Rating Type									HEIGHT	AVG HEIGHT
Rating Unit									cm	cm
Trt-Eval Interval									At Harvest	At Harvest
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage		
1	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	108a	105c
2	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	112a	110abc
	Newpath	2	LBA/GAL	L	0.0625	lb ai/a	4	oz/a	VEPOST		
	Agri-Dex	100%		L	1%	v/v	1%	v/v	VEPOST		
	Newpath	2	LBA/GAL	L	0.0625	lb ai/a	4	oz/a	LPOST		
	Aim	2	LBA/GAL	EC	0.0195	lb ai/a	1.25	oz/a	LPOST		
	Agri-Dex	100%		L	1%	v/v	1%	v/v	LPOST		
3	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	112a	113a
	Newpath	2	LBA/GAL	L	0.0625	lb ai/a	4	oz/a	VEPOST		
	Agri-Dex	100%		L	1%	v/v	1%	v/v	VEPOST		
	Newpath	2	LBA/GAL	L	0.0625	lb ai/a	4	oz/a	LPOST		
	Sharpen	2.85	LBA/GAL	SC	0.0223	lb ai/a	1	oz/a	LPOST		
	Agri-Dex	100%		L	1%	v/v	1%	v/v	LPOST		
4	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	114a	113a
	Newpath	2	LBA/GAL	L	0.0625	lb ai/a	4	oz/a	VEPOST		
	Agri-Dex	100%		L	1%	v/v	1%	v/v	VEPOST		
	Newpath	2	LBA/GAL	L	0.0625	lb ai/a	4	oz/a	LPOST		
	Agri-Dex	100%		L	1%	v/v	1%	v/v	LPOST		
5	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	112a	111abc
	Newpath	2	LBA/GAL	L	0.0625	lb ai/a	4	oz/a	VEPOST		
	Agri-Dex	100%		L	1%	v/v	1%	v/v	VEPOST		
	Newpath	2	LBA/GAL	L	0.0625	lb ai/a	4	oz/a	LPOST		
	Command	3	LBA/GAL	ME	0.403	lb ai/a	17.2	oz/a	LPOST		
	Aim	2	LBA/GAL	EC	0.0195	lb ai/a	1.25	oz/a	LPOST		
	Agri-Dex	100%		L	1%	v/v	1%	v/v	LPOST		
6	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	111a	112abc
	Newpath	2	LBA/GAL	L	0.0625	lb ai/a	4	oz/a	VEPOST		
	Agri-Dex	100%		L	1%	v/v	1%	v/v	VEPOST		
	Newpath	2	LBA/GAL	L	0.0625	lb ai/a	4	oz/a	LPOST		
	Command	3	LBA/GAL	ME	0.403	lb ai/a	17.2	oz/a	LPOST		
	Sharpen	2.85	LBA/GAL	SC	0.0223	lb ai/a	1	oz/a	LPOST		
	Agri-Dex	100%		L	1%	v/v	1%	v/v	LPOST		
7	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	112a	112ab
	Newpath	2	LBA/GAL	L	0.0625	lb ai/a	4	oz/a	VEPOST		
	Agri-Dex	100%		L	1%	v/v	1%	v/v	VEPOST		
	Newpath	2	LBA/GAL	L	0.0625	lb ai/a	4	oz/a	LPOST		
	Command	3	LBA/GAL	ME	0.403	lb ai/a	17.2	oz/a	LPOST		
8	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	114a	112a
	RiceBeaux	6	LBA/GAL	L	3	lb ai/a	64	oz/a	EPOST		
	Aim	2	LBA/GAL	EC	0.0195	lb ai/a	1.25	oz/a	EPOST		
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST		
9	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	109a	106bc
	RiceBeaux	6	LBA/GAL	L	3	lb ai/a	64	oz/a	EPOST		
	Sharpen	2.85	LBA/GAL	SC	0.0223	lb ai/a	1	oz/a	EPOST		
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST		
10	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	108a	108abc
	RiceBeaux	6	LBA/GAL	L	3	lb ai/a	64	oz/a	EPOST		
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST		

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Addition of Aim vs Sharpen in Program Study

Trial ID:C16-31 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-31 Investigator:Eric P. Webster

Pest Code										RICE	RICE
Rating Date										Aug-10-2016	Aug-10-2016
Rating Type										HEIGHT	AVG HEIGHT
Rating Unit										cm	cm
Trt-Eval Interval										At Harvest	At Harvest
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage		
11	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	109a	109abc
	Command	3	LBA/GAL	ME	0.403	lb ai/a	17.2	oz/a	EPOST		
	RiceBeaux	6	LBA/GAL	L	3	lb ai/a	64	oz/a	EPOST		
	Aim	2	LBA/GAL	EC	0.0195	lb ai/a	1.25	oz/a	EPOST		
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST		
12	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	111a	111abc
	Command	3	LBA/GAL	ME	0.403	lb ai/a	17.2	oz/a	EPOST		
	RiceBeaux	6	LBA/GAL	L	3	lb ai/a	64	oz/a	EPOST		
	Sharpen	2.85	LBA/GAL	SC	0.0223	lb ai/a	1	oz/a	EPOST		
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST		
13	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	108a	108abc
	Command	3	LBA/GAL	ME	0.403	lb ai/a	17.2	oz/a	EPOST		
	RiceBeaux	6	LBA/GAL	L	3	lb ai/a	64	oz/a	EPOST		
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST		
LSD P=.05										8.1	6.2
Standard Deviation										5.7	4.3
CV										5.12	3.9
Replicate F										1.124	2.495
Replicate Prob(F)										0.3521	0.0754
Treatment F										0.581	1.402
Treatment Prob(F)										0.8429	0.2098

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School of Plant, Environmental and Soil Sciences

Grasp SC Applied Preemergence and in Sequential Programs

Experiment number	**C16-32**
Location	RRS-Crowley, LA
Experimental design	RCB
Number of reps	4
Plot size	5'x17'
Row width/# per plot	7.5"/8
Soil type	Crowley silt loam (3% sand, 69% silt, 28% clay)
% OM	1.4
pH	6.4
CEC	19.1
Crop/Variety	CL 111
Planting date	4/6/16
Emergence date	4/16/16
Harvest date	NA

Application type	PRE	EPOST	LPOST	7-14 DA POSTFLOOD
Date applied [mm/dd/yy]	4/11/16	4/29/16	5/10/16	6/1/16
Time [hh:mm-hh:mm]	8:40-8:50a	8:12-8:14a	9:44-9:48a	11:15-11:20a
Air/Soil temperature [F]	68/64	76/78	80/78	79/89
Relative humidity [%]	95%	90%	70%	80%
Wind [mph, direction]	7-10, S	7-9, SE	14, SSE	2-3, ESE
Weather [sunny, etc]	cloudy	pt. cloudy	pt. cloudy	cloudy
Soil/Leaf surface moist	dry/dry	wet/dry	dry/dry	flood/dry
Crop stage/Height	NA/NA	2-3lf/2-4"	4-5lf/6-8"	EBOOT/20-24"
Sprayer type/MPH	BKPK/3.0	BKPK/3.0	BKPK/3.0	BKPK/3.0
Nozzle type/Size*	FF/110015	FF/110015	FF/110015	FF/110015
Boom ht/# Noz/Spacing	15/5/15	15/5/15	15/5/15	15/5/15
GPA/PSI	15/22	15/21	15/21	15/21
Applied by	BMM	EPW	BMM	EPW

Weed Species (population)	(height/#leaves)			
ALRPH(1-10m^{-2})		1-4"/2-8lf	6-16"/8-40lf	20-30"/20-40lf
CYPES(5-30m^{-2})		2-6"/3-6lf	4-8"/3-6lf	20-24"/6-9lf
COMDI(2-3m^{-2})		0.50-1"/1-2lf	2-4"/2-4lf	4-6"/3-5lf
ECHCG(10-50m^{-2})		0.50-1"/1-2lf	0.50-4"/1-3lf	14-18"/2-4til
CYPIR(10-100m^{-2})		0.50-2"/3-6lf	2-4"/3lf	14-16"/3-9lf
SEBEX(3-10m^{-2})		1-2"/1-2lf	4-6"/3-6lf	6-10"/4-8lf
BRAPP(15-30m^{-2})		1-2"/1-2lf	2-4"/2-4lf	4-8"/4-5lf
CNPPA(1-3m^{-2})		0.25-0.5"/cot	0.50-1"/cot-2lf	2-6"/2-5lf
LEFPA(10-20m^{-2})		2-4"/2-3lf	6-8"/4-5lf	14-16"/2-4til

Flush Dates	NA
Permanent Flood	5/18/16

*AMFF – Air mix flat fan nozzles

LSU AgCenter SPESS

Grasp SC Applied Preemergence and in Sequential Programs

Trial ID:C16-32 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-32 Investigator:Eric P. Webster

Pest Code								ECHCG	ECHCG	ECHCG
Rating Date								May-12-2016	May-24-2016	Jun-7-2016
Rating Type								CONTROL	CONTROL	CONTROL
Rating Unit								%	%	%
Trt-Eval Interval								13 DA EPOST	14 DA LPOST	5 DA POSTFL
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
1	Nontreated									0e	0h	0f
2	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	75cd	81f	0f
3	Facet L	1.5	LBA/GAL	L	0.375	lb ai/a	32	oz/a	PRE	92ab	88e	74d
4	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	PRE	83bc	90de	78cd
5	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	89ab	91cde	87ab
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	PRE			
6	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	PRE	93a	96ab	88ab
	Facet L	1.5	LBA/GAL	L	0.375	lb ai/a	32	oz/a	PRE			
7	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	PRE	92ab	96ab	91ab
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	EPOST			
	MSO	100%		L	1%	v/v	1%	v/v	EPOST			
8	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	PRE	86ab	93bcd	85bc
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	LPOST			
	MSO	100%		L	1%	v/v	1%	v/v	LPOST			
9	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	94a	97a	94a
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	PRE			
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	LPOST			
	MSO	100%		L	1%	v/v	1%	v/v	LPOST			
10	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	93a	95abc	93ab
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	PRE			
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	7-10 d POSTF			
	MSO	100%		L	1%	v/v	1%	v/v	7-10 d POSTF			
11	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	91ab	95abc	93ab
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	EPOST			
	MSO	100%		L	1%	v/v	1%	v/v	EPOST			
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	7-10 d POSTF			
	MSO	100%		L	1%	v/v	1%	v/v	7-10 d POSTF			
12	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	66d	70g	53e
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	LPOST			
	MSO	100%		L	1%	v/v	1%	v/v	LPOST			
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	7-10 d POSTF			
	MSO	100%		L	1%	v/v	1%	v/v	7-10 d POSTF			
LSD P=.05										9.4	4.3	8.3
Standard Deviation										6.5	3.0	5.8
CV										8.2	3.65	8.3
Replicate F										0.652	2.743	0.037
Replicate Prob(F)										0.5872	0.0587	0.9904
Treatment F										65.574	324.658	142.805
Treatment Prob(F)										0.0001	0.0001	0.0001

Means followed by same letter or symbol do not significantly differ (P=.05, LSD)
Could not calculate LSD (% mean diff) for columns 28,29,30,31 because error mean square = 0.

LSU AgCenter SPESS

Grasp SC Applied Preemergence and in Sequential Programs

Trial ID:C16-32 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-32 Investigator:Eric P. Webster

Pest Code									ECHCG	BRAPP	BRAPP
Rating Date									Jun-24-2016	May-12-2016	May-24-2016
Rating Type									CONTROL	CONTROL	CONTROL
Rating Unit									%	%	%
Trt-Eval Interval									22 DA POSTF	13 DA EPOST	14 DA LPOST
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
1	Nontreated									0g	0e	0e
2	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	0g	68d	81ab
3	Facet L	1.5	LBA/GAL	L	0.375	lb ai/a	32	oz/a	PRE	38f	91ab	86a
4	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	PRE	45f	68d	65d
5	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	58e	85bc	81ab
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	PRE			
6	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	PRE	71d	92ab	91a
	Facet L	1.5	LBA/GAL	L	0.375	lb ai/a	32	oz/a	PRE			
7	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	PRE	78bcd	86abc	82ab
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	EPOST			
	MSO	100%		L	1%	v/v	1%	v/v	EPOST			
8	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	PRE	75cd	79c	76bc
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	LPOST			
	MSO	100%		L	1%	v/v	1%	v/v	LPOST			
9	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	84ab	94a	89a
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	PRE			
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	LPOST			
	MSO	100%		L	1%	v/v	1%	v/v	LPOST			
10	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	89a	89ab	85ab
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	PRE			
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	7-10 d POSTF			
	MSO	100%		L	1%	v/v	1%	v/v	7-10 d POSTF			
11	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	84ab	89ab	91a
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	EPOST			
	MSO	100%		L	1%	v/v	1%	v/v	EPOST			
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	7-10 d POSTF			
	MSO	100%		L	1%	v/v	1%	v/v	7-10 d POSTF			
12	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	81abc	63d	70cd
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	LPOST			
	MSO	100%		L	1%	v/v	1%	v/v	LPOST			
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	7-10 d POSTF			
	MSO	100%		L	1%	v/v	1%	v/v	7-10 d POSTF			
LSD P=.05										8.6	7.9	9.8
Standard Deviation										6.0	5.5	6.8
CV										10.29	7.32	9.15
Replicate F										0.706	0.743	1.977
Replicate Prob(F)										0.5550	0.5343	0.1366
Treatment F										110.442	88.813	52.806
Treatment Prob(F)										0.0001	0.0001	0.0001

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Grasp SC Applied Preemergence and in Sequential Programs

Trial ID:C16-32 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-32 Investigator:Eric P. Webster

Pest Code								BRAPP	ALRPH	ALRPH
Rating Date								Jun-7-2016	May-12-2016	May-24-2016
Rating Type								CONTROL	CONTROL	CONTROL
Rating Unit								%	%	%
Trt-Eval Interval								5 DA POSTFL	13 DA EPOST	14 DA LPOST
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
1	Nontreated									0e	0f	0f
2	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	0e	0f	0f
3	Facet L	1.5	LBA/GAL	L	0.375	lb ai/a	32	oz/a	PRE	88ab	49e	35e
4	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	PRE	86bc	43e	90ab
5	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	89ab	64d	84bcd
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	PRE			
6	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	PRE	91ab	78b	86bcd
	Facet L	1.5	LBA/GAL	L	0.375	lb ai/a	32	oz/a	PRE			
7	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	PRE	81c	89a	84bcd
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	EPOST			
	MSO	100%		L	1%	v/v	1%	v/v	EPOST			
8	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	PRE	36d	73bc	88abc
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	LPOST			
	MSO	100%		L	1%	v/v	1%	v/v	LPOST			
9	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	91ab	70cd	93a
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	PRE			
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	LPOST			
	MSO	100%		L	1%	v/v	1%	v/v	LPOST			
10	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	92a	75bc	80d
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	PRE			
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	7-10 d POSTF			
	MSO	100%		L	1%	v/v	1%	v/v	7-10 d POSTF			
11	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	92ab	76bc	80d
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	EPOST			
	MSO	100%		L	1%	v/v	1%	v/v	EPOST			
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	7-10 d POSTF			
	MSO	100%		L	1%	v/v	1%	v/v	7-10 d POSTF			
12	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	91ab	0f	83cd
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	LPOST			
	MSO	100%		L	1%	v/v	1%	v/v	LPOST			
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	7-10 d POSTF			
	MSO	100%		L	1%	v/v	1%	v/v	7-10 d POSTF			
LSD P=.05										5.8	7.4	7.2
Standard Deviation										4.0	5.1	5.0
CV										5.76	9.98	7.48
Replicate F										1.588	1.116	1.029
Replicate Prob(F)										0.2109	0.3566	0.3926
Treatment F										321.418	169.826	191.437
Treatment Prob(F)										0.0001	0.0001	0.0001

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Grasp SC Applied Preemergence and in Sequential Programs

Trial ID:C16-32 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-32 Investigator:Eric P. Webster

Pest Code									ALRPH	CNPPA	CNPPA
Rating Date									Jun-7-2016	May-12-2016	May-24-2016
Rating Type									CONTROL	CONTROL	CONTROL
Rating Unit									%	%	%
Trt-Eval Interval									5 DA POSTFL	13 DA EPOST	14 DA LPOST
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
1	Nontreated									0d	0f	0d
2	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	0d	9e	0d
3	Facet L	1.5	LBA/GAL	L	0.375	lb ai/a	32	oz/a	PRE	0d	80cd	68c
4	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	PRE	76b	78d	92b
5	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	79b	76d	96ab
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	PRE			
6	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	PRE	69c	89ab	95ab
	Facet L	1.5	LBA/GAL	L	0.375	lb ai/a	32	oz/a	PRE			
7	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	PRE	88a	93a	95ab
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	EPOST			
	MSO	100%		L	1%	v/v	1%	v/v	EPOST			
8	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	PRE	92a	83bcd	97a
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	LPOST			
	MSO	100%		L	1%	v/v	1%	v/v	LPOST			
9	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	91a	81cd	97a
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	PRE			
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	LPOST			
	MSO	100%		L	1%	v/v	1%	v/v	LPOST			
10	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	90a	85bc	97a
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	PRE			
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	7-10 d POSTF			
	MSO	100%		L	1%	v/v	1%	v/v	7-10 d POSTF			
11	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	91a	86bc	96a
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	EPOST			
	MSO	100%		L	1%	v/v	1%	v/v	EPOST			
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	7-10 d POSTF			
	MSO	100%		L	1%	v/v	1%	v/v	7-10 d POSTF			
12	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	93a	14e	92b
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	LPOST			
	MSO	100%		L	1%	v/v	1%	v/v	LPOST			
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	7-10 d POSTF			
	MSO	100%		L	1%	v/v	1%	v/v	7-10 d POSTF			
LSD P=.05										6.7	7.2	3.9
Standard Deviation										4.7	5.0	2.7
CV										7.28	7.74	3.5
Replicate F										2.225	1.748	0.806
Replicate Prob(F)										0.1037	0.1763	0.4995
Treatment F										284.548	194.537	748.565
Treatment Prob(F)										0.0001	0.0001	0.0001

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Grasp SC Applied Preemergence and in Sequential Programs

Trial ID:C16-32 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-32 Investigator:Eric P. Webster

Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	CNPPA	CNPPA	COMDI
Pest Code										CNPPA	CNPPA	COMDI
Rating Date										Jun-7-2016	Jun-24-2016	May-12-2016
Rating Type										CONTROL	CONTROL	CONTROL
Rating Unit										%	%	%
Trt-Eval Interval										5 DA POSTFL	22 DA POSTF	13 DA EPOST
1	Nontreated									0d	0f	0g
2	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	0d	0f	13f
3	Facet L	1.5	LBA/GAL	L	0.375	lb ai/a	32	oz/a	PRE	41c	74e	16f
4	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	PRE	86b	83d	61e
5	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	92a	85cd	78bcd
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	PRE			
6	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	PRE	95a	86bcd	68de
	Facet L	1.5	LBA/GAL	L	0.375	lb ai/a	32	oz/a	PRE			
7	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	PRE	96a	89abc	91a
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	EPOST			
	MSO	100%		L	1%	v/v	1%	v/v	EPOST			
8	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	PRE	96a	88bcd	76cd
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	LPOST			
	MSO	100%		L	1%	v/v	1%	v/v	LPOST			
9	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	94a	94a	86abc
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	PRE			
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	LPOST			
	MSO	100%		L	1%	v/v	1%	v/v	LPOST			
10	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	95a	91ab	87ab
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	PRE			
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	7-10 d POSTF			
	MSO	100%		L	1%	v/v	1%	v/v	7-10 d POSTF			
11	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	96a	89abc	90a
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	EPOST			
	MSO	100%		L	1%	v/v	1%	v/v	EPOST			
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	7-10 d POSTF			
	MSO	100%		L	1%	v/v	1%	v/v	7-10 d POSTF			
12	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	93a	88bcd	16f
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	LPOST			
	MSO	100%		L	1%	v/v	1%	v/v	LPOST			
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	7-10 d POSTF			
	MSO	100%		L	1%	v/v	1%	v/v	7-10 d POSTF			
LSD P=.05										5.2	5.4	10.5
Standard Deviation										3.6	3.7	7.3
CV										4.92	5.17	12.81
Replicate F										0.697	0.700	1.522
Replicate Prob(F)										0.5604	0.5588	0.2269
Treatment F										431.412	333.518	92.552
Treatment Prob(F)										0.0001	0.0001	0.0001

LSU AgCenter SPESS

Grasp SC Applied Preemergence and in Sequential Programs

Trial ID:C16-32 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-32 Investigator:Eric P. Webster

Pest Code								COMDI	CYPES	CYPES
Rating Date								May-24-2016	May-12-2016	May-24-2016
Rating Type								CONTROL	CONTROL	CONTROL
Rating Unit								%	%	%
Trt-Eval Interval								14 DA LPOST	13 DA EPOST	14 DA LPOST
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
1	Nontreated									0c	0f	0e
2	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	0c	0f	0e
3	Facet L	1.5	LBA/GAL	L	0.375	lb ai/a	32	oz/a	PRE	3c	23e	0e
4	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	PRE	97a	79cd	86abc
5	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	95ab	85ab	70d
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	PRE			
6	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	PRE	91b	80bcd	83c
	Facet L	1.5	LBA/GAL	L	0.375	lb ai/a	32	oz/a	PRE			
7	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	PRE	97a	90a	89abc
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	EPOST			
	MSO	100%		L	1%	v/v	1%	v/v	EPOST			
8	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	PRE	95a	75d	94a
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	LPOST			
	MSO	100%		L	1%	v/v	1%	v/v	LPOST			
9	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	98a	84abc	94a
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	PRE			
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	LPOST			
	MSO	100%		L	1%	v/v	1%	v/v	LPOST			
10	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	96a	82bc	84bc
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	PRE			
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	7-10 d POSTF			
	MSO	100%		L	1%	v/v	1%	v/v	7-10 d POSTF			
11	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	97a	85ab	91ab
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	EPOST			
	MSO	100%		L	1%	v/v	1%	v/v	EPOST			
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	7-10 d POSTF			
	MSO	100%		L	1%	v/v	1%	v/v	7-10 d POSTF			
12	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	94ab	0f	83c
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	LPOST			
	MSO	100%		L	1%	v/v	1%	v/v	LPOST			
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	7-10 d POSTF			
	MSO	100%		L	1%	v/v	1%	v/v	7-10 d POSTF			
LSD P=.05										4.4	6.1	8.3
Standard Deviation										3.1	4.3	5.8
CV										4.3	7.48	8.98
Replicate F										0.831	0.925	0.645
Replicate Prob(F)										0.4863	0.4397	0.5915
Treatment F										770.708	326.853	185.011
Treatment Prob(F)										0.0001	0.0001	0.0001

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Grasp SC Applied Preemergence and in Sequential Programs

Trial ID:C16-32 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-32 Investigator:Eric P. Webster

Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	CYPES Jun-7-2016 CONTROL % 5 DA POSTFL	CYPES Jun-24-2016 CONTROL % 22 DA POSTF	CYPIR May-12-2016 CONTROL % 13 DA EPOST
1	Nontreated									0f	0f	0e
2	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	0f	0f	0e
3	Facet L	1.5	LBA/GAL	L	0.375	lb ai/a	32	oz/a	PRE	0f	0f	61d
4	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	PRE	79cd	0f	79bc
5	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	78d	46e	83ab
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	PRE			
6	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	PRE	70e	76cd	78bc
	Facet L	1.5	LBA/GAL	L	0.375	lb ai/a	32	oz/a	PRE			
7	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	PRE	83cd	79bc	85a
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	EPOST			
	MSO	100%		L	1%	v/v	1%	v/v	EPOST			
8	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	PRE	89ab	75cd	74c
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	LPOST			
	MSO	100%		L	1%	v/v	1%	v/v	LPOST			
9	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	93a	84a	80ab
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	PRE			
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	LPOST			
	MSO	100%		L	1%	v/v	1%	v/v	LPOST			
10	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	80cd	81ab	76bc
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	PRE			
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	7-10 d POSTF			
	MSO	100%		L	1%	v/v	1%	v/v	7-10 d POSTF			
11	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	89ab	81ab	86a
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	EPOST			
	MSO	100%		L	1%	v/v	1%	v/v	EPOST			
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	7-10 d POSTF			
	MSO	100%		L	1%	v/v	1%	v/v	7-10 d POSTF			
12	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	84bc	74d	0e
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	LPOST			
	MSO	100%		L	1%	v/v	1%	v/v	LPOST			
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	7-10 d POSTF			
	MSO	100%		L	1%	v/v	1%	v/v	7-10 d POSTF			
LSD P=.05										5.9	4.9	6.4
Standard Deviation										4.1	3.4	4.4
CV										6.6	6.79	7.58
Replicate F										2.175	0.168	1.274
Replicate Prob(F)										0.1097	0.9173	0.2994
Treatment F										342.924	505.211	261.038
Treatment Prob(F)										0.0001	0.0001	0.0001

LSU AgCenter SPESS

Grasp SC Applied Preemergence and in Sequential Programs

Trial ID:C16-32 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-32 Investigator:Eric P. Webster

Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	CYPIR May-24-2016 CONTROL % 14 DA LPOST	CYPIR Jun-7-2016 CONTROL % 5 DA POSTFL	CYPIR Jun-24-2016 CONTROL % 22 DA POSTF
1	Nontreated									0f	0e	0d
2	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	0f	0e	0d
3	Facet L	1.5	LBA/GAL	L	0.375	lb ai/a	32	oz/a	PRE	0f	0e	0d
4	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	PRE	78cd	84bc	0d
5	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	65e	79c	55c
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	PRE			
6	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	PRE	75de	69d	81a
	Facet L	1.5	LBA/GAL	L	0.375	lb ai/a	32	oz/a	PRE			
7	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	PRE	89ab	84bc	80a
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	EPOST			
	MSO	100%		L	1%	v/v	1%	v/v	EPOST			
8	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	PRE	93a	90ab	81a
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	LPOST			
	MSO	100%		L	1%	v/v	1%	v/v	LPOST			
9	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	93a	93a	84a
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	PRE			
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	LPOST			
	MSO	100%		L	1%	v/v	1%	v/v	LPOST			
10	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	81bcd	80c	84a
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	PRE			
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	7-10 d POSTF			
	MSO	100%		L	1%	v/v	1%	v/v	7-10 d POSTF			
11	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	88abc	89ab	83a
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	EPOST			
	MSO	100%		L	1%	v/v	1%	v/v	EPOST			
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	7-10 d POSTF			
	MSO	100%		L	1%	v/v	1%	v/v	7-10 d POSTF			
12	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	80bcd	84bc	75b
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	LPOST			
	MSO	100%		L	1%	v/v	1%	v/v	LPOST			
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	7-10 d POSTF			
	MSO	100%		L	1%	v/v	1%	v/v	7-10 d POSTF			
LSD P=.05										10.6	6.5	4.3
Standard Deviation										7.4	4.5	3.0
CV										11.97	7.23	5.71
Replicate F										0.627	2.628	0.396
Replicate Prob(F)										0.6030	0.0666	0.7569
Treatment F										105.845	285.058	695.978
Treatment Prob(F)										0.0001	0.0001	0.0001

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Grasp SC Applied Preemergence and in Sequential Programs

Trial ID:C16-32 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-32 Investigator:Eric P. Webster

Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	SEBEX May-24-2016 CONTROL % 14 DA LPOST	SEBEX Jun-7-2016 CONTROL % 5 DA POSTFL	SEBEX Jun-24-2016 CONTROL % 22 DA POSTF
1	Nontreated									0d	0d	0f
2	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	0d	0d	0f
3	Facet L	1.5	LBA/GAL	L	0.375	lb ai/a	32	oz/a	PRE	80c	93ab	74e
4	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	PRE	85b	82c	0f
5	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	86b	85bc	80cd
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	PRE			
6	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	PRE	96a	92ab	84cd
	Facet L	1.5	LBA/GAL	L	0.375	lb ai/a	32	oz/a	PRE			
7	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	PRE	97a	97a	84cd
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	EPOST			
	MSO	100%		L	1%	v/v	1%	v/v	EPOST			
8	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	PRE	97a	96a	85bc
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	LPOST			
	MSO	100%		L	1%	v/v	1%	v/v	LPOST			
9	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	97a	98a	91a
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	PRE			
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	LPOST			
	MSO	100%		L	1%	v/v	1%	v/v	LPOST			
10	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	97a	98a	85bc
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	PRE			
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	7-10 d POSTF			
	MSO	100%		L	1%	v/v	1%	v/v	7-10 d POSTF			
11	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	97a	96a	90ab
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	EPOST			
	MSO	100%		L	1%	v/v	1%	v/v	EPOST			
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	7-10 d POSTF			
	MSO	100%		L	1%	v/v	1%	v/v	7-10 d POSTF			
12	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	96a	94a	79de
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	LPOST			
	MSO	100%		L	1%	v/v	1%	v/v	LPOST			
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	7-10 d POSTF			
	MSO	100%		L	1%	v/v	1%	v/v	7-10 d POSTF			
LSD P=.05										4.3	8.4	5.4
Standard Deviation										3.0	5.8	3.8
CV										3.84	7.51	6.01
Replicate F										0.943	0.159	0.625
Replicate Prob(F)										0.4309	0.9229	0.6037
Treatment F										607.743	157.641	408.759
Treatment Prob(F)										0.0001	0.0001	0.0001

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Grasp SC Applied Preemergence and in Sequential Programs

Trial ID:C16-32 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-32 Investigator:Eric P. Webster

Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	RICE May-12-2016 INJURY % 13 DA EPOST	RICE May-24-2016 INJURY % 14 DA LPOST	RICE Jun-7-2016 INJURY % 5 DA POSTFL
1	Nontreated									0a	0a	0a
2	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	0a	0a	0a
3	Facet L	1.5	LBA/GAL	L	0.375	lb ai/a	32	oz/a	PRE	0a	0a	0a
4	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	PRE	0a	0a	0a
5	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	0a	0a	0a
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	PRE			
6	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	PRE	0a	0a	0a
	Facet L	1.5	LBA/GAL	L	0.375	lb ai/a	32	oz/a	PRE			
7	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	PRE	0a	0a	0a
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	EPOST			
	MSO	100%		L	1%	v/v	1%	v/v	EPOST			
8	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	PRE	0a	0a	0a
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	LPOST			
	MSO	100%		L	1%	v/v	1%	v/v	LPOST			
9	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	0a	0a	0a
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	PRE			
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	LPOST			
	MSO	100%		L	1%	v/v	1%	v/v	LPOST			
10	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	0a	0a	0a
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	PRE			
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	7-10 d POSTF			
	MSO	100%		L	1%	v/v	1%	v/v	7-10 d POSTF			
11	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	0a	0a	0a
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	EPOST			
	MSO	100%		L	1%	v/v	1%	v/v	EPOST			
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	7-10 d POSTF			
	MSO	100%		L	1%	v/v	1%	v/v	7-10 d POSTF			
12	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	0a	0a	0a
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	LPOST			
	MSO	100%		L	1%	v/v	1%	v/v	LPOST			
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	7-10 d POSTF			
	MSO	100%		L	1%	v/v	1%	v/v	7-10 d POSTF			
LSD P=.05										.	.	.
Standard Deviation										0.0	0.0	0.0
CV										0.0	0.0	0.0
Replicate F										0.000	0.000	0.000
Replicate Prob(F)										1.0000	1.0000	1.0000
Treatment F										0.000	0.000	0.000
Treatment Prob(F)										1.0000	1.0000	1.0000

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Grasp SC Applied Preemergence and in Sequential Programs

Trial ID:C16-32 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-32 Investigator:Eric P. Webster

Pest Code									RICE	RICE	RICE
Rating Date									Jun-24-2016	May-11-2016	May-11-2016
Rating Type									INJURY	HEIGHT	HEIGHT
Rating Unit									%	cm	cm
Trt-Eval Interval									22 DA POSTF	12 DA EPOST	12 DA EPOST
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
1	Nontreated									0a	18ab	17bc
2	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	0a	20ab	19abc
3	Facet L	1.5	LBA/GAL	L	0.375	lb ai/a	32	oz/a	PRE	0a	18ab	20a
4	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	PRE	0a	20a	19abc
5	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	0a	19ab	18abc
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	PRE			
6	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	PRE	0a	17b	17c
	Facet L	1.5	LBA/GAL	L	0.375	lb ai/a	32	oz/a	PRE			
7	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	PRE	0a	19ab	18abc
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	EPOST			
	MSO	100%		L	1%	v/v	1%	v/v	EPOST			
8	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	PRE	0a	19ab	18abc
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	LPOST			
	MSO	100%		L	1%	v/v	1%	v/v	LPOST			
9	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	0a	18ab	17bc
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	PRE			
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	LPOST			
	MSO	100%		L	1%	v/v	1%	v/v	LPOST			
10	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	0a	20a	18abc
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	PRE			
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	7-10 d POSTF			
	MSO	100%		L	1%	v/v	1%	v/v	7-10 d POSTF			
11	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	0a	19ab	19abc
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	EPOST			
	MSO	100%		L	1%	v/v	1%	v/v	EPOST			
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	7-10 d POSTF			
	MSO	100%		L	1%	v/v	1%	v/v	7-10 d POSTF			
12	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	0a	20a	20ab
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	LPOST			
	MSO	100%		L	1%	v/v	1%	v/v	LPOST			
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	7-10 d POSTF			
	MSO	100%		L	1%	v/v	1%	v/v	7-10 d POSTF			
LSD P=.05										.	2.8	2.7
Standard Deviation										0.0	2.0	1.9
CV										0.0	10.47	10.17
Replicate F										0.000	1.386	0.983
Replicate Prob(F)										1.0000	0.2644	0.4129
Treatment F										0.000	1.032	1.351
Treatment Prob(F)										1.0000	0.4416	0.2420

LSU AgCenter SPESS

Grasp SC Applied Preemergence and in Sequential Programs

Trial ID:C16-32 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-32 Investigator:Eric P. Webster

Pest Code								RICE	RICE	RICE
Rating Date								May-11-2016	May-11-2016	May-11-2016
Rating Type								HEIGHT	HEIGHT	AVG HEIGHT
Rating Unit								cm	cm	cm
Trt-Eval Interval								12 DA EPOST	12 DA EPOST	12 DA EPOST
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
1	Nontreated									19a	17cd	18cd
2	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	20a	22ab	20ab
3	Facet L	1.5	LBA/GAL	L	0.375	lb ai/a	32	oz/a	PRE	20a	24a	21a
4	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	PRE	18a	19c	19a-d
5	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	18a	17cd	18cd
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	PRE			
6	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	PRE	19a	19c	18cd
	Facet L	1.5	LBA/GAL	L	0.375	lb ai/a	32	oz/a	PRE			
7	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	PRE	18a	18cd	18bcd
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	EPOST			
	MSO	100%		L	1%	v/v	1%	v/v	EPOST			
8	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	PRE	17a	15d	17d
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	LPOST			
	MSO	100%		L	1%	v/v	1%	v/v	LPOST			
9	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	17a	17cd	17d
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	PRE			
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	LPOST			
	MSO	100%		L	1%	v/v	1%	v/v	LPOST			
10	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	19a	19c	19a-d
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	PRE			
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	7-10 d POSTF			
	MSO	100%		L	1%	v/v	1%	v/v	7-10 d POSTF			
11	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	17a	19bc	19a-d
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	EPOST			
	MSO	100%		L	1%	v/v	1%	v/v	EPOST			
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	7-10 d POSTF			
	MSO	100%		L	1%	v/v	1%	v/v	7-10 d POSTF			
12	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	19a	20bc	20abc
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	LPOST			
	MSO	100%		L	1%	v/v	1%	v/v	LPOST			
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	7-10 d POSTF			
	MSO	100%		L	1%	v/v	1%	v/v	7-10 d POSTF			
LSD P=.05										3.7	3.5	2.1
Standard Deviation										2.6	2.4	1.5
CV										14.12	12.77	7.83
Replicate F										0.087	0.129	0.333
Replicate Prob(F)										0.9669	0.9424	0.8015
Treatment F										0.741	3.819	2.323
Treatment Prob(F)										0.6924	0.0014	0.0303

LSU AgCenter SPESS

Grasp SC Applied Preemergence and in Sequential Programs

Trial ID:C16-32 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-32 Investigator:Eric P. Webster

Pest Code									RICE	RICE	RICE
Rating Date									Aug-22-2016	Aug-22-2016	Aug-22-2016
Rating Type									HEIGHT	HEIGHT	HEIGHT
Rating Unit									cm	cm	cm
Trt-Eval Interval									At Harvest	At Harvest	At Harvest
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
1	Nontreated									97c	94e	92e
2	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	100bc	99de	94de
3	Facet L	1.5	LBA/GAL	L	0.375	lb ai/a	32	oz/a	PRE	104abc	105bcd	101bcd
4	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	PRE	109a	110ab	109ab
5	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	103abc	107abc	104abc
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	PRE			
6	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	PRE	106ab	107abc	101bcd
	Facet L	1.5	LBA/GAL	L	0.375	lb ai/a	32	oz/a	PRE			
7	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	PRE	106ab	108abc	104abc
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	EPOST			
	MSO	100%		L	1%	v/v	1%	v/v	EPOST			
8	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	PRE	109a	108abc	108abc
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	LPOST			
	MSO	100%		L	1%	v/v	1%	v/v	LPOST			
9	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	110a	112a	110a
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	PRE			
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	LPOST			
	MSO	100%		L	1%	v/v	1%	v/v	LPOST			
10	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	108a	111ab	110a
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	PRE			
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	7-10 d POSTF			
	MSO	100%		L	1%	v/v	1%	v/v	7-10 d POSTF			
11	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	105ab	106bc	109ab
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	EPOST			
	MSO	100%		L	1%	v/v	1%	v/v	EPOST			
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	7-10 d POSTF			
	MSO	100%		L	1%	v/v	1%	v/v	7-10 d POSTF			
12	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	104abc	102cd	100cd
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	LPOST			
	MSO	100%		L	1%	v/v	1%	v/v	LPOST			
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	7-10 d POSTF			
	MSO	100%		L	1%	v/v	1%	v/v	7-10 d POSTF			
LSD P=.05										7.5	6.4	7.9
Standard Deviation										5.2	4.5	5.5
CV										4.98	4.24	5.32
Replicate F										0.535	0.486	0.398
Replicate Prob(F)										0.6615	0.6946	0.7555
Treatment F										2.280	5.570	4.820
Treatment Prob(F)										0.0333	0.0001	0.0002

LSU AgCenter SPESS

Grasp SC Applied Preemergence and in Sequential Programs

Trial ID:C16-32 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-32 Investigator:Eric P. Webster

Pest Code									RICE	RICE
Rating Date									Aug-22-2016	Aug-22-2016
Rating Type									HEIGHT	AVG HEIGHT
Rating Unit									cm	cm
Trt-Eval Interval									At Harvest	At Harvest
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage		
1	Nontreated									93d	94f
2	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	99cd	98ef
3	Facet L	1.5	LBA/GAL	L	0.375	lb ai/a	32	oz/a	PRE	105b	104cd
4	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	PRE	107ab	109abc
5	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	104bc	105cd
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	PRE		
6	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	PRE	106ab	105bcd
	Facet L	1.5	LBA/GAL	L	0.375	lb ai/a	32	oz/a	PRE		
7	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	PRE	106ab	106a-d
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	EPOST		
	MSO	100%		L	1%	v/v	1%	v/v	EPOST		
8	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	PRE	109ab	109abc
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	LPOST		
	MSO	100%		L	1%	v/v	1%	v/v	LPOST		
9	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	110ab	110a
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	PRE		
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	LPOST		
	MSO	100%		L	1%	v/v	1%	v/v	LPOST		
10	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	112a	110ab
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	PRE		
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	7-10 d POSTF		
	MSO	100%		L	1%	v/v	1%	v/v	7-10 d POSTF		
11	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	109ab	107a-d
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	EPOST		
	MSO	100%		L	1%	v/v	1%	v/v	EPOST		
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	7-10 d POSTF		
	MSO	100%		L	1%	v/v	1%	v/v	7-10 d POSTF		
12	Command	3	LBA/GAL	ME	0.3	lb ai/a	12.8	oz/a	PRE	104bc	103de
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	LPOST		
	MSO	100%		L	1%	v/v	1%	v/v	LPOST		
	Grasp	2	LBA/GAL	EC	0.0356	lb ai/a	2.28	oz/a	7-10 d POSTF		
	MSO	100%		L	1%	v/v	1%	v/v	7-10 d POSTF		
LSD P=.05										6.2	5.2
Standard Deviation										4.3	3.6
CV										4.11	3.45
Replicate F										0.072	0.261
Replicate Prob(F)										0.9743	0.8532
Treatment F										5.798	7.586
Treatment Prob(F)										0.0001	0.0001

LSU AgCenter
School of Plant, Environmental and Soil Sciences

Newpath and Beyond Tolerance to RiceTech Varieties

Experiment number	**C16-33**
Location.....	RRS-Crowley, LA
Experimental design	RCB
Number of reps.....	4
Plot size.....	5'x17'
Row width/# per plot	7.5"/8
Soil type	Crowley silt loam (3% sand, 69% silt, 28% clay)
% OM	1.4
pH	6.4
CEC.....	19.1
Crop/Variety	CLXL729, CLXL745, CLXP766, CL151
Planting date	4/14/16
Emergence date	4/18/16
Harvest date	8/23/16

Application type	**Overspray	EPOST	LPOST	***Overspray
Date applied [mm/dd/yy]	4/29/16	5/6/16	5/23/16	5/26/16
Time [hh:mm-hh:mm]	10:45-10:55a	10:01-10:20a	4:15-4:40p	10:40-11:00a
Air/Soil temperature [F].....	82/78	70/66	86/77	85/77
Relative humidity [%]	88%	50%	55%	65%
Wind [mph, direction].....	7-9, SE	3-5, E	5-7, SE	6-8, SSE
Weather [sunny, etc].....	sunny	sunny	sunny	pt. cloudy
Soil/Leaf surface moist	wet/dry	wet/dry	wet/dry	flood/dry
Crop stage/Height.....	1-3lf/2-4"	2-3lf/3-5"	1-2til/14-16"	1-2til/16-18"
Sprayer type/MPH	BKPK/3.0	BKPK/3.0	BKPK/3..0	BKPK/3.0
Nozzle type/Size*	FF/110015	FF/110015	FF/110015	FF/110015
Boom ht/# Noz/Spacing	15/5/15	15/5/15	15/5/15	15/5/15
GPA/PSI	15/21	15/22	15/21	15/21
Applied by.....	EPW	BMM	SYR	EAB

Weed Species (population)..:---------- (height/#leaves) ----------		
CYPES(3-5m^{-2}).....	3-7"/3-9lf	4-8"/6-9lf
ALRPH(3-5m^{-2}).....	2-8"/3-12lf	4-10"/8-20lf

Flush Dates	NA
Permanent Flood	5/18/16

*AMFF – Air mix flat fan nozzles

** Oversprayed with Prowl EC @ 32oz/A, Stam @96oz/A, Permit @ 1oz/A, and Facet @ 32oz/A.

*** Oversprayed with Clincher @ 25oz/A, Permit @ 1oz/A, MSO @ 1% v/v.

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Newpath and Beyond Tolerance to RiceTech Varieties

Trial ID:C16-33 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-33 Investigator:Eric P. Webster

Pest Code									RICE	RICE	RICE	RICE
Rating Date									May-12-2016	May-25-2016	Jun-7-2016	Jun-21-2016
Rating Type									INJURY	INJURY	INJURY	INJURY
Rating Unit									%	%	%	%
Trt-Eval Interval									6 DA EPOST	2 DA LPOST	15 DA LPOST	29 DA LPOST
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage				
1	CLXL729									0c	0f	0a	0a
	Nontreated												
2	CLXL729									6b	5e	0a	0a
	Newpath	2	LBA/GAL	L	0.094	lb ai/a	6	oz/a	EPOST				
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	EPOST				
	Newpath	2	LBA/GAL	L	0.094	lb ai/a	6	oz/a	LPOST				
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	LPOST				
3	CLXL729									10a	5e	0a	0a
	Newpath	2	LBA/GAL	L	0.188	lb ai/a	12	oz/a	EPOST				
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	EPOST				
	Newpath	2	LBA/GAL	L	0.188	lb ai/a	12	oz/a	LPOST				
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	LPOST				
4	CLXL729									5b	5e	0a	0a
	Newpath	2	LBA/GAL	L	0.094	lb ai/a	6	oz/a	EPOST				
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	EPOST				
	Beyond	2	LBA/GAL	L	0.078	lb ai/a	5	oz/a	LPOST				
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	LPOST				
5	CLXL729									6b	5e	0a	0a
	Newpath	2	LBA/GAL	L	0.188	lb ai/a	12	oz/a	EPOST				
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	EPOST				
	Beyond	2	LBA/GAL	L	0.156	lb ai/a	10	oz/a	LPOST				
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	LPOST				
6	CLXL745									0c	0f	0a	0a
	Nontreated												
7	CLXL745									5b	10ab	0a	0a
	Newpath	2	LBA/GAL	L	0.094	lb ai/a	6	oz/a	EPOST				
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	EPOST				
	Newpath	2	LBA/GAL	L	0.094	lb ai/a	6	oz/a	LPOST				
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	LPOST				
8	CLXL745									10a	10ab	0a	0a
	Newpath	2	LBA/GAL	L	0.188	lb ai/a	12	oz/a	EPOST				
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	EPOST				
	Newpath	2	LBA/GAL	L	0.188	lb ai/a	12	oz/a	LPOST				
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	LPOST				
9	CLXL745									10a	5e	0a	0a
	Newpath	2	LBA/GAL	L	0.094	lb ai/a	6	oz/a	EPOST				
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	EPOST				
	Beyond	2	LBA/GAL	L	0.078	lb ai/a	5	oz/a	LPOST				
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	LPOST				
10	CLXL745									5b	5e	0a	0a
	Newpath	2	LBA/GAL	L	0.188	lb ai/a	12	oz/a	EPOST				
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	EPOST				
	Beyond	2	LBA/GAL	L	0.156	lb ai/a	10	oz/a	LPOST				
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	LPOST				
11	CLXP766									0c	0f	0a	0a
	Nontreated												

Means followed by same letter or symbol do not significantly differ (P=.05, LSD)
Missing data estimates are included in columns:Average=16
Could not calculate LSD (% mean diff) for columns 3,4,5 because error mean square = 0.

LSU AgCenter SPESS

Newpath and Beyond Tolerance to RiceTech Varieties

Trial ID:C16-33 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-33 Investigator:Eric P. Webster

Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	RICE May-12-2016 INJURY % 6 DA EPOST	RICE May-25-2016 INJURY % 2 DA LPOST	RICE Jun-7-2016 INJURY % 15 DA LPOST	RICE Jun-21-2016 INJURY % 29 DA LPOST
12	CLXP766									5b	6de	0a	0a
	Newpath	2	LBA/GAL	L	0.094	lb ai/a	6	oz/a	EPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST				
	Newpath	2	LBA/GAL	L	0.094	lb ai/a	6	oz/a	LPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	LPOST				
13	CLXP766									5b	5e	0a	0a
	Newpath	2	LBA/GAL	L	0.188	lb ai/a	12	oz/a	EPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST				
	Newpath	2	LBA/GAL	L	0.188	lb ai/a	12	oz/a	LPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	LPOST				
14	CLXP766									6b	11a	0a	0a
	Newpath	2	LBA/GAL	L	0.094	lb ai/a	6	oz/a	EPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST				
	Beyond	2	LBA/GAL	L	0.078	lb ai/a	5	oz/a	LPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	LPOST				
15	CLXP766									6b	9bc	0a	0a
	Newpath	2	LBA/GAL	L	0.188	lb ai/a	12	oz/a	EPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST				
	Beyond	2	LBA/GAL	L	0.156	lb ai/a	10	oz/a	LPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	LPOST				
16	CL151									0c	0f	0a	0a
	Nontreated												
17	CL151									6b	0f	0a	0a
	Newpath	2	LBA/GAL	L	0.094	lb ai/a	6	oz/a	EPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST				
	Newpath	2	LBA/GAL	L	0.094	lb ai/a	6	oz/a	LPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	LPOST				
18	CL151									5b	8cd	0a	0a
	Newpath	2	LBA/GAL	L	0.188	lb ai/a	12	oz/a	EPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST				
	Newpath	2	LBA/GAL	L	0.188	lb ai/a	12	oz/a	LPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	LPOST				
19	CL151									6b	1f	0a	0a
	Newpath	2	LBA/GAL	L	0.094	lb ai/a	6	oz/a	EPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST				
	Beyond	2	LBA/GAL	L	0.078	lb ai/a	5	oz/a	LPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	LPOST				
20	CL151									5b	5e	0a	0a
	Newpath	2	LBA/GAL	L	0.188	lb ai/a	12	oz/a	EPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST				
	Beyond	2	LBA/GAL	L	0.156	lb ai/a	10	oz/a	LPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	LPOST				
LSD P=.05										1.9	1.8	.	.
Standard Deviation										1.4	1.2	0.0	0.0
CV										26.64	26.08	0.0	0.0
Replicate F										1.118	2.714	0.000	0.000
Replicate Prob(F)										0.3496	0.0532	1.0000	1.0000
Treatment F										20.788	34.114	0.000	0.000
Treatment Prob(F)										0.0001	0.0001	1.0000	1.0000

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Newpath and Beyond Tolerance to RiceTech Varieties

Trial ID:C16-33 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-33 Investigator:Eric P. Webster

Pest Code									RICE	RICE	RICE	RICE
Rating Date									Jul-5-2016	May-12-2016	May-12-2016	May-12-2016
Rating Type									INJURY	HEIGHT	HEIGHT	HEIGHT
Rating Unit									%	cm	cm	cm
Trt-Eval Interval									43 DA LPOST	6 DA EPOST	6 DA EPOST	6 DA EPOST
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
1	CLXL729									0a	17d-g	17cd	17d-h
	Nontreated												
2	CLXL729									0a	18b-f	18a-d	17b-h
	Newpath	2	LBA/GAL	L	0.094	lb ai/a	6	oz/a	EPOST				
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	EPOST				
	Newpath	2	LBA/GAL	L	0.094	lb ai/a	6	oz/a	LPOST				
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	LPOST				
3	CLXL729									0a	18c-g	17cd	16e-h
	Newpath	2	LBA/GAL	L	0.188	lb ai/a	12	oz/a	EPOST				
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	EPOST				
	Newpath	2	LBA/GAL	L	0.188	lb ai/a	12	oz/a	LPOST				
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	LPOST				
4	CLXL729									0a	18b-f	18a-d	18a-h
	Newpath	2	LBA/GAL	L	0.094	lb ai/a	6	oz/a	EPOST				
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	EPOST				
	Beyond	2	LBA/GAL	L	0.078	lb ai/a	5	oz/a	LPOST				
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	LPOST				
5	CLXL729									0a	16g	17bcd	16fgh
	Newpath	2	LBA/GAL	L	0.188	lb ai/a	12	oz/a	EPOST				
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	EPOST				
	Beyond	2	LBA/GAL	L	0.156	lb ai/a	10	oz/a	LPOST				
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	LPOST				
6	CLXL745									0a	18b-f	19a-d	17c-h
	Nontreated												
7	CLXL745									0a	19abc	17cd	17b-h
	Newpath	2	LBA/GAL	L	0.094	lb ai/a	6	oz/a	EPOST				
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	EPOST				
	Newpath	2	LBA/GAL	L	0.094	lb ai/a	6	oz/a	LPOST				
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	LPOST				
8	CLXL745									0a	19a-d	16d	17b-h
	Newpath	2	LBA/GAL	L	0.188	lb ai/a	12	oz/a	EPOST				
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	EPOST				
	Newpath	2	LBA/GAL	L	0.188	lb ai/a	12	oz/a	LPOST				
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	LPOST				
9	CLXL745									0a	19a-d	17cd	17d-h
	Newpath	2	LBA/GAL	L	0.094	lb ai/a	6	oz/a	EPOST				
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	EPOST				
	Beyond	2	LBA/GAL	L	0.078	lb ai/a	5	oz/a	LPOST				
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	LPOST				
10	CLXL745									0a	19b-f	18a-d	19a-f
	Newpath	2	LBA/GAL	L	0.188	lb ai/a	12	oz/a	EPOST				
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	EPOST				
	Beyond	2	LBA/GAL	L	0.156	lb ai/a	10	oz/a	LPOST				
	Agri-Dex	100	%	L	1	% v/v	1	% v/v	LPOST				
11	CLXP766									0a	17efg	17cd	15h
	Nontreated												

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Newpath and Beyond Tolerance to RiceTech Varieties

Trial ID:C16-33 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-33 Investigator:Eric P. Webster

Pest Code									RICE	RICE	RICE	RICE
Rating Date									Jul-5-2016	May-12-2016	May-12-2016	May-12-2016
Rating Type									INJURY	HEIGHT	HEIGHT	HEIGHT
Rating Unit									%	cm	cm	cm
Trt-Eval Interval									43 DA LPOST	6 DA EPOST	6 DA EPOST	6 DA EPOST
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
12	CLXP766									0a	17c-g	20a	18a-g
	Newpath	2LBA/GAL		L	0.094	lb ai/a	6oz/a		EPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST				
	Newpath	2LBA/GAL		L	0.094	lb ai/a	6oz/a		LPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	LPOST				
13	CLXP766									0a	17c-g	20a	17c-h
	Newpath	2LBA/GAL		L	0.188	lb ai/a	12oz/a		EPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST				
	Newpath	2LBA/GAL		L	0.188	lb ai/a	12oz/a		LPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	LPOST				
14	CLXP766									0a	17fg	18a-d	15gh
	Newpath	2LBA/GAL		L	0.094	lb ai/a	6oz/a		EPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST				
	Beyond	2LBA/GAL		L	0.078	lb ai/a	5oz/a		LPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	LPOST				
15	CLXP766									0a	19a-e	18a-d	17c-h
	Newpath	2LBA/GAL		L	0.188	lb ai/a	12oz/a		EPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST				
	Beyond	2LBA/GAL		L	0.156	lb ai/a	10oz/a		LPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	LPOST				
16	CL151									0a	18b-f	19a-d	20a-d
	Nontreated												
17	CL151									0a	21a	19abc	21a
	Newpath	2LBA/GAL		L	0.094	lb ai/a	6oz/a		EPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST				
	Newpath	2LBA/GAL		L	0.094	lb ai/a	6oz/a		LPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	LPOST				
18	CL151									0a	20ab	17bcd	20ab
	Newpath	2LBA/GAL		L	0.188	lb ai/a	12oz/a		EPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST				
	Newpath	2LBA/GAL		L	0.188	lb ai/a	12oz/a		LPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	LPOST				
19	CL151									0a	18b-f	20ab	19a-e
	Newpath	2LBA/GAL		L	0.094	lb ai/a	6oz/a		EPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST				
	Beyond	2LBA/GAL		L	0.078	lb ai/a	5oz/a		LPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	LPOST				
20	CL151									0a	18b-f	19abc	20abc
	Newpath	2LBA/GAL		L	0.188	lb ai/a	12oz/a		EPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST				
	Beyond	2LBA/GAL		L	0.156	lb ai/a	10oz/a		LPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	LPOST				
LSD P=.05										.	2.2	2.9	3.1
Standard Deviation										0.0	1.6	2.0	2.2
CV										0.0	8.75	11.23	12.44
Replicate F										0.000	1.397	0.265	2.704
Replicate Prob(F)										1.0000	0.2529	0.8502	0.0538
Treatment F										0.000	2.274	1.573	2.195
Treatment Prob(F)										1.0000	0.0089	0.0959	0.0117

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Newpath and Beyond Tolerance to RiceTech Varieties

Trial ID:C16-33 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-33 Investigator:Eric P. Webster

Pest Code Rating Date Rating Type Rating Unit Trt-Eval Interval									RICE May-12-2016 HEIGHT cm 6 DA EPOST	RICE May-12-2016 AVG HEIGHT cm 6 DA EPOST	RICE Aug-23-2016 HEIGHT cm At Harvest	RICE Aug-23-2016 HEIGHT cm At Harvest
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
1	CLXL729									15d	16e	131abc	132ab
	Nontreated												
2	CLXL729									18bcd	18b-e	130a-d	128abc
	Newpath	2LBA/GAL		L	0.094	lb ai/a	6	oz/a	EPOST				
	Agri-Dex	100%		L	1	% v/v	1	% v/v	EPOST				
	Newpath	2LBA/GAL		L	0.094	lb ai/a	6	oz/a	LPOST				
	Agri-Dex	100%		L	1	% v/v	1	% v/v	LPOST				
3	CLXL729									17bcd	17cde	135a	136a
	Newpath	2LBA/GAL		L	0.188	lb ai/a	12	oz/a	EPOST				
	Agri-Dex	100%		L	1	% v/v	1	% v/v	EPOST				
	Newpath	2LBA/GAL		L	0.188	lb ai/a	12	oz/a	LPOST				
	Agri-Dex	100%		L	1	% v/v	1	% v/v	LPOST				
4	CLXL729									18bcd	18b-e	131a-d	131abc
	Newpath	2LBA/GAL		L	0.094	lb ai/a	6	oz/a	EPOST				
	Agri-Dex	100%		L	1	% v/v	1	% v/v	EPOST				
	Beyond	2LBA/GAL		L	0.078	lb ai/a	5	oz/a	LPOST				
	Agri-Dex	100%		L	1	% v/v	1	% v/v	LPOST				
5	CLXL729									18bcd	17de	133ab	133ab
	Newpath	2LBA/GAL		L	0.188	lb ai/a	12	oz/a	EPOST				
	Agri-Dex	100%		L	1	% v/v	1	% v/v	EPOST				
	Beyond	2LBA/GAL		L	0.156	lb ai/a	10	oz/a	LPOST				
	Agri-Dex	100%		L	1	% v/v	1	% v/v	LPOST				
6	CLXL745									17bcd	18b-e	127a-d	129abc
	Nontreated												
7	CLXL745									18bcd	18b-e	126a-d	129abc
	Newpath	2LBA/GAL		L	0.094	lb ai/a	6	oz/a	EPOST				
	Agri-Dex	100%		L	1	% v/v	1	% v/v	EPOST				
	Newpath	2LBA/GAL		L	0.094	lb ai/a	6	oz/a	LPOST				
	Agri-Dex	100%		L	1	% v/v	1	% v/v	LPOST				
8	CLXL745									20ab	18b-e	123bcd	126abc
	Newpath	2LBA/GAL		L	0.188	lb ai/a	12	oz/a	EPOST				
	Agri-Dex	100%		L	1	% v/v	1	% v/v	EPOST				
	Newpath	2LBA/GAL		L	0.188	lb ai/a	12	oz/a	LPOST				
	Agri-Dex	100%		L	1	% v/v	1	% v/v	LPOST				
9	CLXL745									18bcd	18b-e	129a-d	128abc
	Newpath	2LBA/GAL		L	0.094	lb ai/a	6	oz/a	EPOST				
	Agri-Dex	100%		L	1	% v/v	1	% v/v	EPOST				
	Beyond	2LBA/GAL		L	0.078	lb ai/a	5	oz/a	LPOST				
	Agri-Dex	100%		L	1	% v/v	1	% v/v	LPOST				
10	CLXL745									20ab	19ab	133ab	124bc
	Newpath	2LBA/GAL		L	0.188	lb ai/a	12	oz/a	EPOST				
	Agri-Dex	100%		L	1	% v/v	1	% v/v	EPOST				
	Beyond	2LBA/GAL		L	0.156	lb ai/a	10	oz/a	LPOST				
	Agri-Dex	100%		L	1	% v/v	1	% v/v	LPOST				
11	CLXP766									17bcd	16e	120cde	121cd
	Nontreated												

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Newpath and Beyond Tolerance to RiceTech Varieties

Trial ID:C16-33 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-33 Investigator:Eric P. Webster

Pest Code									RICE	RICE	RICE	RICE
Rating Date									May-12-2016	May-12-2016	Aug-23-2016	Aug-23-2016
Rating Type									HEIGHT	AVG HEIGHT	HEIGHT	HEIGHT
Rating Unit									cm	cm	cm	cm
Trt-Eval Interval									6 DA EPOST	6 DA EPOST	At Harvest	At Harvest
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage				
12	CLXP766									16cd	18b-e	126a-d	124bc
	Newpath	2LBA/GAL		L	0.094	lb ai/a	6oz/a		EPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST				
	Newpath	2LBA/GAL		L	0.094	lb ai/a	6oz/a		LPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	LPOST				
13	CLXP766									16cd	18b-e	120de	123bc
	Newpath	2LBA/GAL		L	0.188	lb ai/a	12oz/a		EPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST				
	Newpath	2LBA/GAL		L	0.188	lb ai/a	12oz/a		LPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	LPOST				
14	CLXP766									15d	16e	129a-d	127abc
	Newpath	2LBA/GAL		L	0.094	lb ai/a	6oz/a		EPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST				
	Beyond	2LBA/GAL		L	0.078	lb ai/a	5oz/a		LPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	LPOST				
15	CLXP766									17bcd	18b-e	132ab	129abc
	Newpath	2LBA/GAL		L	0.188	lb ai/a	12oz/a		EPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST				
	Beyond	2LBA/GAL		L	0.156	lb ai/a	10oz/a		LPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	LPOST				
16	CL151									17bcd	19bcd	103f	101e
	Nontreated												
17	CL151									22a	21a	108f	108e
	Newpath	2LBA/GAL		L	0.094	lb ai/a	6oz/a		EPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST				
	Newpath	2LBA/GAL		L	0.094	lb ai/a	6oz/a		LPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	LPOST				
18	CL151									19abc	19ab	109ef	111de
	Newpath	2LBA/GAL		L	0.188	lb ai/a	12oz/a		EPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST				
	Newpath	2LBA/GAL		L	0.188	lb ai/a	12oz/a		LPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	LPOST				
19	CL151									20ab	19ab	110ef	112de
	Newpath	2LBA/GAL		L	0.094	lb ai/a	6oz/a		EPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST				
	Beyond	2LBA/GAL		L	0.078	lb ai/a	5oz/a		LPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	LPOST				
20	CL151									17bcd	19bc	110ef	111de
	Newpath	2LBA/GAL		L	0.188	lb ai/a	12oz/a		EPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST				
	Beyond	2LBA/GAL		L	0.156	lb ai/a	10oz/a		LPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	LPOST				
LSD P=.05										3.1	1.9	11.3	11.0
Standard Deviation										2.2	1.4	8.0	7.8
CV										12.59	7.6	6.5	6.32
Replicate F										0.507	1.889	4.732	5.088
Replicate Prob(F)										0.6788	0.1416	0.0051	0.0034
Treatment F										2.118	2.522	6.270	5.883
Treatment Prob(F)										0.0153	0.0037	0.0001	0.0001

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Newpath and Beyond Tolerance to RiceTech Varieties

Trial ID:C16-33 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-33 Investigator:Eric P. Webster

Pest Code Rating Date Rating Type Rating Unit Trt-Eval Interval									RICE Aug-23-2016 HEIGHT cm At Harvest	RICE Aug-23-2016 HEIGHT cm At Harvest	RICE Aug-23-2016 AVG HEIGHT cm At Harvest	RICE Aug-23-2016 MOISTURE % At Harvest
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
1	CLXL729									129abc	130ab	130abc	17a
	Nontreated												
2	CLXL729									129abc	127ab	129abc	17a-d
	Newpath	2	LBA/GAL	L	0.094	lb ai/a	6	oz/a	EPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST				
	Newpath	2	LBA/GAL	L	0.094	lb ai/a	6	oz/a	LPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	LPOST				
3	CLXL729									135a	136a	135a	16cde
	Newpath	2	LBA/GAL	L	0.188	lb ai/a	12	oz/a	EPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST				
	Newpath	2	LBA/GAL	L	0.188	lb ai/a	12	oz/a	LPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	LPOST				
4	CLXL729									131ab	130ab	131ab	17abc
	Newpath	2	LBA/GAL	L	0.094	lb ai/a	6	oz/a	EPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST				
	Beyond	2	LBA/GAL	L	0.078	lb ai/a	5	oz/a	LPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	LPOST				
5	CLXL729									133ab	131ab	132a	16b-e
	Newpath	2	LBA/GAL	L	0.188	lb ai/a	12	oz/a	EPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST				
	Beyond	2	LBA/GAL	L	0.156	lb ai/a	10	oz/a	LPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	LPOST				
6	CLXL745									130ab	129ab	129abc	16de
	Nontreated												
7	CLXL745									132ab	130ab	129abc	17a-d
	Newpath	2	LBA/GAL	L	0.094	lb ai/a	6	oz/a	EPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST				
	Newpath	2	LBA/GAL	L	0.094	lb ai/a	6	oz/a	LPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	LPOST				
8	CLXL745									129abc	130ab	127abc	15e
	Newpath	2	LBA/GAL	L	0.188	lb ai/a	12	oz/a	EPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST				
	Newpath	2	LBA/GAL	L	0.188	lb ai/a	12	oz/a	LPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	LPOST				
9	CLXL745									130ab	128ab	129abc	16de
	Newpath	2	LBA/GAL	L	0.094	lb ai/a	6	oz/a	EPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST				
	Beyond	2	LBA/GAL	L	0.078	lb ai/a	5	oz/a	LPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	LPOST				
10	CLXL745									130ab	126abc	128abc	15e
	Newpath	2	LBA/GAL	L	0.188	lb ai/a	12	oz/a	EPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST				
	Beyond	2	LBA/GAL	L	0.156	lb ai/a	10	oz/a	LPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	LPOST				
11	CLXP766									124bc	124bc	122bc	16a-e
	Nontreated												

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Newpath and Beyond Tolerance to RiceTech Varieties

Trial ID:C16-33 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-33 Investigator:Eric P. Webster

Pest Code									RICE	RICE	RICE	RICE
Rating Date									Aug-23-2016	Aug-23-2016	Aug-23-2016	Aug-23-2016
Rating Type									HEIGHT	HEIGHT	AVG HEIGHT	MOISTURE
Rating Unit									cm	cm	cm	%
Trt-Eval Interval									At Harvest	At Harvest	At Harvest	At Harvest
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage				
12	CLXP766									128abc	128ab	127abc	16a-e
	Newpath	2LBA/GAL		L	0.094	lb ai/a	6oz/a		EPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST				
	Newpath	2LBA/GAL		L	0.094	lb ai/a	6oz/a		LPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	LPOST				
13	CLXP766									119cd	124bc	121c	16a-e
	Newpath	2LBA/GAL		L	0.188	lb ai/a	12oz/a		EPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST				
	Newpath	2LBA/GAL		L	0.188	lb ai/a	12oz/a		LPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	LPOST				
14	CLXP766									125abc	125abc	127abc	16de
	Newpath	2LBA/GAL		L	0.094	lb ai/a	6oz/a		EPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST				
	Beyond	2LBA/GAL		L	0.078	lb ai/a	5oz/a		LPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	LPOST				
15	CLXP766									127abc	127ab	129abc	17ab
	Newpath	2LBA/GAL		L	0.188	lb ai/a	12oz/a		EPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST				
	Beyond	2LBA/GAL		L	0.156	lb ai/a	10oz/a		LPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	LPOST				
16	CL151									103e	106d	103d	
	Nontreated												
17	CL151									110de	115cd	110d	
	Newpath	2LBA/GAL		L	0.094	lb ai/a	6oz/a		EPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST				
	Newpath	2LBA/GAL		L	0.094	lb ai/a	6oz/a		LPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	LPOST				
18	CL151									109de	110d	110d	
	Newpath	2LBA/GAL		L	0.188	lb ai/a	12oz/a		EPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST				
	Newpath	2LBA/GAL		L	0.188	lb ai/a	12oz/a		LPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	LPOST				
19	CL151									111de	109d	110d	
	Newpath	2LBA/GAL		L	0.094	lb ai/a	6oz/a		EPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST				
	Beyond	2LBA/GAL		L	0.078	lb ai/a	5oz/a		LPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	LPOST				
20	CL151									112de	112d	111d	
	Newpath	2LBA/GAL		L	0.188	lb ai/a	12oz/a		EPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST				
	Beyond	2LBA/GAL		L	0.156	lb ai/a	10oz/a		LPOST				
	Agri-Dex	100%		L	1%	v/v	1%	v/v	LPOST				
LSD P=.05										10.5	11.1	9.2	1.1
Standard Deviation										7.4	7.8	6.5	0.7
CV										5.98	6.34	5.26	4.59
Replicate F										8.387	6.168	8.405	3.756
Replicate Prob(F)										0.0001	0.0011	0.0001	0.0179
Treatment F										6.716	4.824	8.139	2.438
Treatment Prob(F)										0.0001	0.0001	0.0001	0.0135

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Newpath and Beyond Tolerance to RiceTech Varieties

Trial ID:C16-33 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-33 Investigator:Eric P. Webster

Pest Code Rating Date Rating Type Rating Unit Trt-Eval Interval									RICE Aug-23-2016 YIELD g At Harvest	RICE Aug-23-2016 YIELD LB/A At Harvest	RICE Aug-23-2016 YIELD KG/HA At Harvest
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage		
1	CLXL729									1292h	3365h	3772h
	Nontreated											
2	CLXL729									2648b-e	6934cde	7772cde
	Newpath	2	LBA/GAL	L	0.094	lb ai/a	6	oz/a	EPOST			
	Agri-Dex	100%		L	1	% v/v	1	% v/v	EPOST			
	Newpath	2	LBA/GAL	L	0.094	lb ai/a	6	oz/a	LPOST			
	Agri-Dex	100%		L	1	% v/v	1	% v/v	LPOST			
3	CLXL729									2352ef	6215ef	6966ef
	Newpath	2	LBA/GAL	L	0.188	lb ai/a	12	oz/a	EPOST			
	Agri-Dex	100%		L	1	% v/v	1	% v/v	EPOST			
	Newpath	2	LBA/GAL	L	0.188	lb ai/a	12	oz/a	LPOST			
	Agri-Dex	100%		L	1	% v/v	1	% v/v	LPOST			
4	CLXL729									1721gh	4499gh	5043gh
	Newpath	2	LBA/GAL	L	0.094	lb ai/a	6	oz/a	EPOST			
	Agri-Dex	100%		L	1	% v/v	1	% v/v	EPOST			
	Beyond	2	LBA/GAL	L	0.078	lb ai/a	5	oz/a	LPOST			
	Agri-Dex	100%		L	1	% v/v	1	% v/v	LPOST			
5	CLXL729									2421def	6397def	7170def
	Newpath	2	LBA/GAL	L	0.188	lb ai/a	12	oz/a	EPOST			
	Agri-Dex	100%		L	1	% v/v	1	% v/v	EPOST			
	Beyond	2	LBA/GAL	L	0.156	lb ai/a	10	oz/a	LPOST			
	Agri-Dex	100%		L	1	% v/v	1	% v/v	LPOST			
6	CLXL745									1348h	3577h	4009h
	Nontreated											
7	CLXL745									2159fg	5653fg	6336fg
	Newpath	2	LBA/GAL	L	0.094	lb ai/a	6	oz/a	EPOST			
	Agri-Dex	100%		L	1	% v/v	1	% v/v	EPOST			
	Newpath	2	LBA/GAL	L	0.094	lb ai/a	6	oz/a	LPOST			
	Agri-Dex	100%		L	1	% v/v	1	% v/v	LPOST			
8	CLXL745									1668h	4437gh	4974gh
	Newpath	2	LBA/GAL	L	0.188	lb ai/a	12	oz/a	EPOST			
	Agri-Dex	100%		L	1	% v/v	1	% v/v	EPOST			
	Newpath	2	LBA/GAL	L	0.188	lb ai/a	12	oz/a	LPOST			
	Agri-Dex	100%		L	1	% v/v	1	% v/v	LPOST			
9	CLXL745									2295ef	6083ef	6818ef
	Newpath	2	LBA/GAL	L	0.094	lb ai/a	6	oz/a	EPOST			
	Agri-Dex	100%		L	1	% v/v	1	% v/v	EPOST			
	Beyond	2	LBA/GAL	L	0.078	lb ai/a	5	oz/a	LPOST			
	Agri-Dex	100%		L	1	% v/v	1	% v/v	LPOST			
10	CLXL745									2637de	7034b-e	7884b-e
	Newpath	2	LBA/GAL	L	0.188	lb ai/a	12	oz/a	EPOST			
	Agri-Dex	100%		L	1	% v/v	1	% v/v	EPOST			
	Beyond	2	LBA/GAL	L	0.156	lb ai/a	10	oz/a	LPOST			
	Agri-Dex	100%		L	1	% v/v	1	% v/v	LPOST			
11	CLXP766									3274a	8633a	9677a
	Nontreated											

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Newpath and Beyond Tolerance to RiceTech Varieties

Trial ID:C16-33 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-33 Investigator:Eric P. Webster

Pest Code									RICE	RICE	RICE
Rating Date									Aug-23-2016	Aug-23-2016	Aug-23-2016
Rating Type									YIELD	YIELD	YIELD
Rating Unit									g	LB/A	KG/HA
Trt-Eval Interval									At Harvest	At Harvest	At Harvest
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
12	CLXP766									2644cde	6966cde	7808cde
	Newpath	2LBA/GAL		L	0.094	lb ai/a	6oz/a		EPOST			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST			
	Newpath	2LBA/GAL		L	0.094	lb ai/a	6oz/a		LPOST			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	LPOST			
13	CLXP766									3113abc	8207ab	9198ab
	Newpath	2LBA/GAL		L	0.188	lb ai/a	12oz/a		EPOST			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST			
	Newpath	2LBA/GAL		L	0.188	lb ai/a	12oz/a		LPOST			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	LPOST			
14	CLXP766									2857a-d	7560a-d	8474a-d
	Newpath	2LBA/GAL		L	0.094	lb ai/a	6oz/a		EPOST			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST			
	Beyond	2LBA/GAL		L	0.078	lb ai/a	5oz/a		LPOST			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	LPOST			
15	CLXP766									3123ab	8155abc	9140abc
	Newpath	2LBA/GAL		L	0.188	lb ai/a	12oz/a		EPOST			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST			
	Beyond	2LBA/GAL		L	0.156	lb ai/a	10oz/a		LPOST			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	LPOST			
16	CL151											
	Nontreated											
17	CL151											
	Newpath	2LBA/GAL		L	0.094	lb ai/a	6oz/a		EPOST			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST			
	Newpath	2LBA/GAL		L	0.094	lb ai/a	6oz/a		LPOST			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	LPOST			
18	CL151											
	Newpath	2LBA/GAL		L	0.188	lb ai/a	12oz/a		EPOST			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST			
	Newpath	2LBA/GAL		L	0.188	lb ai/a	12oz/a		LPOST			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	LPOST			
19	CL151											
	Newpath	2LBA/GAL		L	0.094	lb ai/a	6oz/a		EPOST			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST			
	Beyond	2LBA/GAL		L	0.078	lb ai/a	5oz/a		LPOST			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	LPOST			
20	CL151											
	Newpath	2LBA/GAL		L	0.188	lb ai/a	12oz/a		EPOST			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	EPOST			
	Beyond	2LBA/GAL		L	0.156	lb ai/a	10oz/a		LPOST			
	Agri-Dex	100%		L	1%	v/v	1%	v/v	LPOST			
LSD P=.05										475.2	1235.7	1385.0
Standard Deviation										333.0	865.9	970.6
CV										14.05	13.86	13.86
Replicate F										1.076	1.198	1.198
Replicate Prob(F)										0.3697	0.3222	0.3222
Treatment F										14.355	14.736	14.736
Treatment Prob(F)										0.0001	0.0001	0.0001

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School of Plant, Environmental and Soil Sciences

Dow Showcase Treatments

Experiment number	**C15-37**
Location	RRS-Crowley, LA
Experimental design	RCB
Number of reps	4
Plot size	5'x17'
Row width/# per plot	7.5"/8
Soil type	Crowley silt loam (3% sand, 69% silt, 28% clay)
% OM	1.4
pH	6.4
CEC	19.1
Crop/Variety	CL 111
Planting date	4/6/16
Emergence date	4/16/16
Harvest date	NA

Application type	DPRE	PREFLOOD	POSTFLOOD
Date applied [mm/dd/yy]	4/18/16	5/16/16	5/23/16
Time [hh:mm-hh:mm]	10:40-10:50a	12:55-1:00p	10:45-10:50a
Air/Soil temperature [F]	72/64	76/76	85/77
Relative humidity [%]	78%	78%	64%
Wind [mph, direction]	7-10, ESE	5-7, ESE	6-8, ESE
Weather [sunny, etc]	cloudy	cloudy	pt. cloudy
Soil/Leaf surface moist	wet/dry	dry/dry	flood/dry
Crop stage/Height	NA/NA	4-5lf/4-8"	1-2til/12-15"
Sprayer type/MPH	BKPK/3.0	BKPK/3.0	BKPK/3.0
Nozzle type/Size*	FF/110015	FF/110015	FF/110015
Boom ht/# Noz/Spacing	15/5/15	15/5/15	15/5/15
GPA/PSI	15/22	15/22	15/20
Applied by	BMM	SYR	SYR

Weed Species (population)	---------- (height/#leaves) ----------		
ALRPH(3-6m^{-2})	0.50-2"/1-6lf	8-20"/20-30lf	8-20"/20-30lf
ECHCG(20-100m^{-2})	0.25-1"/cot-3lf	6-12"/4lf-2til	6-12"/1-2til
BRAPP(1-20m^{-2})	0.25-1"/cot-2lf	4-8"/3-5lf	6-8"/4-7lf
CYPES(1-7m^{-2})	1-6"/2-4lf	8-12"/3-9lf	8-12"/6-9lf
CYPIR(50-200m^{-2})		2-4"/3-6lf	3-8"/3-9lf
SEBEX(1-2m^{-2})		6-8"/4-6lf	6-10"/4-7lf
AESIN(1-2m^{-2})		6-8"/4-6lf	6-10"/4-7lf
LEFPA(5-10m^{-2})		6-8"/4-5lf	8-10"/4lf-2til

Flush Dates	NA
Permanent Flood	5/18/16

*AMFF – Air mix flat fan nozzles

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Dow Showcase Treatments

Trial ID:C16-37 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-37 Investigator:Eric P. Webster

Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	ECHCG May-25-2016 CONTROL % 9 DA PREFL	ECHCG Jun-7-2016 CONTROL % 15 DA POSTF	ECHCG Jun-24-2016 CONTROL % 32 DA POSTF
1	Nontreated									0e	0f	0d
2	Command	3	LBA/GAL	ME	0.15	lb ai/a	6.4	oz/a	DPRE	76a	79b	78c
	Rebel EX	2.03	LBA/GAL	SE	0.285	lb ai/a	18	oz/a	PREFLOOD			
	MSO	100%		L	1%	v/v	1%	v/v	PREFLOOD			
3	Command	3	LBA/GAL	ME	0.15	lb ai/a	6.4	oz/a	DPRE	65b	61d	80bc
	Grasp XTRA	1.75	LBA/GAL	SC	0.246	lb ai/a	18	oz/a	PREFLOOD			
	MSO	100%		L	1%	v/v	1%	v/v	PREFLOOD			
4	Command	3	LBA/GAL	ME	0.15	lb ai/a	6.4	oz/a	DPRE	36c	71c	84ab
	Rebel EX	2.03	LBA/GAL	SE	0.317	lb ai/a	20	oz/a	POSTFLOOD			
	MSO	100%		L	1%	v/v	1%	v/v	POSTFLOOD			
5	Command	3	LBA/GAL	ME	0.15	lb ai/a	6.4	oz/a	DPRE	41c	86a	88a
	Clincher	2.38	LBA/GAL	EC	0.28	lb ai/a	15	oz/a	POSTFLOOD			
	MSO	100%		L	1%	v/v	1%	v/v	POSTFLOOD			
6	Command	3	LBA/GAL	ME	0.15	lb ai/a	6.4	oz/a	DPRE	26d	48e	85ab
	Grasp XTRA	1.75	LBA/GAL	SC	0.273	lb ai/a	20	oz/a	POSTFLOOD			
	MSO	100%		L	1%	v/v	1%	v/v	POSTFLOOD			
LSD P=.05										6.6	6.6	5.9
Standard Deviation										4.3	4.4	3.9
CV										10.64	7.67	5.71
Replicate F										0.735	0.143	0.785
Replicate Prob(F)										0.5471	0.9327	0.5208
Treatment F										158.382	201.086	298.076
Treatment Prob(F)										0.0001	0.0001	0.0001

Means followed by same letter or symbol do not significantly differ (P=.05, LSD)
Could not calculate LSD (% mean diff) for columns 18,19,20 because error mean square = 0.

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Dow Showcase Treatments

Trial ID:C16-37 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-37 Investigator:Eric P. Webster

Pest Code									BRAPP	BRAPP	CYPES
Rating Date									May-25-2016	Jun-7-2016	May-25-2016
Rating Type									CONTROL	CONTROL	CONTROL
Rating Unit									%	%	%
Trt-Eval Interval									9 DA PREFL	15 DA POSTF	9 DA PREFL
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
1	Nontreated									0d	0d	0c
2	Command	3	LBA/GAL	ME	0.15	lb ai/a	6.4	oz/a	DPRE	74a	86a	76b
	Rebel EX	2.03	LBA/GAL	SE	0.285	lb ai/a	18	oz/a	PREFLOOD			
	MSO	100%		L	1%	v/v	1%	v/v	PREFLOOD			
3	Command	3	LBA/GAL	ME	0.15	lb ai/a	6.4	oz/a	DPRE	68a	50c	88a
	Grasp XTRA	1.75	LBA/GAL	SC	0.246	lb ai/a	18	oz/a	PREFLOOD			
	MSO	100%		L	1%	v/v	1%	v/v	PREFLOOD			
4	Command	3	LBA/GAL	ME	0.15	lb ai/a	6.4	oz/a	DPRE	38b	76b	0c
	Rebel EX	2.03	LBA/GAL	SE	0.317	lb ai/a	20	oz/a	POSTFLOOD			
	MSO	100%		L	1%	v/v	1%	v/v	POSTFLOOD			
5	Command	3	LBA/GAL	ME	0.15	lb ai/a	6.4	oz/a	DPRE	43b	88a	0c
	Clincher	2.38	LBA/GAL	EC	0.28	lb ai/a	15	oz/a	POSTFLOOD			
	MSO	100%		L	1%	v/v	1%	v/v	POSTFLOOD			
6	Command	3	LBA/GAL	ME	0.15	lb ai/a	6.4	oz/a	DPRE	28c	55c	0c
	Grasp XTRA	1.75	LBA/GAL	SC	0.273	lb ai/a	20	oz/a	POSTFLOOD			
	MSO	100%		L	1%	v/v	1%	v/v	POSTFLOOD			
LSD P=.05										6.7	5.8	3.5
Standard Deviation										4.5	3.8	2.3
CV										10.77	6.48	8.58
Replicate F										1.167	2.075	0.696
Replicate Prob(F)										0.3550	0.1465	0.5686
Treatment F										146.561	295.076	1312.595
Treatment Prob(F)										0.0001	0.0001	0.0001

LSU AgCenter SPESS

Dow Showcase Treatments

Trial ID:C16-37 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-37 Investigator:Eric P. Webster

Pest Code									CYPES	CYPES	CYPIR
Rating Date									Jun-7-2016	Jun-24-2016	May-25-2016
Rating Type									CONTROL	CONTROL	CONTROL
Rating Unit									%	%	%
Trt-Eval Interval									15 DA POSTF	32 DA POSTF	9 DA PREFL
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
1	Nontreated									0d	0b	0c
2	Command	3	LBA/GAL	ME	0.15	lb ai/a	6.4	oz/a	DPRE	94a	84a	88a
	Rebel EX	2.03	LBA/GAL	SE	0.285	lb ai/a	18	oz/a	PREFLOOD			
	MSO	100%		L	1%	v/v	1%	v/v	PREFLOOD			
3	Command	3	LBA/GAL	ME	0.15	lb ai/a	6.4	oz/a	DPRE	93a	84a	84b
	Grasp XTRA	1.75	LBA/GAL	SC	0.246	lb ai/a	18	oz/a	PREFLOOD			
	MSO	100%		L	1%	v/v	1%	v/v	PREFLOOD			
4	Command	3	LBA/GAL	ME	0.15	lb ai/a	6.4	oz/a	DPRE	48c	81a	0c
	Rebel EX	2.03	LBA/GAL	SE	0.317	lb ai/a	20	oz/a	POSTFLOOD			
	MSO	100%		L	1%	v/v	1%	v/v	POSTFLOOD			
5	Command	3	LBA/GAL	ME	0.15	lb ai/a	6.4	oz/a	DPRE	0d	0b	0c
	Clincher	2.38	LBA/GAL	EC	0.28	lb ai/a	15	oz/a	POSTFLOOD			
	MSO	100%		L	1%	v/v	1%	v/v	POSTFLOOD			
6	Command	3	LBA/GAL	ME	0.15	lb ai/a	6.4	oz/a	DPRE	68b	86a	0c
	Grasp XTRA	1.75	LBA/GAL	SC	0.273	lb ai/a	20	oz/a	POSTFLOOD			
	MSO	100%		L	1%	v/v	1%	v/v	POSTFLOOD			
LSD P=.05										6.8	6.6	3.3
Standard Deviation										4.5	4.4	2.2
CV										9.01	7.9	7.78
Replicate F										1.407	0.571	1.338
Replicate Prob(F)										0.2796	0.6424	0.2994
Treatment F										352.729	385.286	1587.254
Treatment Prob(F)										0.0001	0.0001	0.0001

LSU AgCenter SPESS

Dow Showcase Treatments

Trial ID:C16-37 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-37 Investigator:Eric P. Webster

Pest Code									CYPIR	CYPIR	ALRPH
Rating Date									Jun-7-2016	Jun-24-2016	May-25-2016
Rating Type									CONTROL	CONTROL	CONTROL
Rating Unit									%	%	%
Trt-Eval Interval									15 DA POSTF	32 DA POSTF	9 DA PREFL
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
1	Nontreated									0d	0c	0c
2	Command	3	LBA/GAL	ME	0.15	lb ai/a	6.4	oz/a	DPRE	96a	85ab	86a
	Rebel EX	2.03	LBA/GAL	SE	0.285	lb ai/a	18	oz/a	PREFLOOD			
	MSO	100%		L	1%	v/v	1%	v/v	PREFLOOD			
3	Command	3	LBA/GAL	ME	0.15	lb ai/a	6.4	oz/a	DPRE	93a	85ab	88a
	Grasp XTRA	1.75	LBA/GAL	SC	0.246	lb ai/a	18	oz/a	PREFLOOD			
	MSO	100%		L	1%	v/v	1%	v/v	PREFLOOD			
4	Command	3	LBA/GAL	ME	0.15	lb ai/a	6.4	oz/a	DPRE	54c	84b	20b
	Rebel EX	2.03	LBA/GAL	SE	0.317	lb ai/a	20	oz/a	POSTFLOOD			
	MSO	100%		L	1%	v/v	1%	v/v	POSTFLOOD			
5	Command	3	LBA/GAL	ME	0.15	lb ai/a	6.4	oz/a	DPRE	0d	0c	0c
	Clincher	2.38	LBA/GAL	EC	0.28	lb ai/a	15	oz/a	POSTFLOOD			
	MSO	100%		L	1%	v/v	1%	v/v	POSTFLOOD			
6	Command	3	LBA/GAL	ME	0.15	lb ai/a	6.4	oz/a	DPRE	73b	90a	0c
	Grasp XTRA	1.75	LBA/GAL	SC	0.273	lb ai/a	20	oz/a	POSTFLOOD			
	MSO	100%		L	1%	v/v	1%	v/v	POSTFLOOD			
LSD P=.05										6.0	5.7	3.2
Standard Deviation										4.0	3.8	2.1
CV										7.66	6.62	6.48
Replicate F										0.700	1.232	2.143
Replicate Prob(F)										0.5665	0.3328	0.1375
Treatment F										465.993	549.290	1689.381
Treatment Prob(F)										0.0001	0.0001	0.0001

LSU AgCenter SPESS

Dow Showcase Treatments

Trial ID:C16-37 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-37 Investigator:Eric P. Webster

Pest Code									ALRPH	SEBEX	SEBEX
Rating Date									Jun-7-2016	May-25-2016	Jun-24-2016
Rating Type									CONTROL	CONTROL	CONTROL
Rating Unit									%	%	%
Trt-Eval Interval									15 DA POSTF	9 DA PREFL	32 DA POSTF
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
1	Nontreated									0d	0b	0b
2	Command	3	LBA/GAL	ME	0.15	lb ai/a	6.4	oz/a	DPRE	91a	95a	89a
	Rebel EX	2.03	LBA/GAL	SE	0.285	lb ai/a	18	oz/a	PREFLOOD			
	MSO	100%		L	1%	v/v	1%	v/v	PREFLOOD			
3	Command	3	LBA/GAL	ME	0.15	lb ai/a	6.4	oz/a	DPRE	91a	94a	91a
	Grasp XTRA	1.75	LBA/GAL	SC	0.246	lb ai/a	18	oz/a	PREFLOOD			
	MSO	100%		L	1%	v/v	1%	v/v	PREFLOOD			
4	Command	3	LBA/GAL	ME	0.15	lb ai/a	6.4	oz/a	DPRE	46c	0b	91a
	Rebel EX	2.03	LBA/GAL	SE	0.317	lb ai/a	20	oz/a	POSTFLOOD			
	MSO	100%		L	1%	v/v	1%	v/v	POSTFLOOD			
5	Command	3	LBA/GAL	ME	0.15	lb ai/a	6.4	oz/a	DPRE	0d	0b	0b
	Clincher	2.38	LBA/GAL	EC	0.28	lb ai/a	15	oz/a	POSTFLOOD			
	MSO	100%		L	1%	v/v	1%	v/v	POSTFLOOD			
6	Command	3	LBA/GAL	ME	0.15	lb ai/a	6.4	oz/a	DPRE	71b	0b	90a
	Grasp XTRA	1.75	LBA/GAL	SC	0.273	lb ai/a	20	oz/a	POSTFLOOD			
	MSO	100%		L	1%	v/v	1%	v/v	POSTFLOOD			
LSD P=.05										4.1	1.5	3.8
Standard Deviation										2.7	1.0	2.5
CV										5.37	3.24	4.18
Replicate F										0.769	1.000	3.242
Replicate Prob(F)										0.5289	0.4199	0.0519
Treatment F										982.385	9121.001	1377.264
Treatment Prob(F)										0.0001	0.0001	0.0001

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Dow Showcase Treatments

Trial ID:C16-37 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-37 Investigator:Eric P. Webster

Pest Code									LEFPA	LEFPA	RICE
Rating Date									Jun-7-2016	Jun-24-2016	May-25-2016
Rating Type									CONTROL	CONTROL	INJURY
Rating Unit									%	%	%
Trt-Eval Interval									15 DA POSTF	32 DA POSTF	9 DA PREFL
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
1	Nontreated									0c	0c	0b
2	Command	3	LBA/GAL	ME	0.15	lb ai/a	6.4	oz/a	DPRE	90a	84ab	0b
	Rebel EX	2.03	LBA/GAL	SE	0.285	lb ai/a	18	oz/a	PREFLOOD			
	MSO	100%		L	1%	v/v	1%	v/v	PREFLOOD			
3	Command	3	LBA/GAL	ME	0.15	lb ai/a	6.4	oz/a	DPRE	90a	75b	10a
	Grasp XTRA	1.75	LBA/GAL	SC	0.246	lb ai/a	18	oz/a	PREFLOOD			
	MSO	100%		L	1%	v/v	1%	v/v	PREFLOOD			
4	Command	3	LBA/GAL	ME	0.15	lb ai/a	6.4	oz/a	DPRE	86ab	86a	0b
	Rebel EX	2.03	LBA/GAL	SE	0.317	lb ai/a	20	oz/a	POSTFLOOD			
	MSO	100%		L	1%	v/v	1%	v/v	POSTFLOOD			
5	Command	3	LBA/GAL	ME	0.15	lb ai/a	6.4	oz/a	DPRE	80ab	88a	0b
	Clincher	2.38	LBA/GAL	EC	0.28	lb ai/a	15	oz/a	POSTFLOOD			
	MSO	100%		L	1%	v/v	1%	v/v	POSTFLOOD			
6	Command	3	LBA/GAL	ME	0.15	lb ai/a	6.4	oz/a	DPRE	75b	81ab	0b
	Grasp XTRA	1.75	LBA/GAL	SC	0.273	lb ai/a	20	oz/a	POSTFLOOD			
	MSO	100%		L	1%	v/v	1%	v/v	POSTFLOOD			
LSD P=.05										14.1	10.3	.
Standard Deviation										9.4	6.8	0.0
CV										13.34	9.87	0.0
Replicate F										1.152	0.262	0.000
Replicate Prob(F)										0.3605	0.8514	1.0000
Treatment F										55.537	100.250	0.000
Treatment Prob(F)										0.0001	0.0001	1.0000

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Dow Showcase Treatments

Trial ID:C16-37 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-37 Investigator:Eric P. Webster

Pest Code									RICE	RICE
Rating Date									Jun-7-2016	Jun-24-2016
Rating Type									INURY	INJURY
Rating Unit									%	%
Trt-Eval Interval									15 DA POSTF	32 DA POSTF
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	
1	Nontreated									0a	0a
2	Command	3	LBA/GAL	ME	0.15	lb ai/a	6.4	oz/a	DPRE	0a	0a
	Rebel EX	2.03	LBA/GAL	SE	0.285	lb ai/a	18	oz/a	PREFLOOD		
	MSO	100%		L	1%	v/v	1%	v/v	PREFLOOD		
3	Command	3	LBA/GAL	ME	0.15	lb ai/a	6.4	oz/a	DPRE	0a	0a
	Grasp XTRA	1.75	LBA/GAL	SC	0.246	lb ai/a	18	oz/a	PREFLOOD		
	MSO	100%		L	1%	v/v	1%	v/v	PREFLOOD		
4	Command	3	LBA/GAL	ME	0.15	lb ai/a	6.4	oz/a	DPRE	0a	0a
	Rebel EX	2.03	LBA/GAL	SE	0.317	lb ai/a	20	oz/a	POSTFLOOD		
	MSO	100%		L	1%	v/v	1%	v/v	POSTFLOOD		
5	Command	3	LBA/GAL	ME	0.15	lb ai/a	6.4	oz/a	DPRE	0a	0a
	Clincher	2.38	LBA/GAL	EC	0.28	lb ai/a	15	oz/a	POSTFLOOD		
	MSO	100%		L	1%	v/v	1%	v/v	POSTFLOOD		
6	Command	3	LBA/GAL	ME	0.15	lb ai/a	6.4	oz/a	DPRE	0a	0a
	Grasp XTRA	1.75	LBA/GAL	SC	0.273	lb ai/a	20	oz/a	POSTFLOOD		
	MSO	100%		L	1%	v/v	1%	v/v	POSTFLOOD		
LSD P=.05										.	.
Standard Deviation										0.0	0.0
CV										0.0	0.0
Replicate F										0.000	0.000
Replicate Prob(F)										1.0000	1.0000
Treatment F										0.000	0.000
Treatment Prob(F)										1.0000	1.0000

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Comparison of Liquid Spray and Fertilizer Impregnated

Experiment number .....: **C16-44**
Location.....: RRS-Crowley, LA
Experimental design .....: RCB
Number of reps.....: 4
Plot size.....: 5'x17'
Row width/# per plot .....: 7.5"/8
Soil type .....: Crowley silt loam (3% sand, 69% silt, 28% clay)
% OM .....: 1.4
pH .....: 6.4
CEC.....: 19.1
Crop/Variety .....: CL 111
Planting date .....: 4/6/16
Emergence date .....: 4/16/16
Harvest date .....: NA

Application type .....: POSTFLOOD
Date applied [mm/dd/yy] .....: 5/23/16
Time [hh:mm-hh:mm] .....: 3:19-3:21p
Air/Soil temperature [F].....: 86/77
Relative humidity [%] .....: 55%
Wind [mph, direction] .....: 5-7, SE
Weather [sunny, etc].....: sunny
Soil/Leaf surface moist .....: flood/dry
Crop stage/Height.....: 1-2til/12-16"
Sprayer type/MPH .....: BKPK/3.0
Nozzle type/Size* .....: FF/110015
Boom ht/# Noz/Spacing .....: 15/5/15
GPA/PSI.....: 15/20
Applied by.....: BMM

Weed Species (population)..:- (height/#leaves) -
ECHCG(10-15m^{-2}) .....: 12-18"/1til-heading
ALRPH(5-7m^{-2}).....: 12-20"/12-20lf
HETLI(30-50m^{-2}).....: 1-2"/spoon
SEBEX(3-5m^{-2}).....: 4-10"/4-10lf

Flush Dates .....: NA
Permanent Flood .....: 5/18/16

*AMFF – Air mix flat fan nozzles

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Comparison of Liquid Spray and Fertilizer Impregnated Post-Flood Applications of Rogue Plus in Drill-Seeded Rice

Trial ID:C16-44 Location: Trial Year:2016
Protocol ID:C16-44 Investigator:Eric P. Webster

Pest Code									ECHCG	ECHCG	ECHCG	ALRPH
Rating Date									Jun-7-2016	Jun-22-2016	Jul-5-2016	Jun-7-2016
Rating Type									CONTROL	CONTROL	CONTROL	CONTROL
Rating Unit									%	%	%	%
Trt-Eval Interval									15 DAT	30 DAT	43 DAT	15 DAT
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage				
1	Nontreated									0c	0a	0c	0b
2	GWN-10469	76.5%	DG		0.33	lb/a	115	g ai/a	POSTFLOOD	28b	0a	33b	65a
	COC	100%	L		1	% v/v	19.2	fl oz/a	POSTFLOOD				
3	GWN-10469	76.5%	DG		0.5	lb/a	173	g ai/a	POSTFLOOD	30b	0a	33b	60a
	COC	100%	L		1	% v/v	19.2	fl oz/a	POSTFLOOD				
4	GWN-10469	76.5%	DG		0.33	lb/a	115	g ai/a	POSTFLOOD	30b	0a	40a	68a
	Urea	46%	G		100	lb/a	46	lb ai/a	POSTFLOOD				
5	GWN-10469	76.5%	DG		0.5	lb/a	173	g ai/a	POSTFLOOD	40a	0a	30b	65a
	Urea	46%	G		100	lb/a	46	lb ai/a	POSTFLOOD				
LSD P=.05										3.4	.	5.1	9.1
Standard Deviation										2.2	0.0	3.3	5.9
CV										8.77	0.0	12.19	11.49
Replicate F										1.000	0.000	0.615	0.524
Replicate Prob(F)										0.4262	1.0000	0.6181	0.6741
Treatment F										181.000	0.000	89.308	95.571
Treatment Prob(F)										0.0001	1.0000	0.0001	0.0001

Means followed by same letter or symbol do not significantly differ (P=.05, LSD)
Could not calculate LSD (% mean diff) for columns 2,12,13,14 because error mean square = 0.

LSU AgCenter SPESS

Comparison of Liquid Spray and Fertilizer Impregnated Post-Flood Applications of Rogue Plus in Drill-Seeded Rice

Trial ID:C16-44 Location: Trial Year:2016
Protocol ID:C16-44 Investigator:Eric P. Webster

Pest Code									ALRPH	ALRPH	HETLI	HETLI
Rating Date									Jun-22-2016	Jul-5-2016	Jun-7-2016	Jun-22-2016
Rating Type									CONTROL	CONTROL	CONTROL	CONTROL
Rating Unit									%	%	%	%
Trt-Eval Interval									30 DAT	43 DAT	15 DAT	30 DAT
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage				
1	Nontreated									0c	0b	0b	0c
2	GWN-10469	76.5%	DG		0.33	lb/a	115	g ai/a	POSTFLOOD	40a	40a	70a	91a
	COC	100%	L		1	% v/v	19.2	fl oz/a	POSTFLOOD				
3	GWN-10469	76.5%	DG		0.5	lb/a	173	g ai/a	POSTFLOOD	38ab	38a	63a	91a
	COC	100%	L		1	% v/v	19.2	fl oz/a	POSTFLOOD				
4	GWN-10469	76.5%	DG		0.33	lb/a	115	g ai/a	POSTFLOOD	33b	43a	65a	94a
	Urea	46%	G		100	lb/a	46	lb ai/a	POSTFLOOD				
5	GWN-10469	76.5%	DG		0.5	lb/a	173	g ai/a	POSTFLOOD	38ab	41a	63a	88b
	Urea	46%	G		100	lb/a	46	lb ai/a	POSTFLOOD				
LSD P=.05										6.4	6.0	7.6	3.7
Standard Deviation										4.2	3.9	4.9	2.4
CV										14.18	12.17	9.45	3.26
Replicate F										0.286	1.811	4.966	0.815
Replicate Prob(F)										0.8348	0.1988	0.0182	0.5100
Treatment F										63.857	85.216	141.414	1179.667
Treatment Prob(F)										0.0001	0.0001	0.0001	0.0001

LSU AgCenter SPESS

Comparison of Liquid Spray and Fertilizer Impregnated Post-Flood Applications of Rogue Plus in Drill-Seeded Rice

Trial ID:C16-44 Location: Trial Year:2016
Protocol ID:C16-44 Investigator:Eric P. Webster

Pest Code								HETLI	SEBEX	SEBEX	RICE
Rating Date								Jul-5-2016	Jun-22-2016	Jul-5-2016	Jun-7-2016
Rating Type								CONTROL	CONTROL	CONTROL	INJURY
Rating Unit								%	%	%	%
Trt-Eval Interval								43 DAT	30 DAT	43 DAT	15 DAT
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage				
1	Nontreated									0b	0c	0b	0a
2	GWN-10469	76.5%	DG		0.33	lb/a	115	g ai/a	POSTFLOOD	93a	90a	88a	0a
	COC	100%	L		1%	v/v	19.2	fl oz/a	POSTFLOOD				
3	GWN-10469	76.5%	DG		0.5	lb/a	173	g ai/a	POSTFLOOD	90a	86ab	86a	0a
	COC	100%	L		1%	v/v	19.2	fl oz/a	POSTFLOOD				
4	GWN-10469	76.5%	DG		0.33	lb/a	115	g ai/a	POSTFLOOD	93a	86ab	88a	0a
	Urea	46%	G		100	lb/a	46	lb ai/a	POSTFLOOD				
5	GWN-10469	76.5%	DG		0.5	lb/a	173	g ai/a	POSTFLOOD	91a	81b	84a	0a
	Urea	46%	G		100	lb/a	46	lb ai/a	POSTFLOOD				
LSD P=.05										3.6	6.3	6.6	.
Standard Deviation										2.3	4.1	4.3	0.0
CV										3.18	5.98	6.17	0.0
Replicate F										0.231	2.049	2.207	0.000
Replicate Prob(F)										0.8732	0.1607	0.1400	1.0000
Treatment F										1239.000	352.407	328.862	0.000
Treatment Prob(F)										0.0001	0.0001	0.0001	1.0000

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Comparison of Liquid Spray and Fertilizer Impregnated Post-Flood Applications of Rogue Plus in Drill-Seeded Rice

Trial ID:C16-44 Location: Trial Year:2016
Protocol ID:C16-44 Investigator:Eric P. Webster

Pest Code								RICE	RICE	RICE	RICE
Rating Date								Jun-22-2016	Jul-5-2016	Aug-10-2016	Aug-10-2016
Rating Type								INJURY	INJURY	HEIGHT	HEIGHT
Rating Unit								%	%	cm	cm
Trt-Eval Interval								30 DAT	43 DAT	At Harvest	At Harvest
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage				
1	Nontreated									0a	0a	99a	99a
2	GWN-10469	76.5%	DG		0.33	lb/a	115	g ai/a	POSTFLOOD	0a	0a	94a	96a
	COC	100%	L		1	% v/v	19.2	fl oz/a	POSTFLOOD				
3	GWN-10469	76.5%	DG		0.5	lb/a	173	g ai/a	POSTFLOOD	0a	0a	100a	100a
	COC	100%	L		1	% v/v	19.2	fl oz/a	POSTFLOOD				
4	GWN-10469	76.5%	DG		0.33	lb/a	115	g ai/a	POSTFLOOD	0a	0a	101a	101a
	Urea	46%	G		100	lb/a	46	lb ai/a	POSTFLOOD				
5	GWN-10469	76.5%	DG		0.5	lb/a	173	g ai/a	POSTFLOOD	0a	0a	99a	98a
	Urea	46%	G		100	lb/a	46	lb ai/a	POSTFLOOD				
LSD P=.05										.	.	10.3	9.4
Standard Deviation										0.0	0.0	6.7	6.1
CV										0.0	0.0	6.8	6.19
Replicate F										0.000	0.000	1.859	0.475
Replicate Prob(F)										1.0000	1.0000	0.1904	0.7052
Treatment F										0.000	0.000	0.677	0.376
Treatment Prob(F)										1.0000	1.0000	0.6205	0.8213

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Comparison of Liquid Spray and Fertilizer Impregnated Post-Flood Applications of Rogue Plus in Drill-Seeded Rice

Trial ID:C16-44 Location: Trial Year:2016
Protocol ID:C16-44 Investigator:Eric P. Webster

Pest Code									RICE	RICE	RICE
Rating Date									Aug-10-2016	Aug-10-2016	Aug-10-2016
Rating Type									HEIGHT	HEIGHT	HEIGHT
Rating Unit									cm	cm	cm
Trt-Eval Interval									At Harvest	At Harvest	At Harvest
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
1	Nontreated									103a	101a	100a
2	GWN-10469	76.5%	DG		0.33	lb/a	115	g ai/a	POSTFLOOD	98a	97a	96a
	COC	100%	L		1%	v/v	19.2	fl oz/a	POSTFLOOD			
3	GWN-10469	76.5%	DG		0.5	lb/a	173	g ai/a	POSTFLOOD	97a	101a	99a
	COC	100%	L		1%	v/v	19.2	fl oz/a	POSTFLOOD			
4	GWN-10469	76.5%	DG		0.33	lb/a	115	g ai/a	POSTFLOOD	98a	96a	99a
	Urea	46%	G		100	lb/a	46	lb ai/a	POSTFLOOD			
5	GWN-10469	76.5%	DG		0.5	lb/a	173	g ai/a	POSTFLOOD	98a	98a	98a
	Urea	46%	G		100	lb/a	46	lb ai/a	POSTFLOOD			
LSD P=.05										7.5	11.3	7.4
Standard Deviation										4.9	7.4	4.8
CV										4.94	7.47	4.86
Replicate F										1.143	0.584	1.039
Replicate Prob(F)										0.3712	0.6368	0.4104
Treatment F										0.869	0.466	0.408
Treatment Prob(F)										0.5105	0.7598	0.7994

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GWN-10235 Rate Study

Experiment number .....: **C16-46**
Location.....: RRS-Crowley, LA
Experimental design.....: RCB
Number of reps.....: 4
Plot size.....: 5'x17'
Row width/# per plot.....: 7.5"/8
Soil type .....: Crowley silt loam (3% sand, 69% silt, 28% clay)
% OM .....: 1.4
pH .....: 6.4
CEC.....: 19.1
Crop/Variety .....: No rice
Planting date .....: NA
Emergence date .....: NA
Harvest date.....: NA

Application type .....: SPOON
Date applied [mm/dd/yy].....: 5/23/16
Time [hh:mm-hh:mm] .....: 11:37-12:04
Air/Soil temperature [F].....: 80/77
Relative humidity [%].....: 60%
Wind [mph, direction].....: 6-8, ESE
Weather [sunny, etc].....: pt. cloudy
Soil/Leaf surface moist .....: flood/NA
Crop stage/Height.....: NA
Sprayer type/MPH .....: BKPK/3.0
Nozzle type/Size* .....: FF/110015
Boom ht/# Noz/Spacing.....: 15/5/15
GPA/PSI.....: 15/20
Applied by.....: BMM

Weed Species (population)..:- (height/#leaves) -
HETLI(150-200m^{-2}).....: 1-2"/spoon
ECHCG(5-7m^{-2}).....: 12-18"/2-4til
CYPES(3-5m^{-2}).....: 8-14"/6-9lf
ALRPH(3-5m^{-2}).....: 12-16"/8-20lf

Flush Dates .....: NA
Permanent Flood.....: 5/17/16

*AMFF – Air mix flat fan nozzles

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GWN-10235 Rate Study

Trial ID:C16-46 Location:Crowley Trial Year:2016
Protocol ID:C16-46 Investigator:Eric P. Webster

Trt Treatment No.	Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	ECHCG Jun-7-2016 CONTROL % 15 DAT	ECHCG Jun-24-2016 CONTROL % 32 DAT	ECHCG Jul-5-2016 CONTROL % 43 DAT	ECHCG Jul-25-2016 WEIGHT g At Harvest
1	Nontreated								0c	0e	0d	416a
2	GWN-10235	3.34	LB/GAL	SC	0.0275	lb ai/a	1.05	fl oz/a	0c	0e	0d	628a
	Agri-Dex	100%		SL	1%	v/v	19.2	oz/a				
3	GWN-10235	3.34	LB/GAL	SC	0.055	lb ai/a	2.1	fl oz/a	25bc	0e	0d	508a
	Agri-Dex	100%		SL	1%	v/v	19.2	oz/a				
4	GWN-10235	3.34	LB/GAL	SC	0.11	lb ai/a	4.2	fl oz/a	82a	0e	8c	235a
	Agri-Dex	100%		SL	1%	v/v	19.2	oz/a				
5	GWN-10235	3.34	LB/GAL	SC	0.165	lb ai/a	6.3	fl oz/a	78a	8d	8c	299a
	Agri-Dex	100%		SL	1%	v/v	19.2	oz/a				
6	GWN-10235	3.34	LB/GAL	SC	0.22	lb ai/a	8.4	fl oz/a	58ab	23c	13bc	576a
	Agri-Dex	100%		SL	1%	v/v	19.2	oz/a				
7	GWN-10235	3.34	LB/GAL	SC	0.44	lb ai/a	16.9	fl oz/a	76a	20c	14bc	154a
	Agri-Dex	100%		SL	1%	v/v	19.2	oz/a				
8	GWN-10235	3.34	LB/GAL	SC	0.66	lb ai/a	25.3	fl oz/a	87a	23c	15b	169a
	Agri-Dex	100%		SL	1%	v/v	19.2	oz/a				
9	GWN-10235	3.34	LB/GAL	SC	0.88	lb ai/a	33.7	fl oz/a	89a	38b	29a	66a
	Agri-Dex	100%		SL	1%	v/v	19.2	oz/a				
10	GWN-10235	3.34	LB/GAL	SC	1.1	lb ai/a	42	fl oz/a	92a	50a	34a	50a
	Agri-Dex	100%		SL	1%	v/v	19.2	oz/a				
LSD P=.05									49.7	7.4	7.2	888.7
Standard Deviation									34.2	5.1	5.0	612.5
CV									58.48	31.71	41.77	197.64
Replicate F									0.115	2.007	0.906	1.595
Replicate Prob(F)									0.9503	0.1367	0.4511	0.2137
Treatment F									4.559	48.604	22.366	0.474
Treatment Prob(F)									0.0010	0.0001	0.0001	0.8795

Means followed by same letter or symbol do not significantly differ (P=.05, LSD)
Could not calculate LSD (% mean diff) for columns 15,21,22,23 because error mean square = 0.

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GWN-10235 Rate Study

Trial ID:C16-46 Location:Crowley Trial Year:2016
Protocol ID:C16-46 Investigator:Eric P. Webster

Pest Code								HETLI	HETLI	HETLI	HETLI
Rating Date								Jun-7-2016	Jun-24-2016	Jul-5-2016	Jul-25-2016
Rating Type								CONTROL	CONTROL	CONTROL	WEIGHT
Rating Unit								%	%	%	g
Trt-Eval Interval								15 DAT	32 DAT	43 DAT	At Harvest
Trt Treatment No. Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit				
1 Nontreated								0f	0e	0e	3516a
2 GWN-10235	3.34	LB/GAL	SC	0.0275	lb ai/a	1.05	fl oz/a	0f	0e	0e	3360a
Agri-Dex	100%		SL	1%	v/v	19.2	oz/a				
3 GWN-10235	3.34	LB/GAL	SC	0.055	lb ai/a	2.1	fl oz/a	28e	30d	30d	2350ab
Agri-Dex	100%		SL	1%	v/v	19.2	oz/a				
4 GWN-10235	3.34	LB/GAL	SC	0.11	lb ai/a	4.2	fl oz/a	83d	76c	71c	1354bc
Agri-Dex	100%		SL	1%	v/v	19.2	oz/a				
5 GWN-10235	3.34	LB/GAL	SC	0.165	lb ai/a	6.3	fl oz/a	88cd	83c	75bc	753c
Agri-Dex	100%		SL	1%	v/v	19.2	oz/a				
6 GWN-10235	3.34	LB/GAL	SC	0.22	lb ai/a	8.4	fl oz/a	90bc	90b	81b	604c
Agri-Dex	100%		SL	1%	v/v	19.2	oz/a				
7 GWN-10235	3.34	LB/GAL	SC	0.44	lb ai/a	16.9	fl oz/a	96ab	97a	97a	0c
Agri-Dex	100%		SL	1%	v/v	19.2	oz/a				
8 GWN-10235	3.34	LB/GAL	SC	0.66	lb ai/a	25.3	fl oz/a	98a	97a	98a	0c
Agri-Dex	100%		SL	1%	v/v	19.2	oz/a				
9 GWN-10235	3.34	LB/GAL	SC	0.88	lb ai/a	33.7	fl oz/a	99a	99a	99a	0c
Agri-Dex	100%		SL	1%	v/v	19.2	oz/a				
10 GWN-10235	3.34	LB/GAL	SC	1.1	lb ai/a	42	fl oz/a	99a	99a	99a	0c
Agri-Dex	100%		SL	1%	v/v	19.2	oz/a				
LSD P=.05								6.0	6.9	8.1	1427.0
Standard Deviation								4.2	4.8	5.6	983.6
CV								6.12	7.13	8.59	82.41
Replicate F								0.540	0.596	1.242	0.520
Replicate Prob(F)								0.6589	0.6232	0.3139	0.6724
Treatment F								399.724	292.493	206.211	8.127
Treatment Prob(F)								0.0001	0.0001	0.0001	0.0001

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GWN-10235 Rate Study

Trial ID:C16-46 Location:Crowley Trial Year:2016
Protocol ID:C16-46 Investigator:Eric P. Webster

Pest Code								CYPES	CYPES	CYPES	CYPES
Rating Date								Jun-7-2016	Jun-24-2016	Jul-5-2016	Jul-25-2016
Rating Type								CONTROL	CONTROL	CONTROL	WEIGHT
Rating Unit								%	%	%	g
Trt-Eval Interval								15 DAT	32 DAT	43 DAT	At Harvest
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit				
1	Nontreated								0f	0e	0e	633a
2	GWN-10235	3.34LB/GAL	SC		0.0275	lb ai/a	1.05	fl oz/a	0f	0e	0e	578a
	Agri-Dex	100%	SL		1%	v/v	19.2	oz/a				
3	GWN-10235	3.34LB/GAL	SC		0.055	lb ai/a	2.1	fl oz/a	3f	0e	0e	362ab
	Agri-Dex	100%	SL		1%	v/v	19.2	oz/a				
4	GWN-10235	3.34LB/GAL	SC		0.11	lb ai/a	4.2	fl oz/a	8ef	3e	8d	138b
	Agri-Dex	100%	SL		1%	v/v	19.2	oz/a				
5	GWN-10235	3.34LB/GAL	SC		0.165	lb ai/a	6.3	fl oz/a	14de	8e	10cd	140b
	Agri-Dex	100%	SL		1%	v/v	19.2	oz/a				
6	GWN-10235	3.34LB/GAL	SC		0.22	lb ai/a	8.4	fl oz/a	24d	21d	10cd	377ab
	Agri-Dex	100%	SL		1%	v/v	19.2	oz/a				
7	GWN-10235	3.34LB/GAL	SC		0.44	lb ai/a	16.9	fl oz/a	48c	28cd	14c	58b
	Agri-Dex	100%	SL		1%	v/v	19.2	oz/a				
8	GWN-10235	3.34LB/GAL	SC		0.66	lb ai/a	25.3	fl oz/a	53bc	36bc	20b	0b
	Agri-Dex	100%	SL		1%	v/v	19.2	oz/a				
9	GWN-10235	3.34LB/GAL	SC		0.88	lb ai/a	33.7	fl oz/a	63ab	43ab	30a	50b
	Agri-Dex	100%	SL		1%	v/v	19.2	oz/a				
10	GWN-10235	3.34LB/GAL	SC		1.1	lb ai/a	42	fl oz/a	68a	50a	30a	3b
	Agri-Dex	100%	SL		1%	v/v	19.2	oz/a				
LSD P=.05									10.2	10.4	6.1	434.0
Standard Deviation									7.1	7.2	4.2	299.1
CV									25.43	38.4	34.84	128.06
Replicate F									1.288	0.563	0.222	2.705
Replicate Prob(F)									0.2986	0.6444	0.8804	0.0651
Treatment F									58.796	28.929	29.265	2.510
Treatment Prob(F)									0.0001	0.0001	0.0001	0.0311

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GWN-10235 Rate Study

Trial ID:C16-46 Location:Crowley Trial Year:2016
Protocol ID:C16-46 Investigator:Eric P. Webster

Pest Code								ALRPH	ALRPH	ALRPH	ALRPH
Rating Date								Jun-7-2016	Jun-24-2016	Jul-5-2016	Jul-25-2016
Rating Type								CONTROL	CONTROL	CONTROL	WEIGHT
Rating Unit								%	%	%	g
Trt-Eval Interval								15 DAT	32 DAT	43 DAT	At Harvest
Trt Treatment No. Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit				
1	Nontreated							0b	0e	0a	53ab
2	GWN-10235	3.34LB/GAL	SC	0.0275	lb ai/a	1.05	fl oz/a	0b	0e	0a	50ab
	Agri-Dex	100%	SL	1%	v/v	19.2	oz/a				
3	GWN-10235	3.34LB/GAL	SC	0.055	lb ai/a	2.1	fl oz/a	0b	0e	0a	0b
	Agri-Dex	100%	SL	1%	v/v	19.2	oz/a				
4	GWN-10235	3.34LB/GAL	SC	0.11	lb ai/a	4.2	fl oz/a	0b	3de	0a	24ab
	Agri-Dex	100%	SL	1%	v/v	19.2	oz/a				
5	GWN-10235	3.34LB/GAL	SC	0.165	lb ai/a	6.3	fl oz/a	0b	5de	0a	51ab
	Agri-Dex	100%	SL	1%	v/v	19.2	oz/a				
6	GWN-10235	3.34LB/GAL	SC	0.22	lb ai/a	8.4	fl oz/a	0b	10d	0a	20b
	Agri-Dex	100%	SL	1%	v/v	19.2	oz/a				
7	GWN-10235	3.34LB/GAL	SC	0.44	lb ai/a	16.9	fl oz/a	0b	21c	0a	0b
	Agri-Dex	100%	SL	1%	v/v	19.2	oz/a				
8	GWN-10235	3.34LB/GAL	SC	0.66	lb ai/a	25.3	fl oz/a	0b	29bc	0a	6b
	Agri-Dex	100%	SL	1%	v/v	19.2	oz/a				
9	GWN-10235	3.34LB/GAL	SC	0.88	lb ai/a	33.7	fl oz/a	8a	36b	0a	128a
	Agri-Dex	100%	SL	1%	v/v	19.2	oz/a				
10	GWN-10235	3.34LB/GAL	SC	1.1	lb ai/a	42	fl oz/a	0b	51a	0a	0b
	Agri-Dex	100%	SL	1%	v/v	19.2	oz/a				
LSD P=.05								6.9	9.9	.	108.0
Standard Deviation								4.7	6.8	0.0	74.4
CV								632.46	44.16	0.0	224.56
Replicate F								1.000	0.960	0.000	1.099
Replicate Prob(F)								0.4079	0.4256	1.0000	0.3666
Treatment F								1.000	27.960	0.000	1.149
Treatment Prob(F)								0.4635	0.0001	1.0000	0.3648

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GWN-10235 Rate Study

Trial ID:C16-46 Location:Crowley Trial Year:2016
Protocol ID:C16-46 Investigator:Eric P. Webster

Pest Code									ROTIN	AMMRB	LINDU	SAGFA
Rating Date									Jul-25-2016	Jul-25-2016	Jul-25-2016	Jul-25-2016
Rating Type									WEIGHT	WEIGHT	WEIGHT	WEIGHT
Rating Unit									g	g	g	g
Trt-Eval Interval									At Harvest	At Harvest	At Harvest	At Harvest
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit				
1	Nontreated								1099a	314c	0b	0a
2	GWN-10235	3.34LB/GAL	SC		0.0275	lb ai/a	1.05	fl oz/a	1064a	160c	0b	661a
	Agri-Dex	100%	SL		1%	v/v	19.2	oz/a				
3	GWN-10235	3.34LB/GAL	SC		0.055	lb ai/a	2.1	fl oz/a	645a	412c	127ab	392a
	Agri-Dex	100%	SL		1%	v/v	19.2	oz/a				
4	GWN-10235	3.34LB/GAL	SC		0.11	lb ai/a	4.2	fl oz/a	907a	1328abc	85ab	0a
	Agri-Dex	100%	SL		1%	v/v	19.2	oz/a				
5	GWN-10235	3.34LB/GAL	SC		0.165	lb ai/a	6.3	fl oz/a	555a	2307ab	74ab	698a
	Agri-Dex	100%	SL		1%	v/v	19.2	oz/a				
6	GWN-10235	3.34LB/GAL	SC		0.22	lb ai/a	8.4	fl oz/a	447a	1722abc	166ab	523a
	Agri-Dex	100%	SL		1%	v/v	19.2	oz/a				
7	GWN-10235	3.34LB/GAL	SC		0.44	lb ai/a	16.9	fl oz/a	476a	2986a	48ab	0a
	Agri-Dex	100%	SL		1%	v/v	19.2	oz/a				
8	GWN-10235	3.34LB/GAL	SC		0.66	lb ai/a	25.3	fl oz/a	278a	945bc	98ab	0a
	Agri-Dex	100%	SL		1%	v/v	19.2	oz/a				
9	GWN-10235	3.34LB/GAL	SC		0.88	lb ai/a	33.7	fl oz/a	355a	1091bc	219a	0a
	Agri-Dex	100%	SL		1%	v/v	19.2	oz/a				
10	GWN-10235	3.34LB/GAL	SC		1.1	lb ai/a	42	fl oz/a	103a	111c	29ab	0a
	Agri-Dex	100%	SL		1%	v/v	19.2	oz/a				
LSD P=.05									999.3	1717.9	199.0	1117.7
Standard Deviation									688.7	1184.0	137.2	770.4
CV									116.21	104.1	162.2	338.74
Replicate F									0.164	1.469	1.666	0.050
Replicate Prob(F)									0.9200	0.2452	0.1978	0.9848
Treatment F									0.948	2.668	1.074	0.625
Treatment Prob(F)									0.5019	0.0234	0.4125	0.7657

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GWN-10235 Rate Study

Trial ID:C16-46 Location:Crowley Trial Year:2016
Protocol ID:C16-46 Investigator:Eric P. Webster

Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	RICE Jun-7-2016 INJURY % 15 DAT	RICE Jun-24-2016 INJURY % 32 DAT	RICE Jul-5-2016 INJURY % 43 DAT
1	Nontreated								0a	0a	0a
2	GWN-10235	3.34	LB/GAL	SC	0.0275	lb ai/a	1.05	fl oz/a	0a	0a	0a
	Agri-Dex	100%		SL	1%	v/v	19.2	oz/a			
3	GWN-10235	3.34	LB/GAL	SC	0.055	lb ai/a	2.1	fl oz/a	0a	0a	0a
	Agri-Dex	100%		SL	1%	v/v	19.2	oz/a			
4	GWN-10235	3.34	LB/GAL	SC	0.11	lb ai/a	4.2	fl oz/a	0a	0a	0a
	Agri-Dex	100%		SL	1%	v/v	19.2	oz/a			
5	GWN-10235	3.34	LB/GAL	SC	0.165	lb ai/a	6.3	fl oz/a	0a	0a	0a
	Agri-Dex	100%		SL	1%	v/v	19.2	oz/a			
6	GWN-10235	3.34	LB/GAL	SC	0.22	lb ai/a	8.4	fl oz/a	0a	0a	0a
	Agri-Dex	100%		SL	1%	v/v	19.2	oz/a			
7	GWN-10235	3.34	LB/GAL	SC	0.44	lb ai/a	16.9	fl oz/a	0a	0a	0a
	Agri-Dex	100%		SL	1%	v/v	19.2	oz/a			
8	GWN-10235	3.34	LB/GAL	SC	0.66	lb ai/a	25.3	fl oz/a	0a	0a	0a
	Agri-Dex	100%		SL	1%	v/v	19.2	oz/a			
9	GWN-10235	3.34	LB/GAL	SC	0.88	lb ai/a	33.7	fl oz/a	0a	0a	0a
	Agri-Dex	100%		SL	1%	v/v	19.2	oz/a			
10	GWN-10235	3.34	LB/GAL	SC	1.1	lb ai/a	42	fl oz/a	0a	0a	0a
	Agri-Dex	100%		SL	1%	v/v	19.2	oz/a			
LSD P=.05									.	.	.
Standard Deviation									0.0	0.0	0.0
CV									0.0	0.0	0.0
Replicate F									0.000	0.000	0.000
Replicate Prob(F)									1.0000	1.0000	1.0000
Treatment F									0.000	0.000	0.000
Treatment Prob(F)									1.0000	1.0000	1.0000

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School of Plant, Environmental and Soil Sciences

Evaluation of Rice Cultivar Tolerance to Post-Flood Application of Benzobicyclon in Drill-Seeded Rice

Experiment number	**C16-47**
Location.....	RRS-Crowley, LA
Experimental design	RCB
Number of reps.....	4
Plot size.....	5'x17'
Row width/# per plot	7.5"/8
Soil type	Crowley silt loam (3% sand, 69% silt, 28% clay)
% OM	1.4
pH	6.4
CEC.....	19.1
Crop/Variety	Diamond, Mermentau, CL 111, CL 272, CLXL 745, Purple Marker
Planting date	4/14/16
Emergence date	4/18/16
Harvest date	8/9/16

Application type	**OVERSPRAY	2-3 LEAF
Date applied [mm/dd/yy]	4/25/16	5/16/16
Time [hh:mm-hh:mm]	1:40-1:50p	9:30-10:00a
Air/Soil temperature [F].....	83/74	76/74
Relative humidity [%]	60%	72%
Wind [mph, direction].....	5-7 S	4-7, ESE
Weather [sunny, etc].....	pt. cloudy	pt. cloudy
Soil/Leaf surface moist	wet/dry	flood/dry
Crop stage/Height.....	1lf/1-2"	3-4lf/6-10"
Sprayer type/MPH	BKPK/3.0	BKPK/3.0
Nozzle type/Size*	FF/110015	FF/11001
Boom ht/# Noz/Spacing	15/5/15	20/12/20
GPA/PSI	15/22	10/40
Applied by.....	EPW	EPW

Flush Dates	NA
Permanent Flood	5/17/16

*AMFF – Air mix flat fan nozzles

** Oversrpayed with Londax @ 1oz/A, Prowl EC @ 2.4 pt/A, Propanil @ 3qts/A, Facet L @ 1qt/A.

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Evaluation of Rice Cultivar Tolerance to Post-Flood Application of Benzobicyclon in Drill Seeded Rice

Trial ID:C16-47 Location: Trial Year:2016
Protocol ID:C16-47 Investigator:Eric P. Webster

Pest Code Rating Date Rating Type Rating Unit Trt-Eval Interval								RICE Jun-7-2016 INJURY % 15 DA POFL	RICE Jun-22-2016 INJURY % 30 DA POFL	RICE Jul-5-2016 INJURY % 43 DA POFL	RICE Aug-9-2016 HEIGHT cm At Harvest
Trt Treatment No. Name	Form Conc	Form Unit	Form Type	Rate Rate	Unit	Other Rate	Other Rate Unit	Growth Stage			
1Diamond Nontreated									0f	0d	0d	117bcd
2Diamond GWN-10469 COC	 76.5% 100%	 WDG L	 0.5lb/a 1% v/v	 173g ai/a 19.2fl oz/a	 2-3 LEAF 2-3 LEAF				24b	13b	3c	101fgh
3Diamond GWN-10469 COC	 76.5% 100%	 WDG L	 1lb/a 1% v/v	 347g ai/a 19.2fl oz/a	 2-3 LEAF 2-3 LEAF				11d	6c	0d	106d-g
4Purple Marker Nontreated									0f	0d	0d	108def
5Purple Marker GWN-10469 COC	 76.5% 100%	 WDG L	 0.5lb/a 1% v/v	 173g ai/a 19.2fl oz/a	 2-3 LEAF 2-3 LEAF				97a	98a	95a	0j
6Purple Marker GWN-10469 COC	 76.5% 100%	 WDG L	 1lb/a 1% v/v	 347g ai/a 19.2fl oz/a	 2-3 LEAF 2-3 LEAF				96a	97a	95a	0j
7Mermentau Nontreated									0f	0d	0d	107d-g
8Mermentau GWN-10469 COC	 76.5% 100%	 WDG L	 0.5lb/a 1% v/v	 173g ai/a 19.2fl oz/a	 2-3 LEAF 2-3 LEAF				25b	13b	8b	95ghi
9Mermentau GWN-10469 COC	 76.5% 100%	 WDG L	 1lb/a 1% v/v	 347g ai/a 19.2fl oz/a	 2-3 LEAF 2-3 LEAF				18c	9c	0d	104efg
10CL111 Nontreated									0f	0d	0d	113b-e
11CL111 GWN-10469 COC	 76.5% 100%	 WDG L	 0.5lb/a 1% v/v	 173g ai/a 19.2fl oz/a	 2-3 LEAF 2-3 LEAF				0f	0d	0d	109c-f
12CL111 GWN-10469 COC	 76.5% 100%	 WDG L	 1lb/a 1% v/v	 347g ai/a 19.2fl oz/a	 2-3 LEAF 2-3 LEAF				0f	0d	0d	108def
13CL252 Nontreated									0f	0d	0d	85i
14CL252 GWN-10469 COC	 76.5% 100%	 WDG L	 0.5lb/a 1% v/v	 173g ai/a 19.2fl oz/a	 2-3 LEAF 2-3 LEAF				16c	9c	6b	92hi
15CL252 GWN-10469 COC	 76.5% 100%	 WDG L	 1lb/a 1% v/v	 347g ai/a 19.2fl oz/a	 2-3 LEAF 2-3 LEAF				9d	1d	8b	103e-h
16CLXL745 Nontreated									0f	0d	0d	122ab
17CLXL745 GWN-10469 COC	 76.5% 100%	 WDG L	 0.5lb/a 1% v/v	 173g ai/a 19.2fl oz/a	 2-3 LEAF 2-3 LEAF				5e	1d	0d	120abc

Means followed by same letter or symbol do not significantly differ (P=.05, LSD)

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Evaluation of Rice Cultivar Tolerance to Post-Flood Application of Benzobicyclon in Drill Seeded Rice

Trial ID:C16-47 Location: Trial Year:2016
Protocol ID:C16-47 Investigator:Eric P. Webster

Pest Code								RICE	RICE	RICE	RICE
Rating Date								Jun-7-2016	Jun-22-2016	Jul-5-2016	Aug-9-2016
Rating Type								INJURY	INJURY	INJURY	HEIGHT
Rating Unit								%	%	%	cm
Trt-Eval Interval								15 DA POFL	30 DA POFL	43 DA POFL	At Harvest
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage				
18	CLXL745									0f	0d	0d	130a
	GWN-10469	76.5%		WDG	1lb/a		347g ai/a		2-3 LEAF				
	COC	100%		L	1% v/v		19.2fl oz/a		2-3 LEAF				
LSD P=.05										3.5	2.6	1.9	11.6
Standard Deviation										2.4	1.8	1.3	8.2
CV										14.61	13.47	11.18	8.6
Replicate F										0.618	2.010	0.722	7.359
Replicate Prob(F)										0.6064	0.1242	0.5435	0.0003
Treatment F										615.516	1118.662	2090.884	78.367
Treatment Prob(F)										0.0001	0.0001	0.0001	0.0001

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Evaluation of Rice Cultivar Tolerance to Post-Flood Application of Benzobicyclon in Drill Seeded Rice

Trial ID:C16-47 Location: Trial Year:2016
Protocol ID:C16-47 Investigator:Eric P. Webster

Pest Code Rating Date Rating Type Rating Unit Trt-Eval Interval								RICE Aug-9-2016 HEIGHT cm At Harvest	RICE Aug-9-2016 HEIGHT cm At Harvest	RICE Aug-9-2016 HEIGHT cm At Harvest	RICE Aug-9-2016 AVG HEIGHT cm At Harvest
Trt Treatment No. Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
1Diamond Nontreated									113bc	116ab	111bc	114bc
2Diamond									99fg	100def	101def	100ef
GWN-10469	76.5%		WDG	0.5	lb/a	173	g ai/a	2-3 LEAF				
COC	100%		L	1	% v/v	19.2	fl oz/a	2-3 LEAF				
3Diamond									108cde	107cd	107cd	107cde
GWN-10469	76.5%		WDG	1	lb/a	347	g ai/a	2-3 LEAF				
COC	100%		L	1	% v/v	19.2	fl oz/a	2-3 LEAF				
4Purple Marker Nontreated									109cde	111bc	110bcd	109cd
5Purple Marker									0h	0g	0g	0h
GWN-10469	76.5%		WDG	0.5	lb/a	173	g ai/a	2-3 LEAF				
COC	100%		L	1	% v/v	19.2	fl oz/a	2-3 LEAF				
6Purple Marker									0h	0g	0g	0h
GWN-10469	76.5%		WDG	1	lb/a	347	g ai/a	2-3 LEAF				
COC	100%		L	1	% v/v	19.2	fl oz/a	2-3 LEAF				
7Mermentau Nontreated									106c-f	106cde	105cde	106de
8Mermentau									99fg	98ef	97ef	97fg
GWN-10469	76.5%		WDG	0.5	lb/a	173	g ai/a	2-3 LEAF				
COC	100%		L	1	% v/v	19.2	fl oz/a	2-3 LEAF				
9Mermentau									104def	106cd	107cd	105de
GWN-10469	76.5%		WDG	1	lb/a	347	g ai/a	2-3 LEAF				
COC	100%		L	1	% v/v	19.2	fl oz/a	2-3 LEAF				
10CL111 Nontreated									109cde	109bc	112bc	111cd
11CL111									112bcd	106cde	107cd	108cd
GWN-10469	76.5%		WDG	0.5	lb/a	173	g ai/a	2-3 LEAF				
COC	100%		L	1	% v/v	19.2	fl oz/a	2-3 LEAF				
12CL111									110cde	111bc	113bc	110cd
GWN-10469	76.5%		WDG	1	lb/a	347	g ai/a	2-3 LEAF				
COC	100%		L	1	% v/v	19.2	fl oz/a	2-3 LEAF				
13CL252 Nontreated									106c-f	104cde	104cde	100ef
14CL252									91g	92f	95f	92g
GWN-10469	76.5%		WDG	0.5	lb/a	173	g ai/a	2-3 LEAF				
COC	100%		L	1	% v/v	19.2	fl oz/a	2-3 LEAF				
15CL252									104ef	104cde	105cde	104def
GWN-10469	76.5%		WDG	1	lb/a	347	g ai/a	2-3 LEAF				
COC	100%		L	1	% v/v	19.2	fl oz/a	2-3 LEAF				
16CLXL745 Nontreated									123a	124a	124a	123a
17CLXL745									119ab	121a	117ab	119ab
GWN-10469	76.5%		WDG	0.5	lb/a	173	g ai/a	2-3 LEAF				
COC	100%		L	1	% v/v	19.2	fl oz/a	2-3 LEAF				

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Evaluation of Rice Cultivar Tolerance to Post-Flood Application of Benzobicyclon in Drill Seeded Rice

Trial ID:C16-47 Location: Trial Year:2016
Protocol ID:C16-47 Investigator:Eric P. Webster

Pest Code								RICE	RICE	RICE	RICE
Rating Date								Aug-9-2016	Aug-9-2016	Aug-9-2016	Aug-9-2016
Rating Type								HEIGHT	HEIGHT	HEIGHT	AVG HEIGHT
Rating Unit								cm	cm	cm	cm
Trt-Eval Interval								At Harvest	At Harvest	At Harvest	At Harvest
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage				
18	CLXL745									125a	121a	125a	125a
	GWN-10469	76.5%		WDG	1lb/a		347g ai/a		2-3 LEAF				
	COC	100%		L	1% v/v		19.2fl oz/a		2-3 LEAF				
LSD P=.05										8.0	8.5	9.0	7.6
Standard Deviation										5.6	6.0	6.4	5.4
CV										5.83	6.19	6.59	5.58
Replicate F										9.993	6.745	12.345	12.759
Replicate Prob(F)										0.0001	0.0006	0.0001	0.0001
Treatment F										164.347	145.656	127.896	179.928
Treatment Prob(F)										0.0001	0.0001	0.0001	0.0001

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Evaluation of Rice Cultivar Tolerance to Post-Flood Application of Benzobicyclon in Drill Seeded Rice

Trial ID:C16-47 Location: Trial Year:2016
Protocol ID:C16-47 Investigator:Eric P. Webster

Pest Code Rating Date Rating Type Rating Unit Trt-Eval Interval								RICE Aug-9-2016 MOISTURE % At Harvest	RICE Aug-9-2016 YIELD g At Harvest	RICE Aug-9-2016 YIELD LB/A At Harvest	RICE Aug-9-2016 YIELD KG/HA At Harvest
Trt Treatment No. Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
1Diamond Nontreated									19abc	3069d	6374d	7145d
2Diamond GWN-10469 COC	 76.5% 100%	 WDG L	 0.5lb/a 1% v/v	 173g ai/a 19.2fl oz/a	 2-3 LEAF 2-3 LEAF				21a	2297f	4653f	5215f
3Diamond GWN-10469 COC	 76.5% 100%	 WDG L	 1lb/a 1% v/v	 347g ai/a 19.2fl oz/a	 2-3 LEAF 2-3 LEAF				19abc	3050d	6370d	7140d
4Purple Marker Nontreated									21ab	2472ef	5034ef	5642ef
5Purple Marker GWN-10469 COC	 76.5% 100%	 WDG L	 0.5lb/a 1% v/v	 173g ai/a 19.2fl oz/a	 2-3 LEAF 2-3 LEAF				0d	0h	0h	0h
6Purple Marker GWN-10469 COC	 76.5% 100%	 WDG L	 1lb/a 1% v/v	 347g ai/a 19.2fl oz/a	 2-3 LEAF 2-3 LEAF				0d	0h	0h	0h
7Mermentau Nontreated									21a	2973d	6033de	6762de
8Mermentau GWN-10469 COC	 76.5% 100%	 WDG L	 0.5lb/a 1% v/v	 173g ai/a 19.2fl oz/a	 2-3 LEAF 2-3 LEAF				20abc	1647g	3390g	3800g
9Mermentau GWN-10469 COC	 76.5% 100%	 WDG L	 1lb/a 1% v/v	 347g ai/a 19.2fl oz/a	 2-3 LEAF 2-3 LEAF				21a	3231d	6543d	7333d
10CL111 Nontreated									18abc	2336f	4929f	5524f
11CL111 GWN-10469 COC	 76.5% 100%	 WDG L	 0.5lb/a 1% v/v	 173g ai/a 19.2fl oz/a	 2-3 LEAF 2-3 LEAF				17c	2152f	4583f	5136f
12CL111 GWN-10469 COC	 76.5% 100%	 WDG L	 1lb/a 1% v/v	 347g ai/a 19.2fl oz/a	 2-3 LEAF 2-3 LEAF				19abc	2414f	5039ef	5647ef
13CL252 Nontreated									19abc	3119d	6492d	7277d
14CL252 GWN-10469 COC	 76.5% 100%	 WDG L	 0.5lb/a 1% v/v	 173g ai/a 19.2fl oz/a	 2-3 LEAF 2-3 LEAF				19abc	2874de	5960de	6680de
15CL252 GWN-10469 COC	 76.5% 100%	 WDG L	 1lb/a 1% v/v	 347g ai/a 19.2fl oz/a	 2-3 LEAF 2-3 LEAF				20abc	3259d	6694d	7503d
16CLXL745 Nontreated									21ab	4138c	8425c	9443c
17CLXL745 GWN-10469 COC	 76.5% 100%	 WDG L	 0.5lb/a 1% v/v	 173g ai/a 19.2fl oz/a	 2-3 LEAF 2-3 LEAF				20abc	4630b	9484b	10630b

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Evaluation of Rice Cultivar Tolerance to Post-Flood Application of Benzobicyclon in Drill Seeded Rice

Trial ID:C16-47 Location: Trial Year:2016
Protocol ID:C16-47 Investigator:Eric P. Webster

Pest Code								RICE	RICE	RICE	RICE
Rating Date								Aug-9-2016	Aug-9-2016	Aug-9-2016	Aug-9-2016
Rating Type								MOISTURE	YIELD	YIELD	YIELD
Rating Unit								%	g	LB/A	KG/HA
Trt-Eval Interval								At Harvest	At Harvest	At Harvest	At Harvest
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage				
18	CLXL745									18bc	5138a	10877a	12192a
	GWN-10469	76.5%		WDG	1lb/a		347g ai/a		2-3 LEAF				
	COC	100%		L	1% v/v		19.2fl oz/a		2-3 LEAF				
LSD P=.05										3.5	444.1	1003.7	1125.0
Standard Deviation										2.5	312.8	707.0	792.5
CV										14.14	11.54	12.62	12.62
Replicate F										1.246	1.512	0.963	0.963
Replicate Prob(F)										0.3027	0.2227	0.4173	0.4173
Treatment F										27.541	70.414	59.275	59.275
Treatment Prob(F)										0.0001	0.0001	0.0001	0.0001

LSU AgCenter
School of Plant, Environmental and Soil Sciences

Evaluation of Rice Cultivar Tolerance to Post-Flood Application of Benzobicyclon in Water-Seeded Rice

Experiment number	**C16-48**
Location.....	RRS-Crowley, LA
Experimental design	RCB
Number of reps.....	4
Plot size.....	5'x17'
Row width/# per plot	7.5"/8
Soil type	Crowley silt loam (3% sand, 69% silt, 28% clay)
% OM	1.4
pH	6.4
CEC.....	19.1
Crop/Variety	Diamond, Mermentau, CL 111, CL 272, CLXL 745, Purple Marker
Planting date	4/14/16
Emergence date	4/18/16
Harvest date	8/9/16

Application type	**OVERSPRAY	Pinpoint	3-4LEAF
Date applied [mm/dd/yy]	4/25/16	4/29/16	5/18/16
Time [hh:mm-hh:mm]	1:30-1:40P	10:06-10:08a	9:30-10:00a
Air/Soil temperature [F].....	83/74	82/78	76/74
Relative humidity [%]	60%	90%	72%
Wind [mph, direction].....	5-7, S	8-10, SE	4-7, ESE
Weather [sunny, etc].....	pt. cloudy	sunny	pt. cloudy
Soil/Leaf surface moist	wet/dry	wet/wet	flood/dry
Crop stage/Height.....	1lf/1-2"	1-2lf/1-3"	3-4lf/6-10"
Sprayer type/MPH	BKPK/3.0	BKPK/3.0	BKPK/3.0
Nozzle type/Size*	FF/110015	FF/110015	FF/110015
Boom ht/# Noz/Spacing	15/5/15	20/12/20	20/12/20
GPA/PSI	15/22	10/47	10/40
Applied by.....	EPW	EPW	EPW

Flush Dates	NA
Permanent Flood	5/17/18

*AMFF – Air mix flat fan nozzles

** Oversprayed with Clincher @ 25 oz/A, Londaz @ 1oz/A, and 1 % COC

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Evaluation of Rice Cultivar Tolerance to Post-Flood Application of Benzobicyclon in Water-Seeded Rice

Trial ID:C16-48 Location: Trial Year:2016
Protocol ID:C16-48 Investigator:Eric P. Webster

Pest Code									RICE	RICE	RICE	RICE
Rating Date									May-11-2016	May-25-2016	Jun-7-2016	Jun-22-2016
Rating Type									INJURY	INJURY	INJURY	INJURY
Rating Unit									%	%	%	%
Trt-Eval Interval									12 DA PINPT	26 DA PINPT	20 DA 3-4LF	35 DA 3-4LF
Trt Treatment No. Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage				
1Diamond Nontreated									0f	0d	0e	0c
2Diamond									24e	24c	8d	0c
GWN-10469	76.5%		WDG	1lb/a		347g ai/a		PINPOINT				
COC	100%		L	1% v/v		19.2fl oz/a		PINPOINT				
3Diamond											0e	0c
GWN-10469	76.5%		WDG	1lb/a		347g ai/a		3-4 LEAF				
COC	100%		L	1% v/v		19.2fl oz/a		3-4 LEAF				
4Purple Marker Nontreated									0f	0d	0e	0c
5Purple Marker									99a	98a	99a	97a
GWN-10469	76.5%		WDG	1lb/a		347g ai/a		PINPOINT				
COC	100%		L	1% v/v		19.2fl oz/a		PINPOINT				
6Purple Marker											93b	96a
GWN-10469	76.5%		WDG	1lb/a		347g ai/a		3-4 LEAF				
COC	100%		L	1% v/v		19.2fl oz/a		3-4 LEAF				
7Mermentau Nontreated									0f	0d	0e	0c
8Mermentau									48b	35b	14c	0c
GWN-10469	76.5%		WDG	1lb/a		347g ai/a		PINPOINT				
COC	100%		L	1% v/v		19.2fl oz/a		PINPOINT				
9Mermentau											13c	6b
GWN-10469	76.5%		WDG	1lb/a		347g ai/a		3-4 LEAF				
COC	100%		L	1% v/v		19.2fl oz/a		3-4 LEAF				
10CL111 Nontreated									0f	0d	0e	0c
11CL111									39c	0d	0e	0c
GWN-10469	76.5%		WDG	1lb/a		347g ai/a		PINPOINT				
COC	100%		L	1% v/v		19.2fl oz/a		PINPOINT				
12CL111											0e	0c
GWN-10469	76.5%		WDG	1lb/a		347g ai/a		3-4 LEAF				
COC	100%		L	1% v/v		19.2fl oz/a		3-4 LEAF				
13CL252 Nontreated									0f	0d	0e	0c
14CL252									34d	26c	0e	0c
GWN-10469	76.5%		WDG	1lb/a		347g ai/a		PINPOINT				
COC	100%		L	1% v/v		19.2fl oz/a		PINPOINT				
15CL252											8d	0c
GWN-10469	76.5%		WDG	1lb/a		347g ai/a		3-4 LEAF				
COC	100%		L	1% v/v		19.2fl oz/a		3-4 LEAF				
16CLXL745 Nontreated									0f	0d	0e	0c
17CLXL745									23e	0d	0e	0c
GWN-10469	76.5%		WDG	1lb/a		347g ai/a		PINPOINT				
COC	100%		L	1% v/v		19.2fl oz/a		PINPOINT				

Means followed by same letter or symbol do not significantly differ (P=.05, LSD)
Missing data estimates are included in columns:Average=5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22

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Evaluation of Rice Cultivar Tolerance to Post-Flood Application of Benzobicyclon in Water-Seeded Rice

Trial ID:C16-48 Location: Trial Year:2016
Protocol ID:C16-48 Investigator:Eric P. Webster

Pest Code								RICE	RICE	RICE	RICE
Rating Date								May-11-2016	May-25-2016	Jun-7-2016	Jun-22-2016
Rating Type								INJURY	INJURY	INJURY	INJURY
Rating Unit								%	%	%	%
Trt-Eval Interval								12 DA PINPT	26 DA PINPT	20 DA 3-4LF	35 DA 3-4LF
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage				
18	CLXL745											0e	0c
	GWN-10469	76.5%		WDG	1lb/a		347g ai/a		3-4 LEAF				
	COC	100%		L	1% v/v		19.2fl oz/a		3-4 LEAF				
LSD P=.05										3.1	3.2	2.4	1.0
Standard Deviation										2.1	2.2	1.7	0.7
CV										9.66	14.36	12.84	6.58
Replicate F										0.419	2.026	2.669	1.978
Replicate Prob(F)										0.7408	0.1293	0.0573	0.1290
Treatment F										789.663	704.188	1350.763	7288.468
Treatment Prob(F)										0.0001	0.0001	0.0001	0.0001

LSU AgCenter SPESS

Evaluation of Rice Cultivar Tolerance to Post-Flood Application of Benzobicyclon in Water-Seeded Rice

Trial ID:C16-48 Location: Trial Year:2016
Protocol ID:C16-48 Investigator:Eric P. Webster

Pest Code Rating Date Rating Type Rating Unit Trt-Eval Interval								RICE May-11-2016 HEIGHT cm 12 DA PINPT	RICE May-11-2016 HEIGHT cm 12 DA PINPT	RICE May-11-2016 HEIGHT cm 12 DA PINPT	RICE May-11-2016 HEIGHT cm 12 DA PINPT
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage				
1	Diamond Nontreated									26de	24ef	25def	25cde
2	Diamond									30bcd	29b-e	28bcd	29bcd
	GWN-10469	76.5%		WDG	1lb/a		347g ai/a		PINPOINT				
	COC	100%		L	1% v/v		19.2fl oz/a		PINPOINT				
3	Diamond												
	GWN-10469	76.5%		WDG	1lb/a		347g ai/a		3-4 LEAF				
	COC	100%		L	1% v/v		19.2fl oz/a		3-4 LEAF				
4	Purple Marker Nontreated									23e	24f	22ef	23e
5	Purple Marker												
	GWN-10469	76.5%		WDG	1lb/a		347g ai/a		PINPOINT				
	COC	100%		L	1% v/v		19.2fl oz/a		PINPOINT				
6	Purple Marker												
	GWN-10469	76.5%		WDG	1lb/a		347g ai/a		3-4 LEAF				
	COC	100%		L	1% v/v		19.2fl oz/a		3-4 LEAF				
7	Mermentau Nontreated									23e	23f	21f	24de
8	Mermentau									27de	31bcd	31bcd	31b
	GWN-10469	76.5%		WDG	1lb/a		347g ai/a		PINPOINT				
	COC	100%		L	1% v/v		19.2fl oz/a		PINPOINT				
9	Mermentau												
	GWN-10469	76.5%		WDG	1lb/a		347g ai/a		3-4 LEAF				
	COC	100%		L	1% v/v		19.2fl oz/a		3-4 LEAF				
10	CL111 Nontreated									28cde	27def	28cde	29bcd
11	CL111									36ab	34ab	32abc	33ab
	GWN-10469	76.5%		WDG	1lb/a		347g ai/a		PINPOINT				
	COC	100%		L	1% v/v		19.2fl oz/a		PINPOINT				
12	CL111												
	GWN-10469	76.5%		WDG	1lb/a		347g ai/a		3-4 LEAF				
	COC	100%		L	1% v/v		19.2fl oz/a		3-4 LEAF				
13	CL252 Nontreated									28cde	28c-f	31bcd	33ab
14	CL252									41a	38a	38a	37a
	GWN-10469	76.5%		WDG	1lb/a		347g ai/a		PINPOINT				
	COC	100%		L	1% v/v		19.2fl oz/a		PINPOINT				
15	CL252												
	GWN-10469	76.5%		WDG	1lb/a		347g ai/a		3-4 LEAF				
	COC	100%		L	1% v/v		19.2fl oz/a		3-4 LEAF				
16	CLXL745 Nontreated									27cde	28c-f	30bcd	30bc
17	CLXL745									33bc	33bc	34ab	32ab
	GWN-10469	76.5%		WDG	1lb/a		347g ai/a		PINPOINT				
	COC	100%		L	1% v/v		19.2fl oz/a		PINPOINT				

LSU AgCenter SPESS

Evaluation of Rice Cultivar Tolerance to Post-Flood Application of Benzobicyclon in Water-Seeded Rice

Trial ID:C16-48 Location: Trial Year:2016
Protocol ID:C16-48 Investigator:Eric P. Webster

Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage				
	Pest Code									RICE	RICE	RICE	RICE
	Rating Date									May-11-2016	May-11-2016	May-11-2016	May-11-2016
	Rating Type									HEIGHT	HEIGHT	HEIGHT	HEIGHT
	Rating Unit									cm	cm	cm	cm
	Trt-Eval Interval									12 DA PINPT	12 DA PINPT	12 DA PINPT	12 DA PINPT
18	CLXL745												
	GWN-10469	76.5%		WDG	1lb/a		347g ai/a		3-4 LEAF				
	COC	100%		L	1% v/v		19.2fl oz/a		3-4 LEAF				
	LSD P=.05									5.5	5.0	6.2	5.7
	Standard Deviation									3.8	3.5	4.3	4.0
	CV									13.21	12.11	14.82	13.32
	Replicate F									0.814	0.645	2.873	5.103
	Replicate Prob(F)									0.4967	0.5921	0.0533	0.0059
	Treatment F									7.936	7.038	5.682	4.582
	Treatment Prob(F)									0.0001	0.0001	0.0001	0.0006

LSU AgCenter SPESS

Evaluation of Rice Cultivar Tolerance to Post-Flood Application of Benzobicyclon in Water-Seeded Rice

Trial ID:C16-48 Location: Trial Year:2016
Protocol ID:C16-48 Investigator:Eric P. Webster

Pest Code								RICE	RICE	RICE	RICE
Rating Date								May-11-2016	Aug-9-2016	Aug-9-2016	Aug-9-2016
Rating Type								AVG HEIGHT	HEIGHT	HEIGHT	HEIGHT
Rating Unit								cm	cm	cm	cm
Trt-Eval Interval								12 DA PINPT	At Harvest	At Harvest	At Harvest
Trt Treatment No. Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
1Diamond								25ef	105de	105cde	104de
Nontreated											
2Diamond								29cd	108cde	100de	106b-e
GWN-10469	76.5%		WDG	1lb/a		347g	ai/a	PINPOINT			
COC	100%		L	1% v/v		19.2fl	oz/a	PINPOINT			
3Diamond									107cde	102cde	104de
GWN-10469	76.5%		WDG	1lb/a		347g	ai/a	3-4 LEAF			
COC	100%		L	1% v/v		19.2fl	oz/a	3-4 LEAF			
4Purple Marker								23f	110bcd	100de	105cde
Nontreated											
5Purple Marker									0g	0f	0f
GWN-10469	76.5%		WDG	1lb/a		347g	ai/a	PINPOINT			
COC	100%		L	1% v/v		19.2fl	oz/a	PINPOINT			
6Purple Marker									0g	0f	0f
GWN-10469	76.5%		WDG	1lb/a		347g	ai/a	3-4 LEAF			
COC	100%		L	1% v/v		19.2fl	oz/a	3-4 LEAF			
7Mermentau								23f	93f	99e	100e
Nontreated											
8Mermentau								30bcd	106cde	105cd	106b-e
GWN-10469	76.5%		WDG	1lb/a		347g	ai/a	PINPOINT			
COC	100%		L	1% v/v		19.2fl	oz/a	PINPOINT			
9Mermentau									103e	102cde	106b-e
GWN-10469	76.5%		WDG	1lb/a		347g	ai/a	3-4 LEAF			
COC	100%		L	1% v/v		19.2fl	oz/a	3-4 LEAF			
10CL111								28de	107cde	107bc	107bcd
Nontreated											
11CL111								34b	103e	106cd	105cde
GWN-10469	76.5%		WDG	1lb/a		347g	ai/a	PINPOINT			
COC	100%		L	1% v/v		19.2fl	oz/a	PINPOINT			
12CL111									103e	103cde	106b-e
GWN-10469	76.5%		WDG	1lb/a		347g	ai/a	3-4 LEAF			
COC	100%		L	1% v/v		19.2fl	oz/a	3-4 LEAF			
13CL252								30bcd	102e	103cde	104de
Nontreated											
14CL252								39a	106cde	105cde	108bcd
GWN-10469	76.5%		WDG	1lb/a		347g	ai/a	PINPOINT			
COC	100%		L	1% v/v		19.2fl	oz/a	PINPOINT			
15CL252									106cde	105cd	103de
GWN-10469	76.5%		WDG	1lb/a		347g	ai/a	3-4 LEAF			
COC	100%		L	1% v/v		19.2fl	oz/a	3-4 LEAF			
16CLXL745								29de	117a	114a	116a
Nontreated											
17CLXL745								33bc	115ab	112ab	112abc
GWN-10469	76.5%		WDG	1lb/a		347g	ai/a	PINPOINT			
COC	100%		L	1% v/v		19.2fl	oz/a	PINPOINT			

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Evaluation of Rice Cultivar Tolerance to Post-Flood Application of Benzobicyclon in Water-Seeded Rice

Trial ID:C16-48 Location: Trial Year:2016
Protocol ID:C16-48 Investigator:Eric P. Webster

Pest Code								RICE	RICE	RICE	RICE
Rating Date								May-11-2016	Aug-9-2016	Aug-9-2016	Aug-9-2016
Rating Type								AVG HEIGHT	HEIGHT	HEIGHT	HEIGHT
Rating Unit								cm	cm	cm	cm
Trt-Eval Interval								12 DA PINPT	At Harvest	At Harvest	At Harvest
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage				
18	CLXL745										111bc	114a	112ab
	GWN-10469	76.5%		WDG	1lb/a		347g ai/a		3-4 LEAF				
	COC	100%		L	1% v/v		19.2fl oz/a		3-4 LEAF				
LSD P=.05										4.1	5.4	5.8	6.7
Standard Deviation										2.9	3.8	4.1	4.7
CV										9.79	4.02	4.41	4.98
Replicate F										2.423	11.065	7.804	12.138
Replicate Prob(F)										0.0860	0.0001	0.0002	0.0001
Treatment F										10.906	335.055	277.049	216.335
Treatment Prob(F)										0.0001	0.0001	0.0001	0.0001

LSU AgCenter SPESS

Evaluation of Rice Cultivar Tolerance to Post-Flood Application of Benzobicyclon in Water-Seeded Rice

Trial ID:C16-48 Location: Trial Year:2016
Protocol ID:C16-48 Investigator:Eric P. Webster

Pest Code Rating Date Rating Type Rating Unit Trt-Eval Interval								RICE Aug-9-2016 HEIGHT cm At Harvest	RICE Aug-9-2016 HEIGHT cm At Harvest	RICE Aug-9-2016 HEIGHT cm At Harvest	RICE Aug-9-2016 HEIGHT cm At Harvest
Trt Treatment No. Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
1Diamond Nontreated									106cde	105bc	105cde	104de
2Diamond GWN-10469 COC	 76.5% 100%	 WDG L	 1lb/a 1% v/v	 347g ai/a 19.2fl oz/a		 PINPOINT PINPOINT		110bcd	103c	100de	106b-e
3Diamond GWN-10469 COC	 76.5% 100%	 WDG L	 1lb/a 1% v/v	 347g ai/a 19.2fl oz/a		 3-4 LEAF 3-4 LEAF		99f	103c	102cde	104de
4Purple Marker Nontreated									104def	102c	100de	105cde
5Purple Marker GWN-10469 COC	 76.5% 100%	 WDG L	 1lb/a 1% v/v	 347g ai/a 19.2fl oz/a		 PINPOINT PINPOINT		0g	0e	0f	0f
6Purple Marker GWN-10469 COC	 76.5% 100%	 WDG L	 1lb/a 1% v/v	 347g ai/a 19.2fl oz/a		 3-4 LEAF 3-4 LEAF		0g	0e	0f	0f
7Mermentau Nontreated									104def	96d	99e	100e
8Mermentau GWN-10469 COC	 76.5% 100%	 WDG L	 1lb/a 1% v/v	 347g ai/a 19.2fl oz/a		 PINPOINT PINPOINT		106cde	106bc	105cd	106b-e
9Mermentau GWN-10469 COC	 76.5% 100%	 WDG L	 1lb/a 1% v/v	 347g ai/a 19.2fl oz/a		 3-4 LEAF 3-4 LEAF		107b-e	102cd	103cde	106b-e
10CL111 Nontreated									107b-e	107bc	107bc	107bcd
11CL111 GWN-10469 COC	 76.5% 100%	 WDG L	 1lb/a 1% v/v	 347g ai/a 19.2fl oz/a		 PINPOINT PINPOINT		106cde	103c	106cd	105cde
12CL111 GWN-10469 COC	 76.5% 100%	 WDG L	 1lb/a 1% v/v	 347g ai/a 19.2fl oz/a		 3-4 LEAF 3-4 LEAF		103ef	103c	103cde	106b-e
13CL252 Nontreated									101ef	102c	101cde	103de
14CL252 GWN-10469 COC	 76.5% 100%	 WDG L	 1lb/a 1% v/v	 347g ai/a 19.2fl oz/a		 PINPOINT PINPOINT		103ef	106bc	101cde	103de
15CL252 GWN-10469 COC	 76.5% 100%	 WDG L	 1lb/a 1% v/v	 347g ai/a 19.2fl oz/a		 3-4 LEAF 3-4 LEAF		102ef	106bc	105cd	105de
16CLXL745 Nontreated									112abc	117a	114a	116a
17CLXL745 GWN-10469 COC	 76.5% 100%	 WDG L	 1lb/a 1% v/v	 347g ai/a 19.2fl oz/a		 PINPOINT PINPOINT		113ab	115a	112ab	112abc

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Evaluation of Rice Cultivar Tolerance to Post-Flood Application of Benzobicyclon in Water-Seeded Rice

Trial ID:C16-48 Location: Trial Year:2016
Protocol ID:C16-48 Investigator:Eric P. Webster

Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage				
Pest Code										RICE	RICE	RICE	RICE
Rating Date										Aug-9-2016	Aug-9-2016	Aug-9-2016	Aug-9-2016
Rating Type										HEIGHT	HEIGHT	HEIGHT	HEIGHT
Rating Unit										cm	cm	cm	cm
Trt-Eval Interval										At Harvest	At Harvest	At Harvest	At Harvest
18	CLXL745									117a	111ab	114a	112ab
	GWN-10469	76.5%		WDG	1lb/a		347g ai/a		3-4 LEAF				
	COC	100%		L	1% v/v		19.2fl oz/a		3-4 LEAF				
LSD P=.05										6.2	6.3	6.0	6.7
Standard Deviation										4.4	4.4	4.2	4.7
CV										4.65	4.7	4.55	5.0
Replicate F										21.416	14.532	10.305	13.624
Replicate Prob(F)										0.0001	0.0001	0.0001	0.0001
Treatment F										248.856	244.650	260.711	214.669
Treatment Prob(F)										0.0001	0.0001	0.0001	0.0001

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Evaluation of Rice Cultivar Tolerance to Post-Flood Application of Benzobicyclon in Water-Seeded Rice

Trial ID:C16-48 Location: Trial Year:2016
Protocol ID:C16-48 Investigator:Eric P. Webster

Pest Code Rating Date Rating Type Rating Unit Trt-Eval Interval								RICE Aug-9-2016 HEIGHT cm At Harvest	RICE Aug-9-2016 AVG HEIGHT cm At Harvest	RICE Aug-9-2016 MOISTURE % At Harvest	RICE Aug-9-2016 YIELD g At Harvest
Trt Treatment No. Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
1Diamond Nontreated									106cde	105bc	17bcd	3618bc
2Diamond									110bcd	105bc	18abc	3574bc
GWN-10469	76.5%		WDG	1lb/a		347g ai/a		PINPOINT				
COC	100%		L	1% v/v		19.2fl oz/a		PINPOINT				
3Diamond									99f	102cd	17a-d	3549bc
GWN-10469	76.5%		WDG	1lb/a		347g ai/a		3-4 LEAF				
COC	100%		L	1% v/v		19.2fl oz/a		3-4 LEAF				
4Purple Marker Nontreated									104def	104bcd	17bcd	1699e
5Purple Marker									0g	0e	0f	0g
GWN-10469	76.5%		WDG	1lb/a		347g ai/a		PINPOINT				
COC	100%		L	1% v/v		19.2fl oz/a		PINPOINT				
6Purple Marker									0g	0e	0f	0g
GWN-10469	76.5%		WDG	1lb/a		347g ai/a		3-4 LEAF				
COC	100%		L	1% v/v		19.2fl oz/a		3-4 LEAF				
7Mermentau Nontreated									104def	99d	16b-e	3528bc
8Mermentau									106cde	106bc	21a	3677bc
GWN-10469	76.5%		WDG	1lb/a		347g ai/a		PINPOINT				
COC	100%		L	1% v/v		19.2fl oz/a		PINPOINT				
9Mermentau									107b-e	104bc	19ab	3313c
GWN-10469	76.5%		WDG	1lb/a		347g ai/a		3-4 LEAF				
COC	100%		L	1% v/v		19.2fl oz/a		3-4 LEAF				
10CL111 Nontreated									107b-e	107b	14de	2698d
11CL111									106cde	105bc	15b-e	1106f
GWN-10469	76.5%		WDG	1lb/a		347g ai/a		PINPOINT				
COC	100%		L	1% v/v		19.2fl oz/a		PINPOINT				
12CL111									103ef	104bc		
GWN-10469	76.5%		WDG	1lb/a		347g ai/a		3-4 LEAF				
COC	100%		L	1% v/v		19.2fl oz/a		3-4 LEAF				
13CL252 Nontreated									101ef	102cd	18ab	3873ab
14CL252									103ef	104bc	17bcd	3580bc
GWN-10469	76.5%		WDG	1lb/a		347g ai/a		PINPOINT				
COC	100%		L	1% v/v		19.2fl oz/a		PINPOINT				
15CL252									102ef	104bc	18abc	3273c
GWN-10469	76.5%		WDG	1lb/a		347g ai/a		3-4 LEAF				
COC	100%		L	1% v/v		19.2fl oz/a		3-4 LEAF				
16CLXL745 Nontreated									112abc	115a	14cde	3620bc
17CLXL745									113ab	113a	12e	4254a
GWN-10469	76.5%		WDG	1lb/a		347g ai/a		PINPOINT				
COC	100%		L	1% v/v		19.2fl oz/a		PINPOINT				

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Evaluation of Rice Cultivar Tolerance to Post-Flood Application of Benzobicyclon in Water-Seeded Rice

Trial ID:C16-48 Location: Trial Year:2016
Protocol ID:C16-48 Investigator:Eric P. Webster

Pest Code								RICE	RICE	RICE	RICE
Rating Date								Aug-9-2016	Aug-9-2016	Aug-9-2016	Aug-9-2016
Rating Type								HEIGHT	AVG HEIGHT	MOISTURE	YIELD
Rating Unit								cm	cm	%	g
Trt-Eval Interval								At Harvest	At Harvest	At Harvest	At Harvest
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage				
18	CLXL745									117a	113a	14cde	3841ab
	GWN-10469	76.5%		WDG	1lb/a		347g ai/a		3-4 LEAF				
	COC	100%		L	1% v/v		19.2fl oz/a		3-4 LEAF				
LSD P=.05										6.2	4.4	3.8	497.0
Standard Deviation										4.4	3.1	2.6	349.4
CV										4.65	3.29	18.26	12.07
Replicate F										21.416	26.039	1.794	2.238
Replicate Prob(F)										0.0001	0.0001	0.1613	0.0961
Treatment F										248.856	495.950	19.425	59.126
Treatment Prob(F)										0.0001	0.0001	0.0001	0.0001

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Evaluation of Rice Cultivar Tolerance to Post-Flood Application of Benzobicyclon in Water-Seeded Rice

Trial ID:C16-48 Location: Trial Year:2016
Protocol ID:C16-48 Investigator:Eric P. Webster

Pest Code Rating Date Rating Type Rating Unit Trt-Eval Interval								RICE Aug-9-2016 YIELD LB At Harvest	RICE Aug-9-2016 YIELD KG/HA At Harvest
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage		
1	Diamond									7730bc	8665bc
	Nontreated										
2	Diamond									7530bc	8440bc
	GWN-10469	76.5%		WDG	1	lb/a	347	g ai/a	PINPOINT		
	COC	100%		L	1	% v/v	19.2	fl oz/a	PINPOINT		
3	Diamond									7546bc	8458bc
	GWN-10469	76.5%		WDG	1	lb/a	347	g ai/a	3-4 LEAF		
	COC	100%		L	1	% v/v	19.2	fl oz/a	3-4 LEAF		
4	Purple Marker									3639e	4078e
	Nontreated										
5	Purple Marker									0g	0g
	GWN-10469	76.5%		WDG	1	lb/a	347	g ai/a	PINPOINT		
	COC	100%		L	1	% v/v	19.2	fl oz/a	PINPOINT		
6	Purple Marker									0g	0g
	GWN-10469	76.5%		WDG	1	lb/a	347	g ai/a	3-4 LEAF		
	COC	100%		L	1	% v/v	19.2	fl oz/a	3-4 LEAF		
7	Mermentau									7644bc	8568bc
	Nontreated										
8	Mermentau									7479bc	8383bc
	GWN-10469	76.5%		WDG	1	lb/a	347	g ai/a	PINPOINT		
	COC	100%		L	1	% v/v	19.2	fl oz/a	PINPOINT		
9	Mermentau									6936cd	7774cd
	GWN-10469	76.5%		WDG	1	lb/a	347	g ai/a	3-4 LEAF		
	COC	100%		L	1	% v/v	19.2	fl oz/a	3-4 LEAF		
10	CL111									5986d	6709d
	Nontreated										
11	CL111									2399f	2689f
	GWN-10469	76.5%		WDG	1	lb/a	347	g ai/a	PINPOINT		
	COC	100%		L	1	% v/v	19.2	fl oz/a	PINPOINT		
12	CL111										
	GWN-10469	76.5%		WDG	1	lb/a	347	g ai/a	3-4 LEAF		
	COC	100%		L	1	% v/v	19.2	fl oz/a	3-4 LEAF		
13	CL252									8116b	9097b
	Nontreated										
14	CL252									7638bc	8561bc
	GWN-10469	76.5%		WDG	1	lb/a	347	g ai/a	PINPOINT		
	COC	100%		L	1	% v/v	19.2	fl oz/a	PINPOINT		
15	CL252									6922cd	7759cd
	GWN-10469	76.5%		WDG	1	lb/a	347	g ai/a	3-4 LEAF		
	COC	100%		L	1	% v/v	19.2	fl oz/a	3-4 LEAF		
16	CLXL745									7985b	8950b
	Nontreated										
17	CLXL745									9133a	10237a
	GWN-10469	76.5%		WDG	1	lb/a	347	g ai/a	PINPOINT		
	COC	100%		L	1	% v/v	19.2	fl oz/a	PINPOINT		

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Evaluation of Rice Cultivar Tolerance to Post-Flood Application of Benzobicyclon in Water-Seeded Rice

Trial ID:C16-48 Location: Trial Year:2016
Protocol ID:C16-48 Investigator:Eric P. Webster

Pest Code									RICE	RICE
Rating Date									Aug-9-2016	Aug-9-2016
Rating Type									YIELD	YIELD
Rating Unit									LB	KG/HA
Trt-Eval Interval									At Harvest	At Harvest
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	
18	CLXL745								8458ab	9480ab
	GWN-10469	76.5%		WDG	1lb/a		347g ai/a		3-4 LEAF	
	COC	100%		L	1% v/v		19.2fl oz/a		3-4 LEAF	
LSD P=.05									1007.9	1129.7
Standard Deviation									708.5	794.1
CV									11.46	11.46
Replicate F									2.756	2.756
Replicate Prob(F)									0.0527	0.0527
Treatment F									65.374	65.374
Treatment Prob(F)									0.0001	0.0001

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Rogue + Tankmixes for Postflood Control of Annual Grasses

Experiment number .....: **C16-49**
Location.....: RRS-Crowley, LA
Experimental design .....: RCB
Number of reps.....: 4
Plot size.....: 5'x17'
Row width/# per plot .....: 7.5"/8
Soil type .....: Crowley silt loam (3% sand, 69% silt, 28% clay)
% OM .....: 1.4
pH .....: 6.4
CEC.....: 19.1
Crop/Variety .....: CL 111
Planting date .....: 4/6/16
Emergence date .....: 4/16/16
Harvest date .....: 8/23/16

Application type .....: POSTFLOOD
Date applied [mm/dd/yy] .....: 5/23/16
Time [hh:mm-hh:mm] .....: 5:03-5:36p
Air/Soil temperature [F].....: 86/77
Relative humidity [%] .....: 55%
Wind [mph, direction] .....: 6-8, ESE
Weather [sunny, etc].....: sunny
Soil/Leaf surface moist .....: flood/dry
Crop stage/Height.....: 1-2til/14-16"
Sprayer type/MPH .....: BKPK/3.0
Nozzle type/Size* .....: FF/110015
Boom ht/# Noz/Spacing .....: 15/5/15
GPA/PSI.....: 15/21
Applied by.....: BMM

Weed Species (population)..:- (height/#leaves) -
ECHCG(10-20m^{-2}) .....: 8-4"/1-2til
CYPES(5-10m^{-2}).....: 8-10"/6-9lf
ALRPH(3-5m^{-2}).....: 10-14"/10-20lf
COMDI(3-5m^{-2}).....: 6-8"/3-6lf
LEFPA(5-10m^{-2}) .....: 4-8"/1-2til
HETLI(20-50m^{-2}).....: 2-3"/1-3lf

Flush Dates .....: NA
Permanent Flood .....: 5/18/16

*AMFF – Air mix flat fan nozzles

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Evaluation of Rogue Plus Tank-Mixes for Post-Flood Post-Emergence Control of Annual Grasses in Drill-Seeded Rice

Trial ID:C16-49 Location: Trial Year:2016
Protocol ID:C16-49 Investigator:Eric P. Webster

Pest Code Rating Date Rating Type Rating Unit Trt-Eval Interval								ECHCG Jun-7-2016 CONTROL % 15 DAT	ECHCG Jun-22-2016 CONTROL % 30 DAT	ECHCG Jul-6-2016 CONTROL % 44 DAT
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
1	No GWN-10469								0f	0f	0f
	No Grass Herbicide										
2	No GWN-10469								70bc	81abc	79c
	Grasp	2	LB/GAL	SC	2oz/a	0.0313	lb ai/a	POSTFLOOD			
	COC	100%		L	1% v/v	19.2	fl oz/a	POSTFLOOD			
3	No GWN-10469								75b	83abc	85b
	Regiment	80%		WP	0.63oz/a	0.0315	lb ai/a	POSTFLOOD			
	Dyne-A-Pak	100%		L	0.83% v/v	16	fl oz/a	POSTFLOOD			
4	No GWN-10469								68bcd	79bc	61e
	Beyond	1	LB/GAL	L	5oz/a	0.039	lb ai/a	POSTFLOOD			
	COC	100%		L	1% v/v	19.2	fl oz/a	POSTFLOOD			
5	No GWN-10469								74bc	80bc	80c
	Clincher	2.38	LB/GAL	EC	15oz/a	0.28	lb ai/a	POSTFLOOD			
	COC	100%		L	1% v/v	19.2	fl oz/a	POSTFLOOD			
6	No GWN-10469								88a	88ab	91a
	Targa	0.88	LB/GAL	EC	15.5oz/a	0.107	lb ai/a	POSTFLOOD			
	COC	100%		L	1% v/v	19.2	fl oz/a	POSTFLOOD			
7	No GWN-10469								0f	0f	0f
	Sharpen	2.85	LB/GAL	SC	1fl oz/a	1	fl oz/a	POSTFLOOD			
	COC	100%		L	1% v/v	19.2	fl oz/a	POSTFLOOD			
8	No GWN-10469								53e	45e	73d
	Propanil	4	LB/GAL	EC	4qt/a	128	fl oz/a	POSTFLOOD			
9	GWN-10469	76.5%		WDG	0.33lb/a	115	g ai/a	POSTFLOOD	0f	0f	0f
	No Grass Herbicide										
10	GWN-10469	76.5%		WDG	0.33lb/a	115	g ai/a	POSTFLOOD	70bc	78c	71d
	Grasp	2	LB/GAL	SC	2oz/a	0.0313	lb ai/a	POSTFLOOD			
	COC	100%		L	1% v/v	19.2	fl oz/a	POSTFLOOD			
11	GWN-10469	76.5%		WDG	0.33lb/a	115	g ai/a	POSTFLOOD	73bc	81abc	80c
	Regiment	80%		WP	0.63oz/a	0.0315	lb ai/a	POSTFLOOD			
	Dyne-A-Pak	100%		L	0.83% v/v	16	fl oz/a	POSTFLOOD			
12	GWN-10469	76.5%		WDG	0.33lb/a	115	g ai/a	POSTFLOOD	60de	74c	79c
	Beyond	1	LB/GAL	L	5oz/a	0.039	lb ai/a	POSTFLOOD			
	COC	100%		L	1% v/v	19.2	fl oz/a	POSTFLOOD			
13	GWN-10469	76.5%		WDG	0.33lb/a	115	g ai/a	POSTFLOOD	65cd	80bc	71d
	Clincher	2.38	LB/GAL	EC	15oz/a	0.28	lb ai/a	POSTFLOOD			
	COC	100%		L	1% v/v	19.2	fl oz/a	POSTFLOOD			
14	GWN-10469	76.5%		WDG	0.33lb/a	115	g ai/a	POSTFLOOD	75b	90a	90a
	Targa	0.88	LB/GAL	EC	15.5oz/a	0.107	lb ai/a	POSTFLOOD			
	COC	100%		L	1% v/v	19.2	fl oz/a	POSTFLOOD			
15	GWN-10469	76.5%		WDG	0.33lb/a	115	g ai/a	POSTFLOOD	0f	0f	0f
	Sharpen	2.85	LB/GAL	SC	1fl oz/a	1	fl oz/a	POSTFLOOD			
	COC	100%		L	1% v/v	19.2	fl oz/a	POSTFLOOD			

Means followed by same letter or symbol do not significantly differ (P=.05, LSD)
Could not calculate LSD (% mean diff) for columns 22 because error mean square = 0.

LSU AgCenter SPESS

Evaluation of Rogue Plus Tank-Mixes for Post-Flood Post-Emergence Control of Annual Grasses in Drill-Seeded Rice

Trial ID:C16-49 Location: Trial Year:2016
Protocol ID:C16-49 Investigator:Eric P. Webster

Pest Code								ECHCG	ECHCG	ECHCG
Rating Date								Jun-7-2016	Jun-22-2016	Jul-6-2016
Rating Type								CONTROL	CONTROL	CONTROL
Rating Unit								%	%	%
Trt-Eval Interval								15 DAT	30 DAT	44 DAT
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
16	GWN-10469	76.5%		WDG	0.33	lb/a	115	g ai/a	POSTFLOOD	66bcd	60d	81c
	Propanil	4LB/GAL		EC	4	qt/a	128	fl oz/a	POSTFLOOD			
LSD P=.05										8.8	8.9	3.2
Standard Deviation										6.2	6.2	2.3
CV										11.89	10.87	3.87
Replicate F										1.354	0.871	1.482
Replicate Prob(F)										0.2690	0.4630	0.2321
Treatment F										106.408	131.944	990.307
Treatment Prob(F)										0.0001	0.0001	0.0001

LSU AgCenter SPESS

Evaluation of Rogue Plus Tank-Mixes for Post-Flood Post-Emergence Control of Annual Grasses in Drill-Seeded Rice

Trial ID:C16-49 Location: Trial Year:2016
Protocol ID:C16-49 Investigator:Eric P. Webster

Pest Code Rating Date Rating Type Rating Unit Trt-Eval Interval								CYPES Jun-7-2016 CONTROL % 15 DAT	CYPES Jun-22-2016 CONTROL % 30 DAT	LEFPA Jun-7-2016 CONTROL % 15 DAT
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
1	No GWN-10469									0d	0f	0e
	No Grass Herbicide											
2	No GWN-10469									75b	80abc	0e
	Grasp	2LB/GAL		SC	2oz/a		0.0313lb ai/a		POSTFLOOD			
	COC	100%		L	1% v/v		19.2fl oz/a		POSTFLOOD			
3	No GWN-10469									79ab	80abc	0e
	Regiment	80%		WP	0.63oz/a		0.0315lb ai/a		POSTFLOOD			
	Dyne-A-Pak	100%		L	0.83% v/v		16fl oz/a		POSTFLOOD			
4	No GWN-10469									60c	53e	89b
	Beyond	1LB/GAL		L	5oz/a		0.039lb ai/a		POSTFLOOD			
	COC	100%		L	1% v/v		19.2fl oz/a		POSTFLOOD			
5	No GWN-10469									0d	0f	90ab
	Clincher	2.38LB/GAL		EC	15oz/a		0.28lb ai/a		POSTFLOOD			
	COC	100%		L	1% v/v		19.2fl oz/a		POSTFLOOD			
6	No GWN-10469									0d	0f	93a
	Targa	0.88LB/GAL		EC	15.5oz/a		0.107lb ai/a		POSTFLOOD			
	COC	100%		L	1% v/v		19.2fl oz/a		POSTFLOOD			
7	No GWN-10469									75b	71d	50c
	Sharpen	2.85LB/GAL		SC	1fl oz/a		1fl oz/a		POSTFLOOD			
	COC	100%		L	1% v/v		19.2fl oz/a		POSTFLOOD			
8	No GWN-10469									78ab	75bcd	89b
	Propanil	4LB/GAL		EC	4qt/a		128fl oz/a		POSTFLOOD			
9	GWN-10469	76.5%		WDG	0.33lb/a		115g ai/a		POSTFLOOD	75b	71d	90ab
	No Grass Herbicide											
10	GWN-10469	76.5%		WDG	0.33lb/a		115g ai/a		POSTFLOOD	75b	74cd	0e
	Grasp	2LB/GAL		SC	2oz/a		0.0313lb ai/a		POSTFLOOD			
	COC	100%		L	1% v/v		19.2fl oz/a		POSTFLOOD			
11	GWN-10469	76.5%		WDG	0.33lb/a		115g ai/a		POSTFLOOD	75b	78a-d	0e
	Regiment	80%		WP	0.63oz/a		0.0315lb ai/a		POSTFLOOD			
	Dyne-A-Pak	100%		L	0.83% v/v		16fl oz/a		POSTFLOOD			
12	GWN-10469	76.5%		WDG	0.33lb/a		115g ai/a		POSTFLOOD	75b	79abc	89b
	Beyond	1LB/GAL		L	5oz/a		0.039lb ai/a		POSTFLOOD			
	COC	100%		L	1% v/v		19.2fl oz/a		POSTFLOOD			
13	GWN-10469	76.5%		WDG	0.33lb/a		115g ai/a		POSTFLOOD	83ab	81ab	90ab
	Clincher	2.38LB/GAL		EC	15oz/a		0.28lb ai/a		POSTFLOOD			
	COC	100%		L	1% v/v		19.2fl oz/a		POSTFLOOD			
14	GWN-10469	76.5%		WDG	0.33lb/a		115g ai/a		POSTFLOOD	76ab	83a	90ab
	Targa	0.88LB/GAL		EC	15.5oz/a		0.107lb ai/a		POSTFLOOD			
	COC	100%		L	1% v/v		19.2fl oz/a		POSTFLOOD			
15	GWN-10469	76.5%		WDG	0.33lb/a		115g ai/a		POSTFLOOD	75b	80abc	20d
	Sharpen	2.85LB/GAL		SC	1fl oz/a		1fl oz/a		POSTFLOOD			
	COC	100%		L	1% v/v		19.2fl oz/a		POSTFLOOD			

LSU AgCenter SPESS

Evaluation of Rogue Plus Tank-Mixes for Post-Flood Post-Emergence Control of Annual Grasses in Drill-Seeded Rice

Trial ID:C16-49 Location: Trial Year:2016
Protocol ID:C16-49 Investigator:Eric P. Webster

Pest Code								CYPES	CYPES	LEFPA
Rating Date								Jun-7-2016	Jun-22-2016	Jun-7-2016
Rating Type								CONTROL	CONTROL	CONTROL
Rating Unit								%	%	%
Trt-Eval Interval								15 DAT	30 DAT	15 DAT
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
16	GWN-10469	76.5%		WDG	0.33	lb/a	115	g ai/a	POSTFLOOD	85a	78a-d	88b
	Propanil	4LB/GAL		EC	4	qt/a	128	fl oz/a	POSTFLOOD			
LSD P=.05										9.3	6.3	2.6
Standard Deviation										6.5	4.4	1.8
CV										10.6	7.21	3.3
Replicate F										6.436	3.642	2.276
Replicate Prob(F)										0.0010	0.0196	0.0926
Treatment F										90.137	199.306	2220.037
Treatment Prob(F)										0.0001	0.0001	0.0001

LSU AgCenter SPESS

Evaluation of Rogue Plus Tank-Mixes for Post-Flood Post-Emergence Control of Annual Grasses in Drill-Seeded Rice

Trial ID:C16-49 Location: Trial Year:2016
Protocol ID:C16-49 Investigator:Eric P. Webster

Pest Code Rating Date Rating Type Rating Unit Trt-Eval Interval								LEFPA Jun-22-2016 CONTROL % 30 DAT	LEFPA Jul-6-2016 CONTROL % 44 DAT	ALRPH Jun-7-2016 CONTROL % 15 DAT
Trt Treatment No. Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
1 No GWN-10469									0f	0f	0e
No Grass Herbicide											
2 No GWN-10469									0f	0f	84bcd
Grasp	2	LB/GAL	SC	2	oz/a	0.0313	lb ai/a	POSTFLOOD			
COC	100%		L	1%	v/v	19.2	fl oz/a	POSTFLOOD			
3 No GWN-10469									0f	0f	90a
Regiment	80%		WP	0.63	oz/a	0.0315	lb ai/a	POSTFLOOD			
Dyne-A-Pak	100%		L	0.83%	v/v	16	fl oz/a	POSTFLOOD			
4 No GWN-10469									0f	0f	88ab
Beyond	1	LB/GAL	L	5	oz/a	0.039	lb ai/a	POSTFLOOD			
COC	100%		L	1%	v/v	19.2	fl oz/a	POSTFLOOD			
5 No GWN-10469									73d	81b	0e
Clincher	2.38	LB/GAL	EC	15	oz/a	0.28	lb ai/a	POSTFLOOD			
COC	100%		L	1%	v/v	19.2	fl oz/a	POSTFLOOD			
6 No GWN-10469									90ab	91a	0e
Targa	0.88	LB/GAL	EC	15.5	oz/a	0.107	lb ai/a	POSTFLOOD			
COC	100%		L	1%	v/v	19.2	fl oz/a	POSTFLOOD			
7 No GWN-10469									0f	0f	83cd
Sharpen	2.85	LB/GAL	SC	1	fl oz/a	1	fl oz/a	POSTFLOOD			
COC	100%		L	1%	v/v	19.2	fl oz/a	POSTFLOOD			
8 No GWN-10469									55e	69d	80d
Propanil	4	LB/GAL	EC	4	qt/a	128	fl oz/a	POSTFLOOD			
9 GWN-10469	76.5%		WDG	0.33	lb/a	115	g ai/a	POSTFLOOD	90ab	53e	86abc
No Grass Herbicide											
10 GWN-10469	76.5%		WDG	0.33	lb/a	115	g ai/a	POSTFLOOD	0f	0f	80d
Grasp	2	LB/GAL	SC	2	oz/a	0.0313	lb ai/a	POSTFLOOD			
COC	100%		L	1%	v/v	19.2	fl oz/a	POSTFLOOD			
11 GWN-10469	76.5%		WDG	0.33	lb/a	115	g ai/a	POSTFLOOD	0f	0f	86abc
Regiment	80%		WP	0.63	oz/a	0.0315	lb ai/a	POSTFLOOD			
Dyne-A-Pak	100%		L	0.83%	v/v	16	fl oz/a	POSTFLOOD			
12 GWN-10469	76.5%		WDG	0.33	lb/a	115	g ai/a	POSTFLOOD	89b	78c	89a
Beyond	1	LB/GAL	L	5	oz/a	0.039	lb ai/a	POSTFLOOD			
COC	100%		L	1%	v/v	19.2	fl oz/a	POSTFLOOD			
13 GWN-10469	76.5%		WDG	0.33	lb/a	115	g ai/a	POSTFLOOD	78c	81b	0e
Clincher	2.38	LB/GAL	EC	15	oz/a	0.28	lb ai/a	POSTFLOOD			
COC	100%		L	1%	v/v	19.2	fl oz/a	POSTFLOOD			
14 GWN-10469	76.5%		WDG	0.33	lb/a	115	g ai/a	POSTFLOOD	93a	91a	0e
Targa	0.88	LB/GAL	EC	15.5	oz/a	0.107	lb ai/a	POSTFLOOD			
COC	100%		L	1%	v/v	19.2	fl oz/a	POSTFLOOD			
15 GWN-10469	76.5%		WDG	0.33	lb/a	115	g ai/a	POSTFLOOD	0f	0f	83cd
Sharpen	2.85	LB/GAL	SC	1	fl oz/a	1	fl oz/a	POSTFLOOD			
COC	100%		L	1%	v/v	19.2	fl oz/a	POSTFLOOD			

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Evaluation of Rogue Plus Tank-Mixes for Post-Flood Post-Emergence Control of Annual Grasses in Drill-Seeded Rice

Trial ID:C16-49 Location: Trial Year:2016
Protocol ID:C16-49 Investigator:Eric P. Webster

Pest Code								LEFPA	LEFPA	ALRPH
Rating Date								Jun-22-2016	Jul-6-2016	Jun-7-2016
Rating Type								CONTROL	CONTROL	CONTROL
Rating Unit								%	%	%
Trt-Eval Interval								30 DAT	44 DAT	15 DAT
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	
16	GWN-10469	76.5%		WDG	0.33	lb/a	115	g ai/a	POSTFLOOD	55e	83b	88ab
	Propanil	4LB/GAL		EC	4	qt/a	128	fl oz/a	POSTFLOOD			
LSD P=.05										4.1	3.1	4.6
Standard Deviation										2.9	2.2	3.3
CV										7.43	5.54	5.58
Replicate F										0.467	0.527	1.471
Replicate Prob(F)										0.7069	0.6661	0.2352
Treatment F										827.899	1455.921	626.314
Treatment Prob(F)										0.0001	0.0001	0.0001

LSU AgCenter SPESS

Evaluation of Rogue Plus Tank-Mixes for Post-Flood Post-Emergence Control of Annual Grasses in Drill-Seeded Rice

Trial ID:C16-49 Location: Trial Year:2016
Protocol ID:C16-49 Investigator:Eric P. Webster

Pest Code Rating Date Rating Type Rating Unit Trt-Eval Interval								ALRPH Jun-22-2016 CONTROL % 30 DAT	HETLI Jun-7-2016 CONTROL % 15 DAT	HETLI Jun-22-2016 CONTROL % 30 DAT
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
1	No GWN-10469									0f	0d	0e
	No Grass Herbicide											
2	No GWN-10469									80a	90abc	83bcd
	Grasp	2	LB/GAL	SC	2	oz/a	0.0313	lb ai/a	POSTFLOOD			
	COC	100	%	L	1	% v/v	19.2	fl oz/a	POSTFLOOD			
3	No GWN-10469									78ab	90abc	85abc
	Regiment	80	%	WP	0.63	oz/a	0.0315	lb ai/a	POSTFLOOD			
	Dyne-A-Pak	100	%	L	0.83	% v/v	16	fl oz/a	POSTFLOOD			
4	No GWN-10469									71cd	86c	80cd
	Beyond	1	LB/GAL	L	5	oz/a	0.039	lb ai/a	POSTFLOOD			
	COC	100	%	L	1	% v/v	19.2	fl oz/a	POSTFLOOD			
5	No GWN-10469									0f	90abc	79cd
	Clincher	2.38	LB/GAL	EC	15	oz/a	0.28	lb ai/a	POSTFLOOD			
	COC	100	%	L	1	% v/v	19.2	fl oz/a	POSTFLOOD			
6	No GWN-10469									0f	91ab	81cd
	Targa	0.88	LB/GAL	EC	15.5	oz/a	0.107	lb ai/a	POSTFLOOD			
	COC	100	%	L	1	% v/v	19.2	fl oz/a	POSTFLOOD			
7	No GWN-10469									70d	88bc	76d
	Sharpen	2.85	LB/GAL	SC	1	fl oz/a	1	fl oz/a	POSTFLOOD			
	COC	100	%	L	1	% v/v	19.2	fl oz/a	POSTFLOOD			
8	No GWN-10469									59e	88bc	80cd
	Propanil	4	LB/GAL	EC	4	qt/a	128	fl oz/a	POSTFLOOD			
9	GWN-10469	76.5	%	WDG	0.33	lb/a	115	g ai/a	POSTFLOOD	73bcd	86c	80cd
	No Grass Herbicide											
10	GWN-10469	76.5	%	WDG	0.33	lb/a	115	g ai/a	POSTFLOOD	74bcd	88bc	79cd
	Grasp	2	LB/GAL	SC	2	oz/a	0.0313	lb ai/a	POSTFLOOD			
	COC	100	%	L	1	% v/v	19.2	fl oz/a	POSTFLOOD			
11	GWN-10469	76.5	%	WDG	0.33	lb/a	115	g ai/a	POSTFLOOD	76abc	88bc	81cd
	Regiment	80	%	WP	0.63	oz/a	0.0315	lb ai/a	POSTFLOOD			
	Dyne-A-Pak	100	%	L	0.83	% v/v	16	fl oz/a	POSTFLOOD			
12	GWN-10469	76.5	%	WDG	0.33	lb/a	115	g ai/a	POSTFLOOD	80a	90abc	84bc
	Beyond	1	LB/GAL	L	5	oz/a	0.039	lb ai/a	POSTFLOOD			
	COC	100	%	L	1	% v/v	19.2	fl oz/a	POSTFLOOD			
13	GWN-10469	76.5	%	WDG	0.33	lb/a	115	g ai/a	POSTFLOOD	0f	90abc	89ab
	Clincher	2.38	LB/GAL	EC	15	oz/a	0.28	lb ai/a	POSTFLOOD			
	COC	100	%	L	1	% v/v	19.2	fl oz/a	POSTFLOOD			
14	GWN-10469	76.5	%	WDG	0.33	lb/a	115	g ai/a	POSTFLOOD	0f	93a	91a
	Targa	0.88	LB/GAL	EC	15.5	oz/a	0.107	lb ai/a	POSTFLOOD			
	COC	100	%	L	1	% v/v	19.2	fl oz/a	POSTFLOOD			
15	GWN-10469	76.5	%	WDG	0.33	lb/a	115	g ai/a	POSTFLOOD	81a	89abc	80cd
	Sharpen	2.85	LB/GAL	SC	1	fl oz/a	1	fl oz/a	POSTFLOOD			
	COC	100	%	L	1	% v/v	19.2	fl oz/a	POSTFLOOD			

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Evaluation of Rogue Plus Tank-Mixes for Post-Flood Post-Emergence Control of Annual Grasses in Drill-Seeded Rice

Trial ID:C16-49 Location: Trial Year:2016
Protocol ID:C16-49 Investigator:Eric P. Webster

Pest Code								ALRPH	HETLI	HETLI
Rating Date								Jun-22-2016	Jun-7-2016	Jun-22-2016
Rating Type								CONTROL	CONTROL	CONTROL
Rating Unit								%	%	%
Trt-Eval Interval								30 DAT	15 DAT	30 DAT
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
16	GWN-10469	76.5%		WDG	0.33	lb/a	115	g ai/a	POSTFLOOD	63e	90abc	83bcd
	Propanil	4LB/GAL		EC	4	qt/a	128	fl oz/a	POSTFLOOD			
LSD P=.05										5.9	4.2	6.3
Standard Deviation										4.1	2.9	4.4
CV										8.24	3.53	5.74
Replicate F										2.881	0.360	2.458
Replicate Prob(F)										0.0462	0.7822	0.0751
Treatment F										293.898	229.584	89.238
Treatment Prob(F)										0.0001	0.0001	0.0001

LSU AgCenter SPESS

Evaluation of Rogue Plus Tank-Mixes for Post-Flood Post-Emergence Control of Annual Grasses in Drill-Seeded Rice

Trial ID:C16-49 Location: Trial Year:2016
Protocol ID:C16-49 Investigator:Eric P. Webster

Pest Code								HETLI	RICE	RICE
Rating Date								Jul-6-2016	Jun-7-2016	Jun-22-2016
Rating Type								CONTROL	INJURY	INJURY
Rating Unit								%	%	%
Trt-Eval Interval								44 DAT	15 DAT	30 DAT
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
1	No GWN-10469									0h	0c	0c
	No Grass Herbicide											
2	No GWN-10469									90abc	0c	0c
	Grasp	2	LB/GAL	SC	2	oz/a	0.0313	lb ai/a	POSTFLOOD			
	COC	100	%	L	1	% v/v	19.2	fl oz/a	POSTFLOOD			
3	No GWN-10469									90abc	0c	0c
	Regiment	80	%	WP	0.63	oz/a	0.0315	lb ai/a	POSTFLOOD			
	Dyne-A-Pak	100	%	L	0.83	% v/v	16	fl oz/a	POSTFLOOD			
4	No GWN-10469									91ab	0c	0c
	Beyond	1	LB/GAL	L	5	oz/a	0.039	lb ai/a	POSTFLOOD			
	COC	100	%	L	1	% v/v	19.2	fl oz/a	POSTFLOOD			
5	No GWN-10469									89a-d	0c	0c
	Clincher	2.38	LB/GAL	EC	15	oz/a	0.28	lb ai/a	POSTFLOOD			
	COC	100	%	L	1	% v/v	19.2	fl oz/a	POSTFLOOD			
6	No GWN-10469									0h	95b	97a
	Targa	0.88	LB/GAL	EC	15.5	oz/a	0.107	lb ai/a	POSTFLOOD			
	COC	100	%	L	1	% v/v	19.2	fl oz/a	POSTFLOOD			
7	No GWN-10469									83f	0c	0c
	Sharpen	2.85	LB/GAL	SC	1	fl oz/a	1	fl oz/a	POSTFLOOD			
	COC	100	%	L	1	% v/v	19.2	fl oz/a	POSTFLOOD			
8	No GWN-10469									85def	0c	0c
	Propanil	4	LB/GAL	EC	4	qt/a	128	fl oz/a	POSTFLOOD			
9	GWN-10469	76.5	%	WDG	0.33	lb/a	115	g ai/a	POSTFLOOD	88b-e	0c	0c
	No Grass Herbicide											
10	GWN-10469	76.5	%	WDG	0.33	lb/a	115	g ai/a	POSTFLOOD	84ef	0c	0c
	Grasp	2	LB/GAL	SC	2	oz/a	0.0313	lb ai/a	POSTFLOOD			
	COC	100	%	L	1	% v/v	19.2	fl oz/a	POSTFLOOD			
11	GWN-10469	76.5	%	WDG	0.33	lb/a	115	g ai/a	POSTFLOOD	89a-d	0c	0c
	Regiment	80	%	WP	0.63	oz/a	0.0315	lb ai/a	POSTFLOOD			
	Dyne-A-Pak	100	%	L	0.83	% v/v	16	fl oz/a	POSTFLOOD			
12	GWN-10469	76.5	%	WDG	0.33	lb/a	115	g ai/a	POSTFLOOD	88b-e	0c	0c
	Beyond	1	LB/GAL	L	5	oz/a	0.039	lb ai/a	POSTFLOOD			
	COC	100	%	L	1	% v/v	19.2	fl oz/a	POSTFLOOD			
13	GWN-10469	76.5	%	WDG	0.33	lb/a	115	g ai/a	POSTFLOOD	89a-d	0c	0c
	Clincher	2.38	LB/GAL	EC	15	oz/a	0.28	lb ai/a	POSTFLOOD			
	COC	100	%	L	1	% v/v	19.2	fl oz/a	POSTFLOOD			
14	GWN-10469	76.5	%	WDG	0.33	lb/a	115	g ai/a	POSTFLOOD	93a	96a	94b
	Targa	0.88	LB/GAL	EC	15.5	oz/a	0.107	lb ai/a	POSTFLOOD			
	COC	100	%	L	1	% v/v	19.2	fl oz/a	POSTFLOOD			
15	GWN-10469	76.5	%	WDG	0.33	lb/a	115	g ai/a	POSTFLOOD	78g	0c	0c
	Sharpen	2.85	LB/GAL	SC	1	fl oz/a	1	fl oz/a	POSTFLOOD			
	COC	100	%	L	1	% v/v	19.2	fl oz/a	POSTFLOOD			

LSU AgCenter SPESS

Evaluation of Rogue Plus Tank-Mixes for Post-Flood Post-Emergence Control of Annual Grasses in Drill-Seeded Rice

Trial ID:C16-49 Location: Trial Year:2016
Protocol ID:C16-49 Investigator:Eric P. Webster

Pest Code								HETLI	RICE	RICE
Rating Date								Jul-6-2016	Jun-7-2016	Jun-22-2016
Rating Type								CONTROL	INJURY	INJURY
Rating Unit								%	%	%
Trt-Eval Interval								44 DAT	15 DAT	30 DAT
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
16	GWN-10469	76.5%		WDG	0.33	lb/a	115	g ai/a	POSTFLOOD	86c-f	0c	0c
	Propanil	4	LB/GAL	EC	4	qt/a	128	fl oz/a	POSTFLOOD			
LSD P=.05										4.5	0.4	0.8
Standard Deviation										3.1	0.3	0.5
CV										4.1	2.1	4.48
Replicate F										5.000	1.000	0.652
Replicate Prob(F)										0.0045	0.4016	0.5858
Treatment F										367.404	67742.340	14885.668
Treatment Prob(F)										0.0001	0.0001	0.0001

LSU AgCenter SPESS

Evaluation of Rogue Plus Tank-Mixes for Post-Flood Post-Emergence Control of Annual Grasses in Drill-Seeded Rice

Trial ID:C16-49 Location: Trial Year:2016
Protocol ID:C16-49 Investigator:Eric P. Webster

Pest Code Rating Date Rating Type Rating Unit Trt-Eval Interval								RICE Jul-6-2016 INJURY % 44 DAT	RICE Aug-23-2016 HEIGHT cm At Harvest	RICE Aug-23-2016 HEIGHT cm At Harvest
Trt Treatment No. Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage		
1No GWN-10469									0b	86efg	82f
No Grass Herbicide											
2No GWN-10469									0b	90c-f	84ef
Grasp	2	LB/GAL	SC	2	oz/a	0.0313	lb ai/a	POSTFLOOD			
COC	100	%	L	1	% v/v	19.2	fl oz/a	POSTFLOOD			
3No GWN-10469									0b	93cde	98abc
Regiment	80	%	WP	0.63	oz/a	0.0315	lb ai/a	POSTFLOOD			
Dyne-A-Pak	100	%	L	0.83	% v/v	16	fl oz/a	POSTFLOOD			
4No GWN-10469									0b	96bcd	95bc
Beyond	1	LB/GAL	L	5	oz/a	0.039	lb ai/a	POSTFLOOD			
COC	100	%	L	1	% v/v	19.2	fl oz/a	POSTFLOOD			
5No GWN-10469									0b	105a	105a
Clincher	2.38	LB/GAL	EC	15	oz/a	0.28	lb ai/a	POSTFLOOD			
COC	100	%	L	1	% v/v	19.2	fl oz/a	POSTFLOOD			
6No GWN-10469									95a	0h	0g
Targa	0.88	LB/GAL	EC	15.5	oz/a	0.107	lb ai/a	POSTFLOOD			
COC	100	%	L	1	% v/v	19.2	fl oz/a	POSTFLOOD			
7No GWN-10469									0b	80g	85ef
Sharpen	2.85	LB/GAL	SC	1	fl oz/a	1	fl oz/a	POSTFLOOD			
COC	100	%	L	1	% v/v	19.2	fl oz/a	POSTFLOOD			
8No GWN-10469									0b	103ab	101ab
Propanil	4	LB/GAL	EC	4	qt/a	128	fl oz/a	POSTFLOOD			
9GWN-10469	76.5	%	WDG	0.33	lb/a	115	g ai/a	POSTFLOOD	0b	84fg	86def
No Grass Herbicide											
10GWN-10469	76.5	%	WDG	0.33	lb/a	115	g ai/a	POSTFLOOD	0b	96bc	99abc
Grasp	2	LB/GAL	SC	2	oz/a	0.0313	lb ai/a	POSTFLOOD			
COC	100	%	L	1	% v/v	19.2	fl oz/a	POSTFLOOD			
11GWN-10469	76.5	%	WDG	0.33	lb/a	115	g ai/a	POSTFLOOD	0b	93cde	91cde
Regiment	80	%	WP	0.63	oz/a	0.0315	lb ai/a	POSTFLOOD			
Dyne-A-Pak	100	%	L	0.83	% v/v	16	fl oz/a	POSTFLOOD			
12GWN-10469	76.5	%	WDG	0.33	lb/a	115	g ai/a	POSTFLOOD	0b	94b-e	94bcd
Beyond	1	LB/GAL	L	5	oz/a	0.039	lb ai/a	POSTFLOOD			
COC	100	%	L	1	% v/v	19.2	fl oz/a	POSTFLOOD			
13GWN-10469	76.5	%	WDG	0.33	lb/a	115	g ai/a	POSTFLOOD	0b	92cde	95bcd
Clincher	2.38	LB/GAL	EC	15	oz/a	0.28	lb ai/a	POSTFLOOD			
COC	100	%	L	1	% v/v	19.2	fl oz/a	POSTFLOOD			
14GWN-10469	76.5	%	WDG	0.33	lb/a	115	g ai/a	POSTFLOOD	95a	0h	0g
Targa	0.88	LB/GAL	EC	15.5	oz/a	0.107	lb ai/a	POSTFLOOD			
COC	100	%	L	1	% v/v	19.2	fl oz/a	POSTFLOOD			
15GWN-10469	76.5	%	WDG	0.33	lb/a	115	g ai/a	POSTFLOOD	0b	87d-g	84ef
Sharpen	2.85	LB/GAL	SC	1	fl oz/a	1	fl oz/a	POSTFLOOD			
COC	100	%	L	1	% v/v	19.2	fl oz/a	POSTFLOOD			

LSU AgCenter SPESS

Evaluation of Rogue Plus Tank-Mixes for Post-Flood Post-Emergence Control of Annual Grasses in Drill-Seeded Rice

Trial ID:C16-49 Location: Trial Year:2016
Protocol ID:C16-49 Investigator:Eric P. Webster

Pest Code								RICE	RICE	RICE
Rating Date								Jul-6-2016	Aug-23-2016	Aug-23-2016
Rating Type								INJURY	HEIGHT	HEIGHT
Rating Unit								%	cm	cm
Trt-Eval Interval								44 DAT	At Harvest	At Harvest
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
16	GWN-10469	76.5%		WDG	0.33	lb/a	115	g ai/a	POSTFLOOD	0b	98abc	100abc
	Propanil	4	LB/GAL	EC	4	qt/a	128	fl oz/a	POSTFLOOD			
LSD P=.05										0.3	8.5	8.9
Standard Deviation										0.2	6.0	6.3
CV										1.51	7.4	7.74
Replicate F										0.652	1.674	3.518
Replicate Prob(F)										0.5858	0.1859	0.0225
Treatment F										131150.491	116.027	106.578
Treatment Prob(F)										0.0001	0.0001	0.0001

LSU AgCenter SPESS

Evaluation of Rogue Plus Tank-Mixes for Post-Flood Post-Emergence Control of Annual Grasses in Drill-Seeded Rice

Trial ID:C16-49 Location: Trial Year:2016
Protocol ID:C16-49 Investigator:Eric P. Webster

Pest Code Rating Date Rating Type Rating Unit Trt-Eval Interval								RICE Aug-23-2016 HEIGHT cm At Harvest	RICE Aug-23-2016 HEIGHT cm At Harvest	RICE Aug-23-2016 AVG HEIGHT cm At Harvest
Trt Treatment No. Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage		
1No GWN-10469									82g	84cd	84f
No Grass Herbicide										
2No GWN-10469									85fg	88bcd	87def
Grasp	2LB/GAL		SC	2oz/a		0.0313lb ai/a		POSTFLOOD			
COC	100%		L	1% v/v		19.2fl oz/a		POSTFLOOD			
3No GWN-10469									97abc	94abc	95bc
Regiment	80%		WP	0.63oz/a		0.0315lb ai/a		POSTFLOOD			
Dyne-A-Pak	100%		L	0.83% v/v		16fl oz/a		POSTFLOOD			
4No GWN-10469									93c-f	96ab	95bc
Beyond	1LB/GAL		L	5oz/a		0.039lb ai/a		POSTFLOOD			
COC	100%		L	1% v/v		19.2fl oz/a		POSTFLOOD			
5No GWN-10469									104a	105a	105a
Clincher	2.38LB/GAL		EC	15oz/a		0.28lb ai/a		POSTFLOOD			
COC	100%		L	1% v/v		19.2fl oz/a		POSTFLOOD			
6No GWN-10469									0h	0e	0g
Targa	0.88LB/GAL		EC	15.5oz/a		0.107lb ai/a		POSTFLOOD			
COC	100%		L	1% v/v		19.2fl oz/a		POSTFLOOD			
7No GWN-10469									85fg	79d	82f
Sharpen	2.85LB/GAL		SC	1fl oz/a		1fl oz/a		POSTFLOOD			
COC	100%		L	1% v/v		19.2fl oz/a		POSTFLOOD			
8No GWN-10469									101abc	104a	102ab
Propanil	4LB/GAL		EC	4qt/a		128fl oz/a		POSTFLOOD			
9GWN-10469	76.5%		WDG	0.33lb/a		115g ai/a		POSTFLOOD	87d-g	89bcd	86def
No Grass Herbicide											
10GWN-10469	76.5%		WDG	0.33lb/a		115g ai/a		POSTFLOOD	95a-e	96ab	96bc
Grasp	2LB/GAL		SC	2oz/a		0.0313lb ai/a		POSTFLOOD			
COC	100%		L	1% v/v		19.2fl oz/a		POSTFLOOD			
11GWN-10469	76.5%		WDG	0.33lb/a		115g ai/a		POSTFLOOD	94b-f	91bc	92cde
Regiment	80%		WP	0.63oz/a		0.0315lb ai/a		POSTFLOOD			
Dyne-A-Pak	100%		L	0.83% v/v		16fl oz/a		POSTFLOOD			
12GWN-10469	76.5%		WDG	0.33lb/a		115g ai/a		POSTFLOOD	95a-e	95abc	95bc
Beyond	1LB/GAL		L	5oz/a		0.039lb ai/a		POSTFLOOD			
COC	100%		L	1% v/v		19.2fl oz/a		POSTFLOOD			
13GWN-10469	76.5%		WDG	0.33lb/a		115g ai/a		POSTFLOOD	96a-d	93bc	94cd
Clincher	2.38LB/GAL		EC	15oz/a		0.28lb ai/a		POSTFLOOD			
COC	100%		L	1% v/v		19.2fl oz/a		POSTFLOOD			
14GWN-10469	76.5%		WDG	0.33lb/a		115g ai/a		POSTFLOOD	0h	0e	0g
Targa	0.88LB/GAL		EC	15.5oz/a		0.107lb ai/a		POSTFLOOD			
COC	100%		L	1% v/v		19.2fl oz/a		POSTFLOOD			
15GWN-10469	76.5%		WDG	0.33lb/a		115g ai/a		POSTFLOOD	86efg	84cd	85ef
Sharpen	2.85LB/GAL		SC	1fl oz/a		1fl oz/a		POSTFLOOD			
COC	100%		L	1% v/v		19.2fl oz/a		POSTFLOOD			

LSU AgCenter SPESS

Evaluation of Rogue Plus Tank-Mixes for Post-Flood Post-Emergence Control of Annual Grasses in Drill-Seeded Rice

Trial ID:C16-49 Location: Trial Year:2016
Protocol ID:C16-49 Investigator:Eric P. Webster

Pest Code								RICE	RICE	RICE
Rating Date								Aug-23-2016	Aug-23-2016	Aug-23-2016
Rating Type								HEIGHT	HEIGHT	AVG HEIGHT
Rating Unit								cm	cm	cm
Trt-Eval Interval								At Harvest	At Harvest	At Harvest
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
16	GWN-10469	76.5%		WDG	0.33	lb/a	115	g ai/a	POSTFLOOD	104ab	97ab	100abc
	Propanil	4LB/GAL		EC	4	qt/a	128	fl oz/a	POSTFLOOD			
LSD P=.05										9.9	10.9	7.8
Standard Deviation										7.0	7.7	5.5
CV										8.53	9.5	6.75
Replicate F										3.218	1.261	3.256
Replicate Prob(F)										0.0315	0.2992	0.0302
Treatment F										87.611	70.653	139.373
Treatment Prob(F)										0.0001	0.0001	0.0001

LSU AgCenter SPESS

Evaluation of Rogue Plus Tank-Mixes for Post-Flood Post-Emergence Control of Annual Grasses in Drill-Seeded Rice

Trial ID:C16-49 Location: Trial Year:2016
Protocol ID:C16-49 Investigator:Eric P. Webster

Pest Code Rating Date Rating Type Rating Unit Trt-Eval Interval								RICE Aug-23-2016 MOISTURE % At Harvest	RICE Aug-23-2016 YIELD g At Harvest	RICE Aug-23-2016 YIELD LB At Harvest
Trt Treatment No. Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage		
1No GWN-10469									14a	139g	378g
No Grass Herbicide											
2No GWN-10469									14a	212fg	576fg
Grasp	2	LB/GAL	SC	2oz/a		0.0313	lb ai/a	POSTFLOOD			
COC	100%		L	1% v/v		19.2	fl oz/a	POSTFLOOD			
3No GWN-10469									14a	363e	987e
Regiment	80%		WP	0.63oz/a		0.0315	lb ai/a	POSTFLOOD			
Dyne-A-Pak	100%		L	0.83% v/v		16	fl oz/a	POSTFLOOD			
4No GWN-10469									14a	785c	2135c
Beyond	1	LB/GAL	L	5oz/a		0.039	lb ai/a	POSTFLOOD			
COC	100%		L	1% v/v		19.2	fl oz/a	POSTFLOOD			
5No GWN-10469									14a	1205ab	3277ab
Clincher	2.38	LB/GAL	EC	15oz/a		0.28	lb ai/a	POSTFLOOD			
COC	100%		L	1% v/v		19.2	fl oz/a	POSTFLOOD			
6No GWN-10469									14a		
Targa	0.88	LB/GAL	EC	15.5oz/a		0.107	lb ai/a	POSTFLOOD			
COC	100%		L	1% v/v		19.2	fl oz/a	POSTFLOOD			
7No GWN-10469									14a	352ef	957ef
Sharpen	2.85	LB/GAL	SC	1fl oz/a		1	fl oz/a	POSTFLOOD			
COC	100%		L	1% v/v		19.2	fl oz/a	POSTFLOOD			
8No GWN-10469									14a	1336a	3634a
Propanil	4	LB/GAL	EC	4qt/a		128	fl oz/a	POSTFLOOD			
9GWN-10469	76.5%		WDG	0.33lb/a		115	g ai/a	POSTFLOOD	14a	347ef	943ef
No Grass Herbicide											
10GWN-10469	76.5%		WDG	0.33lb/a		115	g ai/a	POSTFLOOD	14a	548d	1489d
Grasp	2	LB/GAL	SC	2oz/a		0.0313	lb ai/a	POSTFLOOD			
COC	100%		L	1% v/v		19.2	fl oz/a	POSTFLOOD			
11GWN-10469	76.5%		WDG	0.33lb/a		115	g ai/a	POSTFLOOD	14a	595d	1618d
Regiment	80%		WP	0.63oz/a		0.0315	lb ai/a	POSTFLOOD			
Dyne-A-Pak	100%		L	0.83% v/v		16	fl oz/a	POSTFLOOD			
12GWN-10469	76.5%		WDG	0.33lb/a		115	g ai/a	POSTFLOOD	14a	1136b	3090b
Beyond	1	LB/GAL	L	5oz/a		0.039	lb ai/a	POSTFLOOD			
COC	100%		L	1% v/v		19.2	fl oz/a	POSTFLOOD			
13GWN-10469	76.5%		WDG	0.33lb/a		115	g ai/a	POSTFLOOD	14a	1210ab	3290ab
Clincher	2.38	LB/GAL	EC	15oz/a		0.28	lb ai/a	POSTFLOOD			
COC	100%		L	1% v/v		19.2	fl oz/a	POSTFLOOD			
14GWN-10469	76.5%		WDG	0.33lb/a		115	g ai/a	POSTFLOOD	14a		
Targa	0.88	LB/GAL	EC	15.5oz/a		0.107	lb ai/a	POSTFLOOD			
COC	100%		L	1% v/v		19.2	fl oz/a	POSTFLOOD			
15GWN-10469	76.5%		WDG	0.33lb/a		115	g ai/a	POSTFLOOD	14a	678cd	1844cd
Sharpen	2.85	LB/GAL	SC	1fl oz/a		1	fl oz/a	POSTFLOOD			
COC	100%		L	1% v/v		19.2	fl oz/a	POSTFLOOD			

LSU AgCenter SPESS

Evaluation of Rogue Plus Tank-Mixes for Post-Flood Post-Emergence Control of Annual Grasses in Drill-Seeded Rice

Trial ID:C16-49 Location: Trial Year:2016
Protocol ID:C16-49 Investigator:Eric P. Webster

Pest Code								RICE	RICE	RICE
Rating Date								Aug-23-2016	Aug-23-2016	Aug-23-2016
Rating Type								MOISTURE	YIELD	YIELD
Rating Unit								%	g	LB
Trt-Eval Interval								At Harvest	At Harvest	At Harvest
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
16	GWN-10469	76.5%		WDG	0.33	lb/a	115	g ai/a	POSTFLOOD	14a	1073b	2918b
	Propanil	4LB/GAL		EC	4	qt/a	128	fl oz/a	POSTFLOOD			
LSD P=.05										.	150.1	408.3
Standard Deviation										0.0	104.9	285.5
CV										0.0	14.73	14.73
Replicate F										0.000	0.489	0.489
Replicate Prob(F)										1.0000	0.6917	0.6917
Treatment F										0.000	61.465	61.465
Treatment Prob(F)										1.0000	0.0001	0.0001

LSU AgCenter SPESS

Evaluation of Rogue Plus Tank-Mixes for Post-Flood Post-Emergence Control of Annual Grasses in Drill-Seeded Rice

Trial ID:C16-49 Location: Trial Year:2016
Protocol ID:C16-49 Investigator:Eric P. Webster

Pest Code								RICE
Rating Date								Aug-23-2016
Rating Type								YIELD
Rating Unit								KG/HA
Trt-Eval Interval								At Harvest
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	
1	No GWN-10469									423g
	No Grass Herbicide									
2	No GWN-10469									646fg
	Grasp	2	LB/GAL	SC	2	oz/a	0.0313	lb ai/a	POSTFLOOD	
	COC	100%		L	1%	v/v	19.2	fl oz/a	POSTFLOOD	
3	No GWN-10469									1107e
	Regiment	80%		WP	0.63	oz/a	0.0315	lb ai/a	POSTFLOOD	
	Dyne-A-Pak	100%		L	0.83%	v/v	16	fl oz/a	POSTFLOOD	
4	No GWN-10469									2393c
	Beyond	1	LB/GAL	L	5	oz/a	0.039	lb ai/a	POSTFLOOD	
	COC	100%		L	1%	v/v	19.2	fl oz/a	POSTFLOOD	
5	No GWN-10469									3673ab
	Clincher	2.38	LB/GAL	EC	15	oz/a	0.28	lb ai/a	POSTFLOOD	
	COC	100%		L	1%	v/v	19.2	fl oz/a	POSTFLOOD	
6	No GWN-10469									
	Targa	0.88	LB/GAL	EC	15.5	oz/a	0.107	lb ai/a	POSTFLOOD	
	COC	100%		L	1%	v/v	19.2	fl oz/a	POSTFLOOD	
7	No GWN-10469									1073ef
	Sharpen	2.85	LB/GAL	SC	1	fl oz/a	1	fl oz/a	POSTFLOOD	
	COC	100%		L	1%	v/v	19.2	fl oz/a	POSTFLOOD	
8	No GWN-10469									4073a
	Propanil	4	LB/GAL	EC	4	qt/a	128	fl oz/a	POSTFLOOD	
9	GWN-10469	76.5%		WDG	0.33	lb/a	115	g ai/a	POSTFLOOD	1056ef
	No Grass Herbicide									
10	GWN-10469	76.5%		WDG	0.33	lb/a	115	g ai/a	POSTFLOOD	1669d
	Grasp	2	LB/GAL	SC	2	oz/a	0.0313	lb ai/a	POSTFLOOD	
	COC	100%		L	1%	v/v	19.2	fl oz/a	POSTFLOOD	
11	GWN-10469	76.5%		WDG	0.33	lb/a	115	g ai/a	POSTFLOOD	1813d
	Regiment	80%		WP	0.63	oz/a	0.0315	lb ai/a	POSTFLOOD	
	Dyne-A-Pak	100%		L	0.83%	v/v	16	fl oz/a	POSTFLOOD	
12	GWN-10469	76.5%		WDG	0.33	lb/a	115	g ai/a	POSTFLOOD	3463b
	Beyond	1	LB/GAL	L	5	oz/a	0.039	lb ai/a	POSTFLOOD	
	COC	100%		L	1%	v/v	19.2	fl oz/a	POSTFLOOD	
13	GWN-10469	76.5%		WDG	0.33	lb/a	115	g ai/a	POSTFLOOD	3688ab
	Clincher	2.38	LB/GAL	EC	15	oz/a	0.28	lb ai/a	POSTFLOOD	
	COC	100%		L	1%	v/v	19.2	fl oz/a	POSTFLOOD	
14	GWN-10469	76.5%		WDG	0.33	lb/a	115	g ai/a	POSTFLOOD	
	Targa	0.88	LB/GAL	EC	15.5	oz/a	0.107	lb ai/a	POSTFLOOD	
	COC	100%		L	1%	v/v	19.2	fl oz/a	POSTFLOOD	
15	GWN-10469	76.5%		WDG	0.33	lb/a	115	g ai/a	POSTFLOOD	2066cd
	Sharpen	2.85	LB/GAL	SC	1	fl oz/a	1	fl oz/a	POSTFLOOD	
	COC	100%		L	1%	v/v	19.2	fl oz/a	POSTFLOOD	

LSU AgCenter SPESS

Evaluation of Rogue Plus Tank-Mixes for Post-Flood Post-Emergence Control of Annual Grasses in Drill-Seeded Rice

Trial ID:C16-49 Location: Trial Year:2016
Protocol ID:C16-49 Investigator:Eric P. Webster

Pest Code								RICE
Rating Date								Aug-23-2016
Rating Type								YIELD
Rating Unit								KG/HA
Trt-Eval Interval								At Harvest
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	
16	GWN-10469	76.5%		WDG	0.33	lb/a	115	g ai/a	POSTFLOOD	3270b
	Propanil	4	LB/GAL	EC	4	qt/a	128	fl oz/a	POSTFLOOD	
LSD P=.05										457.6
Standard Deviation										320.0
CV										14.73
Replicate F										0.489
Replicate Prob(F)										0.6917
Treatment F										61.465
Treatment Prob(F)										0.0001

LSU AgCenter
School of Plant, Environmental and Soil Sciences

Prowl EC + Provisia With and Without COC

Experiment number	**C16-52**
Location.....	RRS-Crowley, LA
Experimental design	RCB
Number of reps.....	4
Plot size.....	5'x17'
Row width/# per plot	7.5"/8
Soil type	Crowley silt loam (3% sand, 69% silt, 28% clay)
% OM	1.4
pH	6.4
CEC.....	19.1
Crop/Variety	Provisia
Planting date	5/10/16
Emergence date	5/22/16
Harvest date	NA

Application type	EPOST	**OVERSPRAY
Date applied [mm/dd/yy]	6/1/16	6/9/16
Time [hh:mm-hh:mm]	10:30-10:45a	12:00-1:00p
Air/Soil temperature [F].....	79/84	88/86
Relative humidity [%]	80%	52%
Wind [mph, direction].....	2-3, ESE	2-5, NE
Weather [sunny, etc].....	cloudy	pt. cloudy
Soil/Leaf surface moist	dry/dry	dry/dry
Crop stage/Height.....	2-3lf/2-4"	3-4lf/4-6"
Sprayer type/MPH	BKPK/3.0	BKPK/3.0
Nozzle type/Size*	FF/110015	FF/110015
Boom ht/# Noz/Spacing	15/5/15	15/5/15
GPA/PSI.....	15/21	15/21
Applied by.....	EPW	BMM

Weed Species (population)..:---------- (height/#leaves) ----------

ECHCG(15-20m^{-2})	4-12"/3-5lf
CL111(3-5m^{-2})	2-4"/2-3lf
CLXL745(3-5m^{-2}).....	2-4"/2-3lf
ORYZA(3-5m^{-2})	2-4"/2-3lf

Flush Dates	5/12/16
Permanent Flood	6/16/16

*AMFF – Air mix flat fan nozzles

** Oversprayed with Strado Pro @ 2.5oz/A + MSO @ 1 %v/v

LSU AgCenter SPESS

Prowl EC + Provisia With and Without COC

Trial ID:C16-52 Location: Trial Year:2016
Protocol ID:C16-52 Investigator:Eric P. Webster

Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage				
Pest Code										CL111	CL111	CL111	CLXL745
Rating Date										Jun-24-2016	Jul-6-2016	Jul-18-2016	Jun-24-2016
Rating Type										CONTROL	CONTROL	CONTROL	CONTROL
Rating Unit										%	%	%	%
Trt-Eval Interval										23 DAT	35 DAT	43 DAT	23 DAT
1	Nontreated									0b	0b	0b	0b
2	Prowl EC	3.3	LB/GAL	EC	1	lb ai/a	38.8	fl oz/a	3 LEAF	88a	95a	98a	90a
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	fl oz/a	3 LEAF				
3	Prowl EC	3.3	LB/GAL	EC	1	lb ai/a	38.8	fl oz/a	3 LEAF	89a	97a	98a	88a
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	fl oz/a	3 LEAF				
	Agri-Dex	100%		L	1%	v/v	19.2	fl oz/a	3 LEAF				
LSD P=.05										6.2	1.7	1.9	6.2
Standard Deviation										3.6	1.0	1.1	3.6
CV										6.01	1.57	1.7	5.97
Replicate F										2.259	1.000	3.727	2.259
Replicate Prob(F)										0.1819	0.4547	0.0799	0.1819
Treatment F										831.013	12226.335	10423.910	840.640
Treatment Prob(F)										0.0001	0.0001	0.0001	0.0001

Means followed by same letter or symbol do not significantly differ (P=.05, LSD)
Missing data estimates are included in columns:Average=7
Could not calculate LSD (% mean diff) for columns 12,13,14,15 because error mean square = 0.

LSU AgCenter SPESS

Prowl EC + Provisia With and Without COC

Trial ID:C16-52 Location: Trial Year:2016
Protocol ID:C16-52 Investigator:Eric P. Webster

Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	CLXL745	CLXL745	ORYZA	ORYZA
	Pest Code									CLXL745	CLXL745	ORYZA	ORYZA
	Rating Date									Jul-6-2016	Jul-18-2016	Jun-24-2016	Jul-6-2016
	Rating Type									CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit									%	%	%	%
	Trt-Eval Interval									35 DAT	43 DAT	23 DAT	35 DAT
1	Nontreated									0b	0b	0b	0b
2	Prowl EC	3.3	LB/GAL	EC	1	lb ai/a	38.8	fl oz/a	3 LEAF	96a	97a	92a	96a
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	fl oz/a	3 LEAF				
3	Prowl EC	3.3	LB/GAL	EC	1	lb ai/a	38.8	fl oz/a	3 LEAF	97a	97a	92a	97a
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	fl oz/a	3 LEAF				
	Agri-Dex	100%		L	1%	v/v	19.2	fl oz/a	3 LEAF				
	LSD P=.05									2.6	3.1	7.4	1.9
	Standard Deviation									1.5	1.8	4.1	1.1
	CV									2.34	2.77	6.66	1.74
	Replicate F									0.333	0.661	1.026	1.600
	Replicate Prob(F)									0.8022	0.6056	0.4558	0.2853
	Treatment F									5475.815	3907.018	677.356	9934.868
	Treatment Prob(F)									0.0001	0.0001	0.0001	0.0001

LSU AgCenter SPESS

Prowl EC + Provisia With and Without COC

Trial ID:C16-52 Location: Trial Year:2016
Protocol ID:C16-52 Investigator:Eric P. Webster

Pest Code									ORYZA	ECHCG	ECHCG	ECHCG
Rating Date									Jul-18-2016	Jun-24-2016	Jul-6-2016	Jul-18-2016
Rating Type									CONTROL	CONTROL	CONTROL	CONTROL
Rating Unit									%	%	%	%
Trt-Eval Interval									43 DAT	23 DAT	35 DAT	43 DAT
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage				
1	Nontreated									0b	0b	0b	0b
2	Prowl EC	3.3	LB/GAL	EC	1	lb ai/a	38.8	fl oz/a	3 LEAF	99a	87a	96a	98a
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	fl oz/a	3 LEAF				
3	Prowl EC	3.3	LB/GAL	EC	1	lb ai/a	38.8	fl oz/a	3 LEAF	99a	91a	97a	98a
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	fl oz/a	3 LEAF				
	Agri-Dex	100%		L	1	% v/v	19.2	fl oz/a	3 LEAF				
LSD P=.05										0.5	6.9	2.6	.
Standard Deviation										0.3	4.0	1.5	0.0
CV										0.44	6.75	2.34	0.0
Replicate F										1.000	1.689	0.333	0.000
Replicate Prob(F)										0.4547	0.2676	0.8022	1.0000
Treatment F										156421.016	660.256	5475.815	0.000
Treatment Prob(F)										0.0001	0.0001	0.0001	1.0000

LSU AgCenter SPESS

Prowl EC + Provisia With and Without COC

Trial ID:C16-52 Location: Trial Year:2016
Protocol ID:C16-52 Investigator:Eric P. Webster

Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	RICE Jun-24-2016 INJURY % 23 DAT	RICE Jul-6-2016 INJURY % 35 DAT	RICE Jul-18-2016 INJURY % 43 DAT	RICE Sep-15-2016 HEIGHT cm At Harvest
1	Nontreated									0a	0a	0a	0b
2	Prowl EC	3.3	LB/GAL	EC	1	lb ai/a	38.8	fl oz/a	3 LEAF	0a	0a	0a	104a
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	fl oz/a	3 LEAF				
3	Prowl EC	3.3	LB/GAL	EC	1	lb ai/a	38.8	fl oz/a	3 LEAF	0a	0a	0a	102a
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	fl oz/a	3 LEAF				
	Agri-Dex	100%		L	1%	v/v	19.2	fl oz/a	3 LEAF				
LSD P=.05										.	.	.	7.8
Standard Deviation										0.0	0.0	0.0	4.5
CV										0.0	0.0	0.0	6.53
Replicate F										0.000	0.000	0.000	0.188
Replicate Prob(F)										1.0000	1.0000	1.0000	0.9009
Treatment F										0.000	0.000	0.000	703.558
Treatment Prob(F)										1.0000	1.0000	1.0000	0.0001

LSU AgCenter SPESS

Prowl EC + Provisia With and Without COC

Trial ID:C16-52 Location: Trial Year:2016
Protocol ID:C16-52 Investigator:Eric P. Webster

Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage				
Pest Code										RICE	RICE	RICE	RICE
Rating Date										Sep-15-2016	Sep-15-2016	Sep-15-2016	Sep-15-2016
Rating Type										HEIGHT	HEIGHT	HEIGHT	AVG HEIGHT
Rating Unit										cm	cm	cm	cm
Trt-Eval Interval										At Harvest	At Harvest	At Harvest	At Harvest
1	Nontreated									0b	0b	0b	0b
2	Prowl EC	3.3	LB/GAL	EC	1	lb ai/a	38.8	fl oz/a	3 LEAF	102a	101a	100a	102a
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	fl oz/a	3 LEAF				
3	Prowl EC	3.3	LB/GAL	EC	1	lb ai/a	38.8	fl oz/a	3 LEAF	104a	101a	99a	101a
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	fl oz/a	3 LEAF				
	Agri-Dex	100%		L	1%	v/v	19.2	fl oz/a	3 LEAF				
LSD P=.05										7.6	6.1	6.9	5.0
Standard Deviation										4.4	3.5	4.0	2.9
CV										6.42	5.2	6.03	4.29
Replicate F										0.073	0.587	0.186	0.074
Replicate Prob(F)										0.9723	0.6455	0.9021	0.9718
Treatment F										726.906	1110.779	824.478	1629.022
Treatment Prob(F)										0.0001	0.0001	0.0001	0.0001

LSU AgCenter
School of Plant, Environmental and Soil Sciences

Sharpen + Basagran Tankmixes for Sedge Control

Experiment number .....: **C16-55**
Location.....: RRS-Crowley, LA
Experimental design .....: RCB
Number of reps.....: 4
Plot size.....: 5'x17'
Row width/# per plot .....: 7.5"/8
Soil type .....: Crowley silt loam (3% sand, 69% silt, 28% clay)
% OM .....: 1.4
CEC.....: 19.1
Crop/Variety .....: CL 111
Planting date .....: 4/6/16
Emergence date .....: 4/16/16
Harvest date .....: NA

Application type .....: 3-4 LEAF (MPOST)
Date applied [mm/dd/yy] .....: 5/5/16
Time [hh:mm-hh:mm] .....: 10:40-10:50a
Air/Soil temperature [F].....: 74/66
Relative humidity [%] .....: 45%
Wind [mph, direction].....: 6-8, N
Weather [sunny, etc].....: sunny
Soil/Leaf surface moist .....: wet/dry
Crop stage/Height.....: 3-4lf/4-6"
Sprayer type/MPH .....: BKPK/3.0
Nozzle type/Size* .....: FF/110015
Boom ht/# Noz/Spacing .....: 15/5/15
GPA/PSI.....: 15/22
Applied by.....: BMM

Weed Species (population)..:- (height/#leaves) -
CYPES(3-5m^{-2}).....: 4-10"/3-9lf
ECHCG(20-30m^{-2}) .....: 4-6"/3-4lf
AESIN(2-3m^{-2}) .....: 2-4"/2-4lf
ALRPH(5-7m^{-2}).....: 4-10"/4-20lf
SEBEX(5-7m^{-2}).....: 1-4"/3-4lf
CYPIR(100-150m^{-2}) .....: 2-4"/3-6lf
BRAPP(10-20m^{-2}).....: 2-4"/1-3lf

Flush Dates .....: NA
Permanent Flood .....: 5/18/16

*AMFF – Air mix flat fan nozzles

LSU AgCenter SPESS

Sharpen + Basagran Tankmixes for Sedge Control

Trial ID:C16-55 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-55 Investigator:Eric P. Webster

Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	CYPES May-25-2016 CONTROL % 20 DAT	CYPES Jun-7-2016 CONTROL % 33 DAT	CYPES Jun-22-2016 CONTROL % 48 DAT	CYPIR May-25-2016 CONTROL % 20 DAT
1	No Sharpen									0f	0c	0c	0e
	No Basagan												
	COC	100%		L	1%	v/v	19.2	fl oz/a	3-4 LEAF				
2	No Sharpen									87a	83a	78a	82a
	Basagran	5	LB/GAL	L	1.6	pt/a	1	lb ai/a	3-4 LEAF				
	COC	100%		L	1%	v/v	19.2	fl oz/a	3-4 LEAF				
3	Sharpen	2.85	LB/GAL	SC	0.5	fl oz/a	0.0111	lb ai/a	3-4 LEAF	59c	18b	23b	30c
	No Basagan												
	COC	100%		L	1%	v/v	19.2	fl oz/a	3-4 LEAF				
4	Sharpen	2.85	LB/GAL	SC	0.5	fl oz/a	0.0111	lb ai/a	3-4 LEAF	78b	83a	84a	83a
	Basagran	5	LB/GAL	L	1.6	pt/a	1	lb ai/a	3-4 LEAF				
	COC	100%		L	1%	v/v	19.2	fl oz/a	3-4 LEAF				
5	Sharpen	2.85	LB/GAL	SC	0.75	fl oz/a	0.0167	lb ai/a	3-4 LEAF	38d	14b	18b	34c
	No Basagan												
	COC	100%		L	1%	v/v	19.2	fl oz/a	3-4 LEAF				
6	Sharpen	2.85	LB/GAL	SC	0.75	fl oz/a	0.0167	lb ai/a	3-4 LEAF	76b	84a	76a	68b
	Basagran	5	LB/GAL	L	1.6	pt/a	1	lb ai/a	3-4 LEAF				
	COC	100%		L	1%	v/v	19.2	fl oz/a	3-4 LEAF				
7	Sharpen	2.85	LB/GAL	SC	1	fl oz/a	0.0223	lb ai/a	3-4 LEAF	29e	18b	25b	20d
	No Basagan												
	COC	100%		L	1%	v/v	19.2	fl oz/a	3-4 LEAF				
8	Sharpen	2.85	LB/GAL	SC	1	fl oz/a	0.0223	lb ai/a	3-4 LEAF	87a	80a	83a	81a
	Basagran	5	LB/GAL	L	1.6	pt/a	1	lb ai/a	3-4 LEAF				
	COC	100%		L	1%	v/v	19.2	fl oz/a	3-4 LEAF				
LSD P=.05										7.6	9.8	9.5	8.1
Standard Deviation										5.2	6.6	6.5	5.5
CV										9.19	14.05	13.41	11.14
Replicate F										0.300	1.851	3.300	2.020
Replicate Prob(F)										0.8250	0.1690	0.0403	0.1420
Treatment F										147.935	130.278	117.257	138.662
Treatment Prob(F)										0.0001	0.0001	0.0001	0.0001

Means followed by same letter or symbol do not significantly differ (P=.05, LSD)
Could not calculate LSD (% mean diff) for columns 13,14,15 because error mean square = 0.

LSU AgCenter SPESS

Sharpen + Basagran Tankmixes for Sedge Control

Trial ID:C16-55 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-55 Investigator:Eric P. Webster

Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	CYPIR Jun-7-2016 CONTROL % 33 DAT	CYPIR Jun-22-2016 CONTROL % 48 DAT	ALRPH May-25-2016 CONTROL % 20 DAT	ALRPH Jun-7-2016 CONTROL % 33 DAT
1	No Sharpen									0d	0f	0e	0e
	No Basagan												
	COC	100%		L	1%	v/v	19.2	fl oz/a	3-4 LEAF				
2	No Sharpen									85a	73bc	11d	35c
	Basagran	5	LB/GAL	L	1.6	pt/a	1	lb ai/a	3-4 LEAF				
	COC	100%		L	1%	v/v	19.2	fl oz/a	3-4 LEAF				
3	Sharpen	2.85	LB/GAL	SC	0.5	fl oz/a	0.0111	lb ai/a	3-4 LEAF	16bc	28d	28b	28d
	No Basagan												
	COC	100%		L	1%	v/v	19.2	fl oz/a	3-4 LEAF				
4	Sharpen	2.85	LB/GAL	SC	0.5	fl oz/a	0.0111	lb ai/a	3-4 LEAF	83a	83a	29b	34c
	Basagran	5	LB/GAL	L	1.6	pt/a	1	lb ai/a	3-4 LEAF				
	COC	100%		L	1%	v/v	19.2	fl oz/a	3-4 LEAF				
5	Sharpen	2.85	LB/GAL	SC	0.75	fl oz/a	0.0167	lb ai/a	3-4 LEAF	20b	20de	38a	24d
	No Basagan												
	COC	100%		L	1%	v/v	19.2	fl oz/a	3-4 LEAF				
6	Sharpen	2.85	LB/GAL	SC	0.75	fl oz/a	0.0167	lb ai/a	3-4 LEAF	84a	69c	23c	44b
	Basagran	5	LB/GAL	L	1.6	pt/a	1	lb ai/a	3-4 LEAF				
	COC	100%		L	1%	v/v	19.2	fl oz/a	3-4 LEAF				
7	Sharpen	2.85	LB/GAL	SC	1	fl oz/a	0.0223	lb ai/a	3-4 LEAF	13c	13e	29b	24d
	No Basagan												
	COC	100%		L	1%	v/v	19.2	fl oz/a	3-4 LEAF				
8	Sharpen	2.85	LB/GAL	SC	1	fl oz/a	0.0223	lb ai/a	3-4 LEAF	81a	81ab	40a	59a
	Basagran	5	LB/GAL	L	1.6	pt/a	1	lb ai/a	3-4 LEAF				
	COC	100%		L	1%	v/v	19.2	fl oz/a	3-4 LEAF				
LSD P=.05										6.7	9.6	4.2	6.0
Standard Deviation										4.6	6.5	2.9	4.1
CV										9.55	14.3	11.69	13.22
Replicate F										0.339	2.301	2.376	0.425
Replicate Prob(F)										0.7971	0.1067	0.0989	0.7373
Treatment F										283.987	108.084	85.778	70.213
Treatment Prob(F)										0.0001	0.0001	0.0001	0.0001

LSU AgCenter SPESS

Sharpen + Basagran Tankmixes for Sedge Control

Trial ID:C16-55 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-55 Investigator:Eric P. Webster

Pest Code								AESIN	AESIN	SEBEX	SEBEX
Rating Date								May-25-2016	Jun-7-2016	May-25-2016	Jun-7-2016
Rating Type								CONTROL	CONTROL	CONTROL	CONTROL
Rating Unit								%	%	%	%
Trt-Eval Interval								20 DAT	33 DAT	20 DAT	33 DAT
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate Rate Unit	Other Rate	Other Rate Unit	Growth Stage				
1	No Sharpen								0c	0b	0d	0b
	No Basagan											
	COC	100%		L	1% v/v	19.2	fl oz/a	3-4 LEAF				
2	No Sharpen								88b	87a	88c	91a
	Basagran	5	LB/GAL	L	1.6pt/a	1	lb ai/a	3-4 LEAF				
	COC	100%		L	1% v/v	19.2	fl oz/a	3-4 LEAF				
3	Sharpen	2.85	LB/GAL	SC	0.5fl oz/a	0.0111	lb ai/a	3-4 LEAF	97a	95a	95ab	93a
	No Basagan											
	COC	100%		L	1% v/v	19.2	fl oz/a	3-4 LEAF				
4	Sharpen	2.85	LB/GAL	SC	0.5fl oz/a	0.0111	lb ai/a	3-4 LEAF	94a	93a	95ab	93a
	Basagran	5	LB/GAL	L	1.6pt/a	1	lb ai/a	3-4 LEAF				
	COC	100%		L	1% v/v	19.2	fl oz/a	3-4 LEAF				
5	Sharpen	2.85	LB/GAL	SC	0.75fl oz/a	0.0167	lb ai/a	3-4 LEAF	95a	95a	95ab	95a
	No Basagan											
	COC	100%		L	1% v/v	19.2	fl oz/a	3-4 LEAF				
6	Sharpen	2.85	LB/GAL	SC	0.75fl oz/a	0.0167	lb ai/a	3-4 LEAF	95a	87a	93b	91a
	Basagran	5	LB/GAL	L	1.6pt/a	1	lb ai/a	3-4 LEAF				
	COC	100%		L	1% v/v	19.2	fl oz/a	3-4 LEAF				
7	Sharpen	2.85	LB/GAL	SC	1fl oz/a	0.0223	lb ai/a	3-4 LEAF	96a	94a	95ab	96a
	No Basagan											
	COC	100%		L	1% v/v	19.2	fl oz/a	3-4 LEAF				
8	Sharpen	2.85	LB/GAL	SC	1fl oz/a	0.0223	lb ai/a	3-4 LEAF	97a	93a	97a	95a
	Basagran	5	LB/GAL	L	1.6pt/a	1	lb ai/a	3-4 LEAF				
	COC	100%		L	1% v/v	19.2	fl oz/a	3-4 LEAF				
LSD P=.05									3.8	8.6	4.1	4.5
Standard Deviation									2.6	5.9	2.8	3.1
CV									3.16	7.3	3.35	3.75
Replicate F									0.997	0.186	1.282	9.307
Replicate Prob(F)									0.4138	0.9044	0.3065	0.0004
Treatment F									660.390	123.676	584.620	464.395
Treatment Prob(F)									0.0001	0.0001	0.0001	0.0001

LSU AgCenter SPESS

Sharpen + Basagran Tankmixes for Sedge Control

Trial ID:C16-55 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-55 Investigator:Eric P. Webster

Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	RICE May-25-2016 INJURY % 20 DAT	RICE Jun-7-2016 INJURY % 33 DAT	RICE Jun-22-2016 INJURY % 48 DAT	RICE Aug-22-2016 HEIGHT cm At Harvest
1	No Sharpen									0a	0a	0a	97c
	No Basagan												
	COC	100%		L	1%	v/v	19.2	fl oz/a	3-4 LEAF				
2	No Sharpen									0a	0a	0a	104a
	Basagran	5	LB/GAL	L	1.6	pt/a	1	lb ai/a	3-4 LEAF				
	COC	100%		L	1%	v/v	19.2	fl oz/a	3-4 LEAF				
3	Sharpen	2.85	LB/GAL	SC	0.5	fl oz/a	0.0111	lb ai/a	3-4 LEAF	0a	0a	0a	98bc
	No Basagan												
	COC	100%		L	1%	v/v	19.2	fl oz/a	3-4 LEAF				
4	Sharpen	2.85	LB/GAL	SC	0.5	fl oz/a	0.0111	lb ai/a	3-4 LEAF	0a	0a	0a	103ab
	Basagran	5	LB/GAL	L	1.6	pt/a	1	lb ai/a	3-4 LEAF				
	COC	100%		L	1%	v/v	19.2	fl oz/a	3-4 LEAF				
5	Sharpen	2.85	LB/GAL	SC	0.75	fl oz/a	0.0167	lb ai/a	3-4 LEAF	0a	0a	0a	103ab
	No Basagan												
	COC	100%		L	1%	v/v	19.2	fl oz/a	3-4 LEAF				
6	Sharpen	2.85	LB/GAL	SC	0.75	fl oz/a	0.0167	lb ai/a	3-4 LEAF	0a	0a	0a	101abc
	Basagran	5	LB/GAL	L	1.6	pt/a	1	lb ai/a	3-4 LEAF				
	COC	100%		L	1%	v/v	19.2	fl oz/a	3-4 LEAF				
7	Sharpen	2.85	LB/GAL	SC	1	fl oz/a	0.0223	lb ai/a	3-4 LEAF	0a	0a	0a	101abc
	No Basagan												
	COC	100%		L	1%	v/v	19.2	fl oz/a	3-4 LEAF				
8	Sharpen	2.85	LB/GAL	SC	1	fl oz/a	0.0223	lb ai/a	3-4 LEAF	0a	0a	0a	103a
	Basagran	5	LB/GAL	L	1.6	pt/a	1	lb ai/a	3-4 LEAF				
	COC	100%		L	1%	v/v	19.2	fl oz/a	3-4 LEAF				
LSD P=.05										.	.	.	5.0
Standard Deviation										0.0	0.0	0.0	3.4
CV										0.0	0.0	0.0	3.36
Replicate F										0.000	0.000	0.000	3.251
Replicate Prob(F)										1.0000	1.0000	1.0000	0.0422
Treatment F										0.000	0.000	0.000	2.216
Treatment Prob(F)										1.0000	1.0000	1.0000	0.0748

LSU AgCenter SPESS

Sharpen + Basagran Tankmixes for Sedge Control

Trial ID:C16-55 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-55 Investigator:Eric P. Webster

Pest Code								RICE	RICE	RICE	RICE
Rating Date								Aug-22-2016	Aug-22-2016	Aug-22-2016	Aug-22-2016
Rating Type								HEIGHT	HEIGHT	HEIGHT	AVG HEIGHT
Rating Unit								cm	cm	cm	cm
Trt-Eval Interval								At Harvest	At Harvest	At Harvest	At Harvest
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage				
1	No Sharpen									100a	101a	101bc	100b
	No Basagan												
	COC	100%		L	1%	v/v	19.2	fl oz/a	3-4 LEAF				
2	No Sharpen									103a	102a	99c	102ab
	Basagran	5	LB/GAL	L	1.6	pt/a	1	lb ai/a	3-4 LEAF				
	COC	100%		L	1%	v/v	19.2	fl oz/a	3-4 LEAF				
3	Sharpen	2.85	LB/GAL	SC	0.5	fl oz/a	0.0111	lb ai/a	3-4 LEAF	101a	100a	101abc	100ab
	No Basagan												
	COC	100%		L	1%	v/v	19.2	fl oz/a	3-4 LEAF				
4	Sharpen	2.85	LB/GAL	SC	0.5	fl oz/a	0.0111	lb ai/a	3-4 LEAF	101a	100a	100bc	101ab
	Basagran	5	LB/GAL	L	1.6	pt/a	1	lb ai/a	3-4 LEAF				
	COC	100%		L	1%	v/v	19.2	fl oz/a	3-4 LEAF				
5	Sharpen	2.85	LB/GAL	SC	0.75	fl oz/a	0.0167	lb ai/a	3-4 LEAF	103a	101a	104ab	102ab
	No Basagan												
	COC	100%		L	1%	v/v	19.2	fl oz/a	3-4 LEAF				
6	Sharpen	2.85	LB/GAL	SC	0.75	fl oz/a	0.0167	lb ai/a	3-4 LEAF	103a	99a	103ab	101ab
	Basagran	5	LB/GAL	L	1.6	pt/a	1	lb ai/a	3-4 LEAF				
	COC	100%		L	1%	v/v	19.2	fl oz/a	3-4 LEAF				
7	Sharpen	2.85	LB/GAL	SC	1	fl oz/a	0.0223	lb ai/a	3-4 LEAF	102a	103a	105a	103a
	No Basagan												
	COC	100%		L	1%	v/v	19.2	fl oz/a	3-4 LEAF				
8	Sharpen	2.85	LB/GAL	SC	1	fl oz/a	0.0223	lb ai/a	3-4 LEAF	105a	101a	101abc	103ab
	Basagran	5	LB/GAL	L	1.6	pt/a	1	lb ai/a	3-4 LEAF				
	COC	100%		L	1%	v/v	19.2	fl oz/a	3-4 LEAF				
LSD P=.05										5.1	6.8	4.4	3.0
Standard Deviation										3.5	4.6	3.0	2.1
CV										3.38	4.6	2.94	2.04
Replicate F										2.939	1.668	0.320	4.485
Replicate Prob(F)										0.0568	0.2042	0.8110	0.0139
Treatment F										0.884	0.378	2.176	1.396
Treatment Prob(F)										0.5354	0.9050	0.0795	0.2586

LSU AgCenter
School of Plant, Environmental and Soil Sciences

Sharpen + Permit Tankmixes for Sedge Control

Experiment number .....: **C16-56**
Location.....: RRS-Crowley, LA
Experimental design.....: RCB
Number of reps.....: 4
Plot size.....: 5'x17'
Row width/# per plot.....: 7.5"/8
Soil type .....: Crowley silt loam (3% sand, 69% silt, 28% clay)
% OM .....: 1.4
pH .....: 6.4
CEC.....: 19.1
Crop/Variety .....: CL 111
Planting date .....: 4/6/16
Emergence date .....: 4/16/16
Harvest date.....: NA

Application type .....: 3-4 LEAF (MPOST)
Date applied [mm/dd/yy].....: 5/5/16
Time [hh:mm-hh:mm] .....: 10:55-11:15a
Air/Soil temperature [F].....: 74/66
Relative humidity [%].....: 45%
Wind [mph, direction].....: 6-8, N
Weather [sunny, etc].....: sunny
Soil/Leaf surface moist .....: wet/dry
Crop stage/Height.....: 3-4lf/4-6"
Sprayer type/MPH .....: BKPK/3.0
Nozzle type/Size* .....: FF/110015
Boom ht/# Noz/Spacing.....: 15/5/15
GPA/PSI.....: 15/21
Applied by.....: BMM

Weed Species (population)..:- (height/#leaves) -
CYPES(3-5m^{-2}).....: 4-10"/3-9lf
CYPIR(100-150m^{-2}).....: 2-4"/3-6lf

Flush Dates .....: NA
Permanent Flood.....: 5/18/16

*AMFF – Air mix flat fan nozzles

LSU AgCenter SPESS

Sharpen + Permit Tankmixes for Control of Sedges

Trial ID:C16-56 Location: Trial Year:2016
Protocol ID:C16-56 Investigator:Eric P. Webster

Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	CYPES May-25-2016 CONTROL % 20 DAT	CYPES Jun-7-2016 CONTROL % 33 DAT	CYPES Jun-24-2016 CONTROL % 50 DAT	CYPIR May-25-2016 CONTROL % 20 DAT
1	No Sharpen									0d	0d	0c	0f
	No Permit												
	COC	100%		L	1% v/v		19.2	fl oz/a	3-4 LEAF				
2	No Sharpen									93ab	97a	88a	89bc
	Permit	75%		WG	0.3	oz/a	0.014	lb ai/a	3-4 LEAF				
	COC	100%		L	1% v/v		19.2	fl oz/a	3-4 LEAF				
3	No Sharpen									91ab	98a	86a	88c
	Permit	75%		WG	0.6	oz/a	0.028	lb ai/a	3-4 LEAF				
	COC	100%		L	1% v/v		19.2	fl oz/a	3-4 LEAF				
4	Sharpen	2.85	LB/GAL	SC	0.5	fl oz/a	0.0111	lb ai/a	3-4 LEAF	24c	15c	23b	13e
	No Permit												
	COC	100%		L	1% v/v		19.2	fl oz/a	3-4 LEAF				
5	Sharpen	2.85	LB/GAL	SC	0.5	fl oz/a	0.0111	lb ai/a	3-4 LEAF	91ab	97a	89a	88bc
	Permit	75%		WG	0.3	oz/a	0.014	lb ai/a	3-4 LEAF				
	COC	100%		L	1% v/v		19.2	fl oz/a	3-4 LEAF				
6	Sharpen	2.85	LB/GAL	SC	0.5	fl oz/a	0.0111	lb ai/a	3-4 LEAF	91ab	97a	85a	91abc
	Permit	75%		WG	0.6	oz/a	0.028	lb ai/a	3-4 LEAF				
	COC	100%		L	1% v/v		19.2	fl oz/a	3-4 LEAF				
7	Sharpen	2.85	LB/GAL	SC	0.75	fl oz/a	0.0167	lb ai/a	3-4 LEAF	24c	15c	23b	14e
	No Permit												
	COC	100%		L	1% v/v		19.2	fl oz/a	3-4 LEAF				
8	Sharpen	2.85	LB/GAL	SC	0.75	fl oz/a	0.0167	lb ai/a	3-4 LEAF	80b	97a	86a	89bc
	Permit	75%		WG	0.3	oz/a	0.014	lb ai/a	3-4 LEAF				
	COC	100%		L	1% v/v		19.2	fl oz/a	3-4 LEAF				
9	Sharpen	2.85	LB/GAL	SC	0.75	fl oz/a	0.0167	lb ai/a	3-4 LEAF	93ab	97a	90a	88c
	Permit	75%		WG	0.6	oz/a	0.028	lb ai/a	3-4 LEAF				
	COC	100%		L	1% v/v		19.2	fl oz/a	3-4 LEAF				
10	Sharpen	2.85	LB/GAL	SC	1	fl oz/a	0.0223	lb ai/a	3-4 LEAF	31c	23b	18b	28d
	No Permit												
	COC	100%		L	1% v/v		19.2	fl oz/a	3-4 LEAF				
11	Sharpen	2.85	LB/GAL	SC	1	fl oz/a	0.0223	lb ai/a	3-4 LEAF	96a	98a	88a	93ab
	Permit	75%		WG	0.3	oz/a	0.014	lb ai/a	3-4 LEAF				
	COC	100%		L	1% v/v		19.2	fl oz/a	3-4 LEAF				
12	Sharpen	2.85	LB/GAL	SC	1	fl oz/a	0.0223	lb ai/a	3-4 LEAF	98a	98a	85a	95a
	Permit	75%		WG	0.6	oz/a	0.028	lb ai/a	3-4 LEAF				
	COC	100%		L	1% v/v		19.2	fl oz/a	3-4 LEAF				
LSD P=.05										12.6	3.6	5.8	5.3
Standard Deviation										8.8	2.5	4.1	3.7
CV										13.0	3.58	6.41	5.71
Replicate F										0.711	1.146	1.807	0.482
Replicate Prob(F)										0.5526	0.3450	0.1651	0.6972
Treatment F										68.293	1136.884	308.989	430.255
Treatment Prob(F)										0.0001	0.0001	0.0001	0.0001

Means followed by same letter or symbol do not significantly differ (P=.05, LSD)
Could not calculate LSD (% mean diff) for columns 7,8,9 because error mean square = 0.

LSU AgCenter SPESS

Sharpen + Permit Tankmixes for Control of Sedges

Trial ID:C16-56 Location: Trial Year:2016
Protocol ID:C16-56 Investigator:Eric P. Webster

Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	CYPIR Jun-7-2016 CONTROL % 33 DAT	CYPIR Jun-24-2016 CONTROL % 50 DAT	RICE May-25-2016 INJURY % 20 DAT	RICE Jun-7-2016 INJURY % 33 DAT
1	No Sharpen									0d	0d	0a	0a
	No Permit												
	COC	100%		L	1% v/v		19.2	fl oz/a	3-4 LEAF				
2	No Sharpen									97a	89a	0a	0a
	Permit	75%		WG	0.3	oz/a	0.014	lb ai/a	3-4 LEAF				
	COC	100%		L	1% v/v		19.2	fl oz/a	3-4 LEAF				
3	No Sharpen									96a	88a	0a	0a
	Permit	75%		WG	0.6	oz/a	0.028	lb ai/a	3-4 LEAF				
	COC	100%		L	1% v/v		19.2	fl oz/a	3-4 LEAF				
4	Sharpen	2.85	LB/GAL	SC	0.5	fl oz/a	0.0111	lb ai/a	3-4 LEAF	13c	28c	0a	0a
	No Permit												
	COC	100%		L	1% v/v		19.2	fl oz/a	3-4 LEAF				
5	Sharpen	2.85	LB/GAL	SC	0.5	fl oz/a	0.0111	lb ai/a	3-4 LEAF	97a	91a	0a	0a
	Permit	75%		WG	0.3	oz/a	0.014	lb ai/a	3-4 LEAF				
	COC	100%		L	1% v/v		19.2	fl oz/a	3-4 LEAF				
6	Sharpen	2.85	LB/GAL	SC	0.5	fl oz/a	0.0111	lb ai/a	3-4 LEAF	98a	88a	0a	0a
	Permit	75%		WG	0.6	oz/a	0.028	lb ai/a	3-4 LEAF				
	COC	100%		L	1% v/v		19.2	fl oz/a	3-4 LEAF				
7	Sharpen	2.85	LB/GAL	SC	0.75	fl oz/a	0.0167	lb ai/a	3-4 LEAF	21b	38b	0a	0a
	No Permit												
	COC	100%		L	1% v/v		19.2	fl oz/a	3-4 LEAF				
8	Sharpen	2.85	LB/GAL	SC	0.75	fl oz/a	0.0167	lb ai/a	3-4 LEAF	98a	89a	0a	0a
	Permit	75%		WG	0.3	oz/a	0.014	lb ai/a	3-4 LEAF				
	COC	100%		L	1% v/v		19.2	fl oz/a	3-4 LEAF				
9	Sharpen	2.85	LB/GAL	SC	0.75	fl oz/a	0.0167	lb ai/a	3-4 LEAF	96a	90a	0a	0a
	Permit	75%		WG	0.6	oz/a	0.028	lb ai/a	3-4 LEAF				
	COC	100%		L	1% v/v		19.2	fl oz/a	3-4 LEAF				
10	Sharpen	2.85	LB/GAL	SC	1	fl oz/a	0.0223	lb ai/a	3-4 LEAF	15c	23c	0a	0a
	No Permit												
	COC	100%		L	1% v/v		19.2	fl oz/a	3-4 LEAF				
11	Sharpen	2.85	LB/GAL	SC	1	fl oz/a	0.0223	lb ai/a	3-4 LEAF	97a	88a	0a	0a
	Permit	75%		WG	0.3	oz/a	0.014	lb ai/a	3-4 LEAF				
	COC	100%		L	1% v/v		19.2	fl oz/a	3-4 LEAF				
12	Sharpen	2.85	LB/GAL	SC	1	fl oz/a	0.0223	lb ai/a	3-4 LEAF	98a	90a	0a	0a
	Permit	75%		WG	0.6	oz/a	0.028	lb ai/a	3-4 LEAF				
	COC	100%		L	1% v/v		19.2	fl oz/a	3-4 LEAF				
LSD P=.05										3.9	7.2	.	.
Standard Deviation										2.7	5.0	0.0	0.0
CV										3.96	7.53	0.0	0.0
Replicate F										0.362	0.352	0.000	0.000
Replicate Prob(F)										0.7805	0.7878	1.0000	1.0000
Treatment F										952.555	184.412	0.000	0.000
Treatment Prob(F)										0.0001	0.0001	1.0000	1.0000

LSU AgCenter SPESS

Sharpen + Permit Tankmixes for Control of Sedges

Trial ID:C16-56 Location: Trial Year:2016
Protocol ID:C16-56 Investigator:Eric P. Webster

Pest Code								RICE	RICE	RICE	RICE
Rating Date								Jun-24-2016	Aug-22-2016	Aug-22-2016	Aug-22-2016
Rating Type								INJURY	HEIGHT	HEIGHT	HEIGHT
Rating Unit								%	cm	cm	cm
Trt-Eval Interval								50 DAT	At Harvest	At Harvest	At Harvest
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage				
1	No Sharpen									0a	104a	103a	100ab
	No Permit												
	COC	100%		L	1% v/v		19.2	fl oz/a	3-4 LEAF				
2	No Sharpen									0a	102a	102a	97ab
	Permit	75%		WG	0.3	oz/a	0.014	lb ai/a	3-4 LEAF				
	COC	100%		L	1% v/v		19.2	fl oz/a	3-4 LEAF				
3	No Sharpen									0a	102a	99a	99ab
	Permit	75%		WG	0.6	oz/a	0.028	lb ai/a	3-4 LEAF				
	COC	100%		L	1% v/v		19.2	fl oz/a	3-4 LEAF				
4	Sharpen	2.85	LB/GAL	SC	0.5	fl oz/a	0.0111	lb ai/a	3-4 LEAF	0a	101a	101a	104a
	No Permit												
	COC	100%		L	1% v/v		19.2	fl oz/a	3-4 LEAF				
5	Sharpen	2.85	LB/GAL	SC	0.5	fl oz/a	0.0111	lb ai/a	3-4 LEAF	0a	99a	101a	95b
	Permit	75%		WG	0.3	oz/a	0.014	lb ai/a	3-4 LEAF				
	COC	100%		L	1% v/v		19.2	fl oz/a	3-4 LEAF				
6	Sharpen	2.85	LB/GAL	SC	0.5	fl oz/a	0.0111	lb ai/a	3-4 LEAF	0a	102a	101a	100ab
	Permit	75%		WG	0.6	oz/a	0.028	lb ai/a	3-4 LEAF				
	COC	100%		L	1% v/v		19.2	fl oz/a	3-4 LEAF				
7	Sharpen	2.85	LB/GAL	SC	0.75	fl oz/a	0.0167	lb ai/a	3-4 LEAF	0a	103a	103a	99ab
	No Permit												
	COC	100%		L	1% v/v		19.2	fl oz/a	3-4 LEAF				
8	Sharpen	2.85	LB/GAL	SC	0.75	fl oz/a	0.0167	lb ai/a	3-4 LEAF	0a	104a	103a	102a
	Permit	75%		WG	0.3	oz/a	0.014	lb ai/a	3-4 LEAF				
	COC	100%		L	1% v/v		19.2	fl oz/a	3-4 LEAF				
9	Sharpen	2.85	LB/GAL	SC	0.75	fl oz/a	0.0167	lb ai/a	3-4 LEAF	0a	98a	104a	100ab
	Permit	75%		WG	0.6	oz/a	0.028	lb ai/a	3-4 LEAF				
	COC	100%		L	1% v/v		19.2	fl oz/a	3-4 LEAF				
10	Sharpen	2.85	LB/GAL	SC	1	fl oz/a	0.0223	lb ai/a	3-4 LEAF	0a	100a	101a	100ab
	No Permit												
	COC	100%		L	1% v/v		19.2	fl oz/a	3-4 LEAF				
11	Sharpen	2.85	LB/GAL	SC	1	fl oz/a	0.0223	lb ai/a	3-4 LEAF	0a	98a	99a	102a
	Permit	75%		WG	0.3	oz/a	0.014	lb ai/a	3-4 LEAF				
	COC	100%		L	1% v/v		19.2	fl oz/a	3-4 LEAF				
12	Sharpen	2.85	LB/GAL	SC	1	fl oz/a	0.0223	lb ai/a	3-4 LEAF	0a	102a	100a	100ab
	Permit	75%		WG	0.6	oz/a	0.028	lb ai/a	3-4 LEAF				
	COC	100%		L	1% v/v		19.2	fl oz/a	3-4 LEAF				
LSD P=.05										.	5.9	6.5	6.6
Standard Deviation										0.0	4.1	4.5	4.6
CV										0.0	4.03	4.44	4.59
Replicate F										0.000	1.998	0.307	2.405
Replicate Prob(F)										1.0000	0.1334	0.8205	0.0850
Treatment F										0.000	1.041	0.498	0.958
Treatment Prob(F)										1.0000	0.4348	0.8908	0.5014

LSU AgCenter SPESS

Sharpen + Permit Tankmixes for Control of Sedges

Trial ID:C16-56 Location: Trial Year:2016
Protocol ID:C16-56 Investigator:Eric P. Webster

Pest Code								RICE	RICE
Rating Date								Aug-22-2016	Aug-22-2016
Rating Type								HEIGHT	AVG HEIGHT
Rating Unit								cm	cm
Trt-Eval Interval								At Harvest	At Harvest
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage		
1	No Sharpen									99a	102a
	No Permit										
	COC	100%		L	1%	v/v	19.2	fl oz/a	3-4 LEAF		
2	No Sharpen									98a	100ab
	Permit	75%		WG	0.3	oz/a	0.014	lb ai/a	3-4 LEAF		
	COC	100%		L	1%	v/v	19.2	fl oz/a	3-4 LEAF		
3	No Sharpen									99a	100ab
	Permit	75%		WG	0.6	oz/a	0.028	lb ai/a	3-4 LEAF		
	COC	100%		L	1%	v/v	19.2	fl oz/a	3-4 LEAF		
4	Sharpen	2.85	LB/GAL	SC	0.5	fl oz/a	0.0111	lb ai/a	3-4 LEAF	101a	101a
	No Permit										
	COC	100%		L	1%	v/v	19.2	fl oz/a	3-4 LEAF		
5	Sharpen	2.85	LB/GAL	SC	0.5	fl oz/a	0.0111	lb ai/a	3-4 LEAF	98a	98b
	Permit	75%		WG	0.3	oz/a	0.014	lb ai/a	3-4 LEAF		
	COC	100%		L	1%	v/v	19.2	fl oz/a	3-4 LEAF		
6	Sharpen	2.85	LB/GAL	SC	0.5	fl oz/a	0.0111	lb ai/a	3-4 LEAF	99a	100ab
	Permit	75%		WG	0.6	oz/a	0.028	lb ai/a	3-4 LEAF		
	COC	100%		L	1%	v/v	19.2	fl oz/a	3-4 LEAF		
7	Sharpen	2.85	LB/GAL	SC	0.75	fl oz/a	0.0167	lb ai/a	3-4 LEAF	101a	101a
	No Permit										
	COC	100%		L	1%	v/v	19.2	fl oz/a	3-4 LEAF		
8	Sharpen	2.85	LB/GAL	SC	0.75	fl oz/a	0.0167	lb ai/a	3-4 LEAF	99a	102a
	Permit	75%		WG	0.3	oz/a	0.014	lb ai/a	3-4 LEAF		
	COC	100%		L	1%	v/v	19.2	fl oz/a	3-4 LEAF		
9	Sharpen	2.85	LB/GAL	SC	0.75	fl oz/a	0.0167	lb ai/a	3-4 LEAF	101a	100ab
	Permit	75%		WG	0.6	oz/a	0.028	lb ai/a	3-4 LEAF		
	COC	100%		L	1%	v/v	19.2	fl oz/a	3-4 LEAF		
10	Sharpen	2.85	LB/GAL	SC	1	fl oz/a	0.0223	lb ai/a	3-4 LEAF	100a	100ab
	No Permit										
	COC	100%		L	1%	v/v	19.2	fl oz/a	3-4 LEAF		
11	Sharpen	2.85	LB/GAL	SC	1	fl oz/a	0.0223	lb ai/a	3-4 LEAF	102a	100ab
	Permit	75%		WG	0.3	oz/a	0.014	lb ai/a	3-4 LEAF		
	COC	100%		L	1%	v/v	19.2	fl oz/a	3-4 LEAF		
12	Sharpen	2.85	LB/GAL	SC	1	fl oz/a	0.0223	lb ai/a	3-4 LEAF	99a	100ab
	Permit	75%		WG	0.6	oz/a	0.028	lb ai/a	3-4 LEAF		
	COC	100%		L	1%	v/v	19.2	fl oz/a	3-4 LEAF		
LSD P=.05										7.6	3.2
Standard Deviation										5.3	2.2
CV										5.34	2.24
Replicate F										0.667	1.711
Replicate Prob(F)										0.5782	0.1839
Treatment F										0.211	0.872
Treatment Prob(F)										0.9956	0.5750

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Sharpen at Reduced Rates with Different Adjuvants

Experiment number .....: **C16-57**
Location.....: RRS-Crowley, LA
Experimental design .....: RCB
Number of reps.....: 4
Plot size.....: 5'x17'
Row width/# per plot .....: 7.5"/8
Soil type .....: Crowley silt loam (3% sand, 69% silt, 28% clay)
% OM .....: 1.4
pH .....: 6.4
CEC.....: 19.1
Crop/Variety .....: CL 111
Planting date .....: 4/6/16
Emergence date .....: 4/16/16
Harvest date .....: NA

Application type .....: MPOST
Date applied [mm/dd/yy] .....: 5/5/16
Time [hh:mm-hh:mm] .....: 11:17-11:25a
Air/Soil temperature [F].....: 74/66
Relative humidity [%] .....: 45%
Wind [mph, direction] .....: 6-8, N
Weather [sunny, etc].....: sunny
Soil/Leaf surface moist .....: wet/dry
Crop stage/Height.....: 3-4lf/4-6"
Sprayer type/MPH .....: BKPK/3.0
Nozzle type/Size* .....: FF/110015
Boom ht/# Noz/Spacing .....: 15/5/15
GPA/PSI.....: 15/21
Applied by.....: BMM

Weed Species (population)..:- (height/#leaves) -
AESIN(2-3m^{-2}) .....: 3-4"/3-4lf
SEBEX(5-7m^{-2}) .....: 1-4"/3-4lf

Flush Dates .....: NA
Permanent Flood .....: 5/18/16

*AMFF – Air mix flat fan nozzles

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Sharpen at Reduced Rates with Different Adjuvants for Sesbania and Jointvetch Control

Trial ID:C16-57 Location: Trial Year:2016
Protocol ID:C16-57 Investigator:Eric P. Webster

Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	AESIN May-25-2016 CONTROL % 20 DAT	AESIN Jun-7-2016 CONTROL % 33 DAT	AESIN Jun-22-2016 CONTROL % 48 DAT	SEBEX May-25-2016 CONTROL % 20 DAT
1	Sharpen	2.85	LB/GAL	SC	0.25	fl oz/a	0.00557	lb ai/a	MIDPOST	90c	96ab	93a	91bc
	Agri-Dex	100%		L	1%	v/v	19.2	fl oz/a	MIDPOST				
2	Sharpen	2.85	LB/GAL	SC	0.25	fl oz/a	0.00557	lb ai/a	MIDPOST	92bc	96ab	93a	90c
	MSO	100%		L	1%	v/v	19.2	fl oz/a	MIDPOST				
3	Sharpen	2.85	LB/GAL	SC	0.5	fl oz/a	0.0111	lb ai/a	MIDPOST	89c	95b	93a	90c
	Agri-Dex	100%		L	1%	v/v	19.2	fl oz/a	MIDPOST				
4	Sharpen	2.85	LB/GAL	SC	0.5	fl oz/a	0.0111	lb ai/a	MIDPOST	92bc	98a	93a	92abc
	MSO	100%		L	1%	v/v	19.2	fl oz/a	MIDPOST				
5	Sharpen	2.85	LB/GAL	SC	0.75	fl oz/a	0.0167	lb ai/a	MIDPOST	96a	97ab	93a	95a
	Agri-Dex	100%		L	1%	v/v	19.2	fl oz/a	MIDPOST				
6	Sharpen	2.85	LB/GAL	SC	0.75	fl oz/a	0.0167	lb ai/a	MIDPOST	94ab	96ab	94a	94abc
	MSO	100%		L	1%	v/v	19.2	fl oz/a	MIDPOST				
7	Sharpen	2.85	LB/GAL	SC	1	fl oz/a	0.0223	lb ai/a	MIDPOST	96a	98a	91a	95a
	Agri-Dex	100%		L	1%	v/v	19.2	fl oz/a	MIDPOST				
8	Sharpen	2.85	LB/GAL	SC	1	fl oz/a	0.0223	lb ai/a	MIDPOST	94ab	97ab	93a	94ab
	MSO	100%		L	1%	v/v	19.2	fl oz/a	MIDPOST				
9	Nontreated									0d	0c	0b	0d
LSD P=.05										3.0	2.5	3.8	4.1
Standard Deviation										2.1	1.7	2.6	2.8
CV										2.51	1.98	3.16	3.38
Replicate F										1.097	0.086	0.892	0.506
Replicate Prob(F)										0.3694	0.9669	0.4594	0.6819
Treatment F										898.714	1432.837	563.032	493.701
Treatment Prob(F)										0.0001	0.0001	0.0001	0.0001

Means followed by same letter or symbol do not significantly differ (P=.05, LSD)
Could not calculate LSD (% mean diff) for columns 7,8,9 because error mean square = 0.

LSU AgCenter SPESS

Sharpen at Reduced Rates with Different Adjuvants for Sesbania and Jointvetch Control

Trial ID:C16-57 Location: Trial Year:2016
Protocol ID:C16-57 Investigator:Eric P. Webster

Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	SEBEX Jun-7-2016 CONTROL % 33 DAT	SEBEX Jun-22-2016 CONTROL % 48 DAT	RICE May-25-2016 INJURY % 20 DAT	RICE Jun-7-2016 INJURY % 33 DAT
1	Sharpen	2.85	LB/GAL	SC	0.25	fl oz/a	0.00557	lb ai/a	MIDPOST	95a	92b	0a	0a
	Agri-Dex	100%		L	1%	v/v	19.2	fl oz/a	MIDPOST				
2	Sharpen	2.85	LB/GAL	SC	0.25	fl oz/a	0.00557	lb ai/a	MIDPOST	97a	93ab	0a	0a
	MSO	100%		L	1%	v/v	19.2	fl oz/a	MIDPOST				
3	Sharpen	2.85	LB/GAL	SC	0.5	fl oz/a	0.0111	lb ai/a	MIDPOST	98a	90b	0a	0a
	Agri-Dex	100%		L	1%	v/v	19.2	fl oz/a	MIDPOST				
4	Sharpen	2.85	LB/GAL	SC	0.5	fl oz/a	0.0111	lb ai/a	MIDPOST	97a	91b	0a	0a
	MSO	100%		L	1%	v/v	19.2	fl oz/a	MIDPOST				
5	Sharpen	2.85	LB/GAL	SC	0.75	fl oz/a	0.0167	lb ai/a	MIDPOST	97a	91b	0a	0a
	Agri-Dex	100%		L	1%	v/v	19.2	fl oz/a	MIDPOST				
6	Sharpen	2.85	LB/GAL	SC	0.75	fl oz/a	0.0167	lb ai/a	MIDPOST	96a	95a	0a	0a
	MSO	100%		L	1%	v/v	19.2	fl oz/a	MIDPOST				
7	Sharpen	2.85	LB/GAL	SC	1	fl oz/a	0.0223	lb ai/a	MIDPOST	98a	91b	0a	0a
	Agri-Dex	100%		L	1%	v/v	19.2	fl oz/a	MIDPOST				
8	Sharpen	2.85	LB/GAL	SC	1	fl oz/a	0.0223	lb ai/a	MIDPOST	97a	90b	0a	0a
	MSO	100%		L	1%	v/v	19.2	fl oz/a	MIDPOST				
9	Nontreated									0b	0c	0a	0a
LSD P=.05										2.5	2.7	.	.
Standard Deviation										1.7	1.8	0.0	0.0
CV										1.99	2.25	0.0	0.0
Replicate F										1.319	1.746	0.000	0.000
Replicate Prob(F)										0.2914	0.1844	1.0000	1.0000
Treatment F										1415.757	1115.834	0.000	0.000
Treatment Prob(F)										0.0001	0.0001	1.0000	1.0000

LSU AgCenter SPESS

Sharpen at Reduced Rates with Different Adjuvants for Sesbania and Jointvetch Control

Trial ID:C16-57 Location: Trial Year:2016
Protocol ID:C16-57 Investigator:Eric P. Webster

Pest Code								RICE	RICE	RICE	RICE
Rating Date								Jun-22-2016	Aug-22-2016	Aug-22-2016	Aug-22-2016
Rating Type								INJURY	HEIGHT	HEIGHT	HEIGHT
Rating Unit								%	cm	cm	cm
Trt-Eval Interval								48 DAT	At Harvest	At Harvest	At Harvest
Trt Treatment No.	Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage				
1	Sharpen	2.85	LB/GAL	SC	0.25	fl oz/a	0.00557	lb ai/a	MIDPOST	0a	100a	96c	101abc
	Agri-Dex	100%		L	1%	v/v	19.2	fl oz/a	MIDPOST				
2	Sharpen	2.85	LB/GAL	SC	0.25	fl oz/a	0.00557	lb ai/a	MIDPOST	0a	101a	104ab	105ab
	MSO	100%		L	1%	v/v	19.2	fl oz/a	MIDPOST				
3	Sharpen	2.85	LB/GAL	SC	0.5	fl oz/a	0.0111	lb ai/a	MIDPOST	0a	100a	99abc	101bc
	Agri-Dex	100%		L	1%	v/v	19.2	fl oz/a	MIDPOST				
4	Sharpen	2.85	LB/GAL	SC	0.5	fl oz/a	0.0111	lb ai/a	MIDPOST	0a	101a	102abc	105ab
	MSO	100%		L	1%	v/v	19.2	fl oz/a	MIDPOST				
5	Sharpen	2.85	LB/GAL	SC	0.75	fl oz/a	0.0167	lb ai/a	MIDPOST	0a	105a	105a	103abc
	Agri-Dex	100%		L	1%	v/v	19.2	fl oz/a	MIDPOST				
6	Sharpen	2.85	LB/GAL	SC	0.75	fl oz/a	0.0167	lb ai/a	MIDPOST	0a	104a	103ab	107a
	MSO	100%		L	1%	v/v	19.2	fl oz/a	MIDPOST				
7	Sharpen	2.85	LB/GAL	SC	1	fl oz/a	0.0223	lb ai/a	MIDPOST	0a	102a	104ab	104abc
	Agri-Dex	100%		L	1%	v/v	19.2	fl oz/a	MIDPOST				
8	Sharpen	2.85	LB/GAL	SC	1	fl oz/a	0.0223	lb ai/a	MIDPOST	0a	101a	105a	103abc
	MSO	100%		L	1%	v/v	19.2	fl oz/a	MIDPOST				
9	Nontreated									0a	101a	97bc	99c
LSD P=.05										.	7.1	6.7	6.0
Standard Deviation										0.0	4.9	4.6	4.1
CV										0.0	4.79	4.56	3.98
Replicate F										0.000	1.355	4.850	1.846
Replicate Prob(F)										1.0000	0.2802	0.0089	0.1658
Treatment F										0.000	0.517	2.083	1.533
Treatment Prob(F)										1.0000	0.8317	0.0788	0.1982

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Sharpen at Reduced Rates with Different Adjuvants for Sesbania and Jointvetch Control

Trial ID:C16-57 Location: Trial Year:2016
Protocol ID:C16-57 Investigator:Eric P. Webster

Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	RICE Aug-22-2016 HEIGHT cm At Harvest	RICE Aug-22-2016 AVG HEIGHT cm At Harvest
1	Sharpen	2.85	LB/GAL	SC	0.25	fl oz/a	0.00557	lb ai/a	MIDPOST	101cd	100bc
	Agri-Dex	100%		L	1%	v/v	19.2	fl oz/a	MIDPOST		
2	Sharpen	2.85	LB/GAL	SC	0.25	fl oz/a	0.00557	lb ai/a	MIDPOST	101bcd	103abc
	MSO	100%		L	1%	v/v	19.2	fl oz/a	MIDPOST		
3	Sharpen	2.85	LB/GAL	SC	0.5	fl oz/a	0.0111	lb ai/a	MIDPOST	99d	100bc
	Agri-Dex	100%		L	1%	v/v	19.2	fl oz/a	MIDPOST		
4	Sharpen	2.85	LB/GAL	SC	0.5	fl oz/a	0.0111	lb ai/a	MIDPOST	105abc	103abc
	MSO	100%		L	1%	v/v	19.2	fl oz/a	MIDPOST		
5	Sharpen	2.85	LB/GAL	SC	0.75	fl oz/a	0.0167	lb ai/a	MIDPOST	102bcd	104abc
	Agri-Dex	100%		L	1%	v/v	19.2	fl oz/a	MIDPOST		
6	Sharpen	2.85	LB/GAL	SC	0.75	fl oz/a	0.0167	lb ai/a	MIDPOST	109a	106a
	MSO	100%		L	1%	v/v	19.2	fl oz/a	MIDPOST		
7	Sharpen	2.85	LB/GAL	SC	1	fl oz/a	0.0223	lb ai/a	MIDPOST	104a-d	103abc
	Agri-Dex	100%		L	1%	v/v	19.2	fl oz/a	MIDPOST		
8	Sharpen	2.85	LB/GAL	SC	1	fl oz/a	0.0223	lb ai/a	MIDPOST	107ab	104ab
	MSO	100%		L	1%	v/v	19.2	fl oz/a	MIDPOST		
9	Nontreated									101cd	99c
LSD P=.05										5.9	4.6
Standard Deviation										4.0	3.1
CV										3.91	3.05
Replicate F										4.926	5.328
Replicate Prob(F)										0.0083	0.0059
Treatment F										2.720	2.115
Treatment Prob(F)										0.0275	0.0746

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Sharpen PRE at Different Rates fb Standard Program

Experiment number	**C16-58**
Location.....	RRS-Crowley, LA
Experimental design	RCB
Number of reps.....	4
Plot size.....	5'x17'
Row width/# per plot	7.5"/8
Soil type	Crowley silt loam (3% sand, 69% silt, 28% clay)
% OM	1.4
pH	6.4
CEC.....	19.1
Crop/Variety	CL 111
Planting date	4/6/16
Emergence date	4/22/16
Harvest date	NA

Application type	PRE	MPOST
Date applied [mm/dd/yy]	4/11/16	5/5/16
Time [hh:mm-hh:mm]	9:00-9:10a	12:26-12:30p
Air/Soil temperature [F].....	68/64	74/66
Relative humidity [%]	95%	42%
Wind [mph, direction].....	7-10, S	6-8, N
Weather [sunny, etc].....	cloudy	sunny
Soil/Leaf surface moist	dry/dry	wet/dry
Crop stage/Height.....	NA/NA	3-4/4-6"
Sprayer type/MPH	BKPK/3.0	BKPK/3.0
Nozzle type/Size*	FF/110015	FF/110015
Boom ht/# Noz/Spacing	15/5/15	15/5/15
GPA/PSI.....	15/22	15/21
Applied by.....	BMM	BMM

Weed Species (population)..:	---------- (height/#leaves) ----------
CYPES(3-5m^{-2}).....	4-10"/4-20lf
ECHCG(3-5m^{-2}).....	3-4"/3-4lf
SEBEX(5-7m^{-2}).....	1-4"/3-4lf
ALRPH(5-7m^{-2}).....	4-10"/4-20lf
CYPIR(100-150m^{-2}).....	1-3"/3-6lf
BRAPP(10-20m^{-2}).....	1-4"/1-4lf

Flush Dates	NA
Permanent Flood.....	5/18/16

*AMFF – Air mix flat fan nozzles

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Sharpen PRE at Different Rates fb Standard Program

Trial ID:C16-58 Location: Trial Year:2016
Protocol ID:C16-58 Investigator:Eric P. Webster

Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	BRAPP May-12-2016 CONTROL % 7 DA MPOST	BRAPP May-24-2016 CONTROL % 19 DA MPOST	ECHCG May-12-2016 CONTROL % 7 DA MPOST	ECHCG May-24-2016 CONTROL % 19 DA MPOST
1	Nontreated									0c	0c	0c	0d
2	Sharpen	2.85	LB/GAL	SC	1	fl oz/a	0.0223	lb ai/a	PRE	53b	83b	50b	65c
	Propanil	4	LB/GAL	EC	4	qt/a	4	lb ai/a	MIDPOST				
	Permit	75%		WG	1	oz/a	0.047	lb ai/a	MIDPOST				
3	Sharpen	2.85	LB/GAL	SC	2	fl oz/a	0.0445	lb ai/a	PRE	61a	90ab	63a	84b
	Propanil	4	LB/GAL	EC	4	qt/a	4	lb ai/a	MIDPOST				
	Permit	75%		WG	1	oz/a	0.047	lb ai/a	MIDPOST				
4	Sharpen	2.85	LB/GAL	SC	3	fl oz/a	0.067	lb ai/a	PRE	66a	96a	68a	91a
	Propanil	4	LB/GAL	EC	4	qt/a	4	lb ai/a	MIDPOST				
	Permit	75%		WG	1	oz/a	0.047	lb ai/a	MIDPOST				
LSD P=.05										6.0	7.7	6.5	3.5
Standard Deviation										3.7	4.8	4.1	2.2
CV										8.28	7.18	9.07	3.62
Replicate F										0.900	0.757	0.000	2.361
Replicate Prob(F)										0.4782	0.5456	1.0000	0.1393
Treatment F										268.500	350.387	229.000	1458.337
Treatment Prob(F)										0.0001	0.0001	0.0001	0.0001

Means followed by same letter or symbol do not significantly differ (P=.05, LSD)
Could not calculate LSD (% mean diff) for columns 6,15,16,17 because error mean square = 0.

LSU AgCenter SPESS

Sharpen PRE at Different Rates fb Standard Program

Trial ID:C16-58 Location: Trial Year:2016
Protocol ID:C16-58 Investigator:Eric P. Webster

Pest Code								ECHCG	ECHCG	ALRPH	ALRPH
Rating Date								Jun-7-2016	Jun-22-2016	May-12-2016	May-24-2016
Rating Type								CONTROL	CONTROL	CONTROL	CONTROL
Rating Unit								%	%	%	%
Trt-Eval Interval								33 DA MPOST	48 DA MPOST	7 DA MPOST	19 DA MPOST
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage				
1	Nontreated									0c	0a	0c	0c
2	Sharpen	2.85	LB/GAL	SC	1	fl oz/a	0.0223	lb ai/a	PRE	64ab	0a	51b	76b
	Propanil	4	LB/GAL	EC	4	qt/a	4	lb ai/a	MIDPOST				
	Permit	75%		WG	1	oz/a	0.047	lb ai/a	MIDPOST				
3	Sharpen	2.85	LB/GAL	SC	2	fl oz/a	0.0445	lb ai/a	PRE	61b	0a	63a	85a
	Propanil	4	LB/GAL	EC	4	qt/a	4	lb ai/a	MIDPOST				
	Permit	75%		WG	1	oz/a	0.047	lb ai/a	MIDPOST				
4	Sharpen	2.85	LB/GAL	SC	3	fl oz/a	0.067	lb ai/a	PRE	69a	0a	69a	90a
	Propanil	4	LB/GAL	EC	4	qt/a	4	lb ai/a	MIDPOST				
	Permit	75%		WG	1	oz/a	0.047	lb ai/a	MIDPOST				
LSD P=.05										7.1	.	10.1	8.5
Standard Deviation										4.4	0.0	6.3	5.3
CV										9.14	0.0	13.79	8.47
Replicate F										1.354	0.000	0.474	0.990
Replicate Prob(F)										0.3176	1.0000	0.7082	0.4402
Treatment F										214.593	0.000	98.789	252.391
Treatment Prob(F)										0.0001	1.0000	0.0001	0.0001

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Sharpen PRE at Different Rates fb Standard Program

Trial ID:C16-58 Location: Trial Year:2016
Protocol ID:C16-58 Investigator:Eric P. Webster

Pest Code								ALRPH	CYPES	CYPES	CYPIR
Rating Date								Jun-22-2016	May-12-2016	May-24-2016	May-12-2016
Rating Type								CONTROL	CONTROL	CONTROL	CONTROL
Rating Unit								%	%	%	%
Trt-Eval Interval								48 DA MPOST	7 DA MPOST	19 DA MPOST	7 DA MPOST
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage				
1	Nontreated									0c	0d	0c	0b
2	Sharpen	2.85	LB/GAL	SC	1	fl oz/a	0.0223	lb ai/a	PRE	48a	36c	96b	65a
	Propanil	4	LB/GAL	EC	4	qt/a	4	lb ai/a	MIDPOST				
	Permit	75%		WG	1	oz/a	0.047	lb ai/a	MIDPOST				
3	Sharpen	2.85	LB/GAL	SC	2	fl oz/a	0.0445	lb ai/a	PRE	53a	43b	98a	70a
	Propanil	4	LB/GAL	EC	4	qt/a	4	lb ai/a	MIDPOST				
	Permit	75%		WG	1	oz/a	0.047	lb ai/a	MIDPOST				
4	Sharpen	2.85	LB/GAL	SC	3	fl oz/a	0.067	lb ai/a	PRE	33b	49a	97b	71a
	Propanil	4	LB/GAL	EC	4	qt/a	4	lb ai/a	MIDPOST				
	Permit	75%		WG	1	oz/a	0.047	lb ai/a	MIDPOST				
LSD P=.05										7.7	6.1	1.0	8.5
Standard Deviation										4.8	3.8	0.6	5.3
CV										14.45	11.98	0.83	10.25
Replicate F										0.273	0.714	1.154	0.801
Replicate Prob(F)										0.8436	0.5678	0.3795	0.5239
Treatment F										97.727	131.000	25971.003	170.143
Treatment Prob(F)										0.0001	0.0001	0.0001	0.0001

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Sharpen PRE at Different Rates fb Standard Program

Trial ID:C16-58 Location: Trial Year:2016
Protocol ID:C16-58 Investigator:Eric P. Webster

Pest Code								CYPIR	RICE	RICE	RICE
Rating Date								May-24-2016	May-12-2016	May-24-2016	Jun-7-2016
Rating Type								CONTROL	INJURY	INJURY	INJURY
Rating Unit								%	%	%	%
Trt-Eval Interval								19 DA MPOST	7 DA MPOST	19 DA MPOST	33 DA MPOST
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage				
1	Nontreated									0b	0d	0a	0a
2	Sharpen	2.85	LB/GAL	SC	1	fl oz/a	0.0223	lb ai/a	PRE	96a	10c	0a	0a
	Propanil	4	LB/GAL	EC	4	qt/a	4	lb ai/a	MIDPOST				
	Permit	75%		WG	1	oz/a	0.047	lb ai/a	MIDPOST				
3	Sharpen	2.85	LB/GAL	SC	2	fl oz/a	0.0445	lb ai/a	PRE	96a	16b	0a	0a
	Propanil	4	LB/GAL	EC	4	qt/a	4	lb ai/a	MIDPOST				
	Permit	75%		WG	1	oz/a	0.047	lb ai/a	MIDPOST				
4	Sharpen	2.85	LB/GAL	SC	3	fl oz/a	0.067	lb ai/a	PRE	96a	20a	0a	0a
	Propanil	4	LB/GAL	EC	4	qt/a	4	lb ai/a	MIDPOST				
	Permit	75%		WG	1	oz/a	0.047	lb ai/a	MIDPOST				
LSD P=.05										2.2	2.0	.	.
Standard Deviation										1.4	1.3	0.0	0.0
CV										1.91	10.81	0.0	0.0
Replicate F										0.560	1.000	0.000	0.000
Replicate Prob(F)										0.6544	0.4363	1.0000	1.0000
Treatment F										4886.539	195.667	0.000	0.000
Treatment Prob(F)										0.0001	0.0001	1.0000	1.0000

LSU AgCenter SPESS

Sharpen PRE at Different Rates fb Standard Program

Trial ID:C16-58 Location: Trial Year:2016
Protocol ID:C16-58 Investigator:Eric P. Webster

Pest Code								RICE	RICE	RICE	RICE
Rating Date								Jun-22-2016	May-11-2016	May-11-2016	May-11-2016
Rating Type								INJURY	STAND COUNT	HEIGHT	HEIGHT
Rating Unit								%	#	cm	cm
Trt-Eval Interval								48 DA MPOST	6 DA MPOST	6 DA MPOST	6 DA MPOST
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage				
1	Nontreated									0a	7a	21a	20ab
2	Sharpen	2.85	LB/GAL	SC	1	fl oz/a	0.0223	lb ai/a	PRE	0a	9a	18a	21a
	Propanil	4	LB/GAL	EC	4	qt/a	4	lb ai/a	MIDPOST				
	Permit	75%		WG	1	oz/a	0.047	lb ai/a	MIDPOST				
3	Sharpen	2.85	LB/GAL	SC	2	fl oz/a	0.0445	lb ai/a	PRE	0a	8a	20a	19ab
	Propanil	4	LB/GAL	EC	4	qt/a	4	lb ai/a	MIDPOST				
	Permit	75%		WG	1	oz/a	0.047	lb ai/a	MIDPOST				
4	Sharpen	2.85	LB/GAL	SC	3	fl oz/a	0.067	lb ai/a	PRE	0a	9a	18a	16b
	Propanil	4	LB/GAL	EC	4	qt/a	4	lb ai/a	MIDPOST				
	Permit	75%		WG	1	oz/a	0.047	lb ai/a	MIDPOST				
LSD P=.05										.	5.4	4.3	4.2
Standard Deviation										0.0	3.4	2.7	2.6
CV										0.0	40.61	14.04	14.07
Replicate F										0.000	0.459	1.477	0.033
Replicate Prob(F)										1.0000	0.7177	0.2854	0.9915
Treatment F										0.000	0.444	1.711	2.602
Treatment Prob(F)										1.0000	0.7272	0.2339	0.1165

LSU AgCenter SPESS

Sharpen PRE at Different Rates fb Standard Program

Trial ID:C16-58 Location: Trial Year:2016
Protocol ID:C16-58 Investigator:Eric P. Webster

Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage				
Pest Code										RICE	RICE	RICE	RICE
Rating Date										May-11-2016	May-11-2016	May-11-2016	Aug-22-2016
Rating Type										HEIGHT	HEIGHT	AVG HEIGHT	HEIGHT
Rating Unit										cm	cm	cm	cm
Trt-Eval Interval										6 DA MPOST	6 DA MPOST	6 DA MPOST	At Harvest
1	Nontreated									20a	19a	20a	82b
2	Sharpen	2.85	LB/GAL	SC	1	fl oz/a	0.0223	lb ai/a	PRE	19a	19a	19ab	105a
	Propanil	4	LB/GAL	EC	4	qt/a	4	lb ai/a	MIDPOST				
	Permit	75%		WG	1	oz/a	0.047	lb ai/a	MIDPOST				
3	Sharpen	2.85	LB/GAL	SC	2	fl oz/a	0.0445	lb ai/a	PRE	19a	17a	18ab	107a
	Propanil	4	LB/GAL	EC	4	qt/a	4	lb ai/a	MIDPOST				
	Permit	75%		WG	1	oz/a	0.047	lb ai/a	MIDPOST				
4	Sharpen	2.85	LB/GAL	SC	3	fl oz/a	0.067	lb ai/a	PRE	19a	16a	17b	107a
	Propanil	4	LB/GAL	EC	4	qt/a	4	lb ai/a	MIDPOST				
	Permit	75%		WG	1	oz/a	0.047	lb ai/a	MIDPOST				
LSD P=.05										2.3	3.9	2.2	10.3
Standard Deviation										1.5	2.4	1.4	6.4
CV										7.75	13.73	7.41	6.43
Replicate F										4.714	0.972	0.738	0.520
Replicate Prob(F)										0.0304	0.4477	0.5553	0.6791
Treatment F										0.662	1.311	2.956	14.620
Treatment Prob(F)										0.5957	0.3298	0.0904	0.0008

LSU AgCenter SPESS

Sharpen PRE at Different Rates fb Standard Program

Trial ID:C16-58 Location: Trial Year:2016
Protocol ID:C16-58 Investigator:Eric P. Webster

Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage				
Pest Code										RICE	RICE	RICE	RICE
Rating Date										Aug-22-2016	Aug-22-2016	Aug-22-2016	Aug-22-2016
Rating Type										HEIGHT	HEIGHT	HEIGHT	AVG HEIGHT
Rating Unit										cm	cm	cm	cm
Trt-Eval Interval										At Harvest	At Harvest	At Harvest	At Harvest
1	Nontreated									81b	84b	85b	83b
2	Sharpen	2.85	LB/GAL	SC	1	fl oz/a	0.0223	lb ai/a	PRE	105a	107a	106a	106a
	Propanil	4	LB/GAL	EC	4	qt/a	4	lb ai/a	MIDPOST				
	Permit	75%		WG	1	oz/a	0.047	lb ai/a	MIDPOST				
3	Sharpen	2.85	LB/GAL	SC	2	fl oz/a	0.0445	lb ai/a	PRE	107a	110a	108a	108a
	Propanil	4	LB/GAL	EC	4	qt/a	4	lb ai/a	MIDPOST				
	Permit	75%		WG	1	oz/a	0.047	lb ai/a	MIDPOST				
4	Sharpen	2.85	LB/GAL	SC	3	fl oz/a	0.067	lb ai/a	PRE	107a	107a	109a	107a
	Propanil	4	LB/GAL	EC	4	qt/a	4	lb ai/a	MIDPOST				
	Permit	75%		WG	1	oz/a	0.047	lb ai/a	MIDPOST				
LSD P=.05										9.0	6.2	7.2	5.8
Standard Deviation										5.6	3.9	4.5	3.6
CV										5.6	3.79	4.42	3.58
Replicate F										0.627	1.308	0.417	0.843
Replicate Prob(F)										0.6153	0.3307	0.7453	0.5039
Treatment F										20.123	38.432	26.026	44.573
Treatment Prob(F)										0.0002	0.0001	0.0001	0.0001

LSU AgCenter
School of Plant, Environmental and Soil Sciences

Evaluation of RebelEX Antagonism

Experiment number ..... : **C16-62**
Location ..... : RRS-Crowley, LA
Experimental design ..... : RCB
Number of reps ..... : 4
Plot size ..... : 5'x17'
Row width/# per plot ..... : 7.5"/8
Soil type ..... : Crowley silt loam (3% sand, 69% silt, 28% clay)
% OM ..... : 1.4
pH ..... : 6.4
CEC ..... : 19.1
Crop/Variety ..... : CL 111
Planting date ..... : 4/6/16
Emergence date ..... : 4/16/16
Harvest date ..... : NA

Application type ..... : POSTFLOOD
Date applied [mm/dd/yy] ..... : 5/23/16
Time [hh:mm-hh:mm] ..... : 10:15-10:25a
Air/Soil temperature [F] ..... : 81/77
Relative humidity [%] ..... : 65%
Wind [mph, direction] ..... : 6-8, ESE
Weather [sunny, etc] ..... : pt. cloudy
Soil/Leaf surface moist ..... : flood/dry
Crop stage/Height ..... : 1-2til
Sprayer type/MPH ..... : BKPK/3.0
Nozzle type/Size* ..... : FF/110015
Boom ht/# Noz/Spacing ..... : 15/5/15
GPA/PSI ..... : 15/21
Applied by ..... : EAB

Weed Species (population) ..... :- (height/#leaves) -
ALRPH(20-50m^{-2}) ..... : 5-10"/10-20lf
CYPES(1-5m^{-2}) ..... : 6-15"/3-6lf
CYPIR(10-30m^{-2}) ..... : 6-15"/3-6lf
SEBEX(1-10m^{-2}) ..... : 4-8"/3-6lf
AESIN(1-3m^{-2}) ..... : 4-6"/3-5lf
ECHCG(20-50m^{-2}) ..... : 8-12"/4lf-2til
LEFPA(5-20m^{-2}) ..... : 8-10"/4lf-2til
BRAPP(10-20m^{-2}) ..... : 8-10"/4lf-2til

Flush Dates ..... : NA
Permanent Flood ..... : 5/18/16
Comments: Some trials were not harvested due to severe lodging from August storm.

*AMFF – Air mix flat fan nozzles

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Evaluation of RebelEX Antagonism

Trial ID:C16-62 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-62 Investigator:Eric P. Webster

Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	ECHCG	ECHCG	ECHCG	LEFPA
Pest Code										ECHCG	ECHCG	ECHCG	LEFPA
Rating Date										Jun-7-2016	Jun-21-2016	Jul-5-2016	Jun-7-2016
Rating Type										CONTROL	CONTROL	CONTROL	CONTROL
Rating Unit										%	%	%	%
Trt-Eval Interval										15 DAT	29 DAT	43 DAT	15 DAT
1	No Clincher									0c	0c	0d	0d
	No Grasp												
2	No Clincher									85b	90a	74c	30c
	Grasp	2	LB/GAl	SC	0.039	lb ai/a	2.5	fl oz/a	POSTFLOOD				
	Agri-Dex	100%		L	1%	v/v	19.2	fl oz/a	POSTFLOOD				
3	Clincher	2.38	LB/GAL	EC	0.28	lb ai/a	15	fl oz/a	POSTFLOOD	91a	91a	95a	91a
	Agri-Dex	100%		L	1%	v/v	19.2	fl oz/a	POSTFLOOD				
	No Grasp												
4	Clincher	2.38	LB/GAL	EC	0.28	lb ai/a	15	fl oz/a	POSTFLOOD	86ab	84b	84b	74b
	Agri-Dex	100%		L	1%	v/v	19.2	fl oz/a	POSTFLOOD				
	Grasp	2	LB/GAl	SC	0.039	lb ai/a	2.5	fl oz/a	POSTFLOOD				
	Agri-Dex	100%		L	1%	v/v	19.2	fl oz/a	POSTFLOOD				
LSD P=.05										6.1	5.0	5.8	6.5
Standard Deviation										3.8	3.1	3.6	4.1
CV										5.82	4.71	5.75	8.37
Replicate F										0.143	1.714	1.737	0.750
Replicate Prob(F)										0.9317	0.2332	0.2289	0.5493
Treatment F										527.000	807.000	559.737	412.750
Treatment Prob(F)										0.0001	0.0001	0.0001	0.0001

Means followed by same letter or symbol do not significantly differ (P=.05, LSD)
Could not calculate LSD (% mean diff) for columns 10,11,12,17,18,19 because error mean square = 0.

LSU AgCenter SPESS

Evaluation of RebelEX Antagonism

Trial ID:C16-62 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-62 Investigator:Eric P. Webster

Pest Code									LEFPA	LEFPA	BRAPP	BRAPP
Rating Date									Jun-21-2016	Jul-5-2016	Jun-7-2016	Jul-5-2016
Rating Type									CONTROL	CONTROL	CONTROL	CONTROL
Rating Unit									%	%	%	%
Trt-Eval Interval									29 DAT	43 DAT	15 DAT	43 DAT
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage				
1	No Clincher									0c	0c	0d	0d
	No Grasp												
2	No Clincher									0c	0c	30c	64c
	Grasp	2	LB/GAl	SC	0.039	lb ai/a	2.5	fl oz/a	POSTFLOOD				
	Agri-Dex	100%		L	1%	v/v	19.2	fl oz/a	POSTFLOOD				
3	Clincher	2.38	LB/GAL	EC	0.28	lb ai/a	15	fl oz/a	POSTFLOOD	89a	88a	89a	95a
	Agri-Dex	100%		L	1%	v/v	19.2	fl oz/a	POSTFLOOD				
	No Grasp												
4	Clincher	2.38	LB/GAL	EC	0.28	lb ai/a	15	fl oz/a	POSTFLOOD	79b	74b	75b	84b
	Agri-Dex	100%		L	1%	v/v	19.2	fl oz/a	POSTFLOOD				
	Grasp	2	LB/GAl	SC	0.039	lb ai/a	2.5	fl oz/a	POSTFLOOD				
	Agri-Dex	100%		L	1%	v/v	19.2	fl oz/a	POSTFLOOD				
LSD P=.05										7.2	2.7	7.8	6.1
Standard Deviation										4.5	1.7	4.9	3.8
CV										10.72	4.26	10.07	6.3
Replicate F										0.103	1.941	0.766	0.143
Replicate Prob(F)										0.9560	0.1936	0.5410	0.9317
Treatment F										467.690	2979.353	281.234	493.857
Treatment Prob(F)										0.0001	0.0001	0.0001	0.0001

LSU AgCenter SPESS

Evaluation of RebelEX Antagonism

Trial ID:C16-62 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-62 Investigator:Eric P. Webster

Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	SEBEX	SEBEX	AESIN	AESIN
Pest Code										SEBEX	SEBEX	AESIN	AESIN
Rating Date										Jun-21-2016	Jul-5-2016	Jun-21-2016	Jul-5-2016
Rating Type										CONTROL	CONTROL	CONTROL	CONTROL
Rating Unit										%	%	%	%
Trt-Eval Interval										29 DAT	43 DAT	29 DAT	43 DAT
1	No Clincher									0b	0b	0b	0b
	No Grasp												
2	No Clincher									91a	95a	95a	95a
	Grasp	2	LB/GAl	SC	0.039	lb ai/a	2.5	fl oz/a	POSTFLOOD				
	Agri-Dex	100%		L	1%	v/v	19.2	fl oz/a	POSTFLOOD				
3	Clincher	2.38	LB/GAL	EC	0.28	lb ai/a	15	fl oz/a	POSTFLOOD	0b	0b	0b	0b
	Agri-Dex	100%		L	1%	v/v	19.2	fl oz/a	POSTFLOOD				
	No Grasp												
4	Clincher	2.38	LB/GAL	EC	0.28	lb ai/a	15	fl oz/a	POSTFLOOD	94a	95a	95a	95a
	Agri-Dex	100%		L	1%	v/v	19.2	fl oz/a	POSTFLOOD				
	Grasp	2	LB/GAl	SC	0.039	lb ai/a	2.5	fl oz/a	POSTFLOOD				
	Agri-Dex	100%		L	1%	v/v	19.2	fl oz/a	POSTFLOOD				
LSD P=.05										3.3	.	.	.
Standard Deviation										2.0	0.0	0.0	0.0
CV										4.41	0.0	0.0	0.0
Replicate F										0.000	0.000	0.000	0.000
Replicate Prob(F)										1.0000	1.0000	1.0000	1.0000
Treatment F										2739.000	0.000	0.000	0.000
Treatment Prob(F)										0.0001	1.0000	1.0000	1.0000

LSU AgCenter SPESS

Evaluation of RebelEX Antagonism

Trial ID:C16-62 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-62 Investigator:Eric P. Webster

Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	CYPES Jun-21-2016 CONTROL % 29 DAT	CYPES Jul-5-2016 CONTROL % 43 DAT	CYPIR Jun-21-2016 CONTROL % 29 DAT	CYPIR Jul-5-2016 CONTROL % 43 DAT
1	No Clincher									0c	0c	0b	0c
	No Grasp												
2	No Clincher									91a	91a	94a	95a
	Grasp	2	LB/GAl	SC	0.039	lb ai/a	2.5	fl oz/a	POSTFLOOD				
	Agri-Dex	100%		L	1%	v/v	19.2	fl oz/a	POSTFLOOD				
3	Clincher	2.38	LB/GAL	EC	0.28	lb ai/a	15	fl oz/a	POSTFLOOD	0c	0c	0b	0c
	Agri-Dex	100%		L	1%	v/v	19.2	fl oz/a	POSTFLOOD				
	No Grasp												
4	Clincher	2.38	LB/GAL	EC	0.28	lb ai/a	15	fl oz/a	POSTFLOOD	65b	73b	93a	85b
	Agri-Dex	100%		L	1%	v/v	19.2	fl oz/a	POSTFLOOD				
	Grasp	2	LB/GAl	SC	0.039	lb ai/a	2.5	fl oz/a	POSTFLOOD				
	Agri-Dex	100%		L	1%	v/v	19.2	fl oz/a	POSTFLOOD				
LSD P=.05										4.7	7.8	3.3	3.3
Standard Deviation										2.9	4.9	2.1	2.0
CV										7.47	11.91	4.47	4.54
Replicate F										1.653	0.416	0.360	1.000
Replicate Prob(F)										0.2455	0.7458	0.7834	0.4363
Treatment F										1010.633	385.642	2664.360	2608.000
Treatment Prob(F)										0.0001	0.0001	0.0001	0.0001

LSU AgCenter SPESS

Evaluation of RebelEX Antagonism

Trial ID:C16-62 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-62 Investigator:Eric P. Webster

Pest Code									RICE	RICE	RICE	RICE
Rating Date									Jun-7-2016	Jun-21-2016	Jul-5-2016	Aug-22-2016
Rating Type									INJURY	INJURY	INJURY	HEIGHT
Rating Unit									%	%	%	cm
Trt-Eval Interval									15 DAT	29 DAT	43 DAT	At Harvest
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage				
1	No Clincher									0a	0a	0a	85b
	No Grasp												
2	No Clincher									0a	0a	0a	85b
	Grasp	2	LB/GAl	SC	0.039	lb ai/a	2.5	fl oz/a	POSTFLOOD				
	Agri-Dex	100%		L	1%	v/v	19.2	fl oz/a	POSTFLOOD				
3	Clincher	2.38	LB/GAL	EC	0.28	lb ai/a	15	fl oz/a	POSTFLOOD	0a	0a	0a	104a
	Agri-Dex	100%		L	1%	v/v	19.2	fl oz/a	POSTFLOOD				
	No Grasp												
4	Clincher	2.38	LB/GAL	EC	0.28	lb ai/a	15	fl oz/a	POSTFLOOD	0a	0a	0a	106a
	Agri-Dex	100%		L	1%	v/v	19.2	fl oz/a	POSTFLOOD				
	Grasp	2	LB/GAl	SC	0.039	lb ai/a	2.5	fl oz/a	POSTFLOOD				
	Agri-Dex	100%		L	1%	v/v	19.2	fl oz/a	POSTFLOOD				
LSD P=.05										.	.	.	14.0
Standard Deviation										0.0	0.0	0.0	8.7
CV										0.0	0.0	0.0	9.21
Replicate F										0.000	0.000	0.000	0.016
Replicate Prob(F)										1.0000	1.0000	1.0000	0.9970
Treatment F										0.000	0.000	0.000	7.113
Treatment Prob(F)										1.0000	1.0000	1.0000	0.0095

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Evaluation of RebelEX Antagonism

Trial ID:C16-62 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-62 Investigator:Eric P. Webster

Pest Code									RICE	RICE	RICE
Rating Date									Aug-22-2016	Aug-22-2016	Aug-22-2016
Rating Type									HEIGHT	HEIGHT	HEIGHT
Rating Unit									cm	cm	cm
Trt-Eval Interval									At Harvest	At Harvest	At Harvest
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
1	No Clincher									85b	90b	88b
	No Grasp											
2	No Clincher									84b	83b	86b
	Grasp	2LB/GAl		SC	0.039	lb ai/a	2.5	fl oz/a	POSTFLOOD			
	Agri-Dex	100%		L	1%	v/v	19.2	fl oz/a	POSTFLOOD			
3	Clincher	2.38LB/GAL		EC	0.28	lb ai/a	15	fl oz/a	POSTFLOOD	103a	107a	106a
	Agri-Dex	100%		L	1%	v/v	19.2	fl oz/a	POSTFLOOD			
	No Grasp											
4	Clincher	2.38LB/GAL		EC	0.28	lb ai/a	15	fl oz/a	POSTFLOOD	110a	111a	109a
	Agri-Dex	100%		L	1%	v/v	19.2	fl oz/a	POSTFLOOD			
	Grasp	2LB/GAl		SC	0.039	lb ai/a	2.5	fl oz/a	POSTFLOOD			
	Agri-Dex	100%		L	1%	v/v	19.2	fl oz/a	POSTFLOOD			
LSD P=.05										12.4	8.7	11.7
Standard Deviation										7.7	5.4	7.3
CV										8.12	5.55	7.52
Replicate F										0.379	0.313	1.289
Replicate Prob(F)										0.7702	0.8161	0.3362
Treatment F										10.998	25.074	10.627
Treatment Prob(F)										0.0023	0.0001	0.0026

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Evaluation of RebelEX Antagonism

Trial ID:C16-62 Location:RRS-Crowley, LA Trial Year:2016
Protocol ID:C16-62 Investigator:Eric P. Webster

Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	RICE
	Pest Code									RICE
	Rating Date									Aug-22-2016
	Rating Type									AVG HEIGHT
	Rating Unit									cm
	Trt-Eval Interval									At Harvest
1	No Clincher									87b
	No Grasp									
2	No Clincher									85b
	Grasp	2	LB/GAl	SC	0.039	lb ai/a	2.5	fl oz/a	POSTFLOOD	
	Agri-Dex	100%		L	1%	v/v	19.2	fl oz/a	POSTFLOOD	
3	Clincher	2.38	LB/GAL	EC	0.28	lb ai/a	15	fl oz/a	POSTFLOOD	105a
	Agri-Dex	100%		L	1%	v/v	19.2	fl oz/a	POSTFLOOD	
	No Grasp									
4	Clincher	2.38	LB/GAL	EC	0.28	lb ai/a	15	fl oz/a	POSTFLOOD	109a
	Agri-Dex	100%		L	1%	v/v	19.2	fl oz/a	POSTFLOOD	
	Grasp	2	LB/GAl	SC	0.039	lb ai/a	2.5	fl oz/a	POSTFLOOD	
	Agri-Dex	100%		L	1%	v/v	19.2	fl oz/a	POSTFLOOD	
	LSD P=.05									9.6
	Standard Deviation									6.0
	CV									6.22
	Replicate F									0.340
	Replicate Prob(F)									0.7973
	Treatment F									17.264
	Treatment Prob(F)									0.0004

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Provisia Rice System with Winfield Adjuvants

Experiment number .....: **SJ16-05**
Location.....: NERS St. Joseph, LA
Experimental design .....: RCB
Number of reps.....: 4
Plot size.....: 5'x17'
Row width/# per plot .....: 7.5"/8
Soil type .....: Sharkey Clay
% OM .....: 2.1
pH .....: 6.1
CEC.....: 19.1
Crop/Variety .....: Provisia, CL 111, CL XL745
Planting date .....: 5/9/16
Emergence date .....: 5/22/16
Harvest date .....: NA

Application type .....: MPOST
Date applied [mm/dd/yy] .....: 6/8/16
Time [hh:mm-hh:mm] .....: 11:35-11:50a
Incorporation equip./Depth ..: NA/NA
Air/Soil temperature [F].....: 83/80
Relative humidity [%] .....: 56%
Wind [mph, direction] .....: 4-6, ENE
Weather [sunny, etc].....: sunny
Soil/Leaf surface moist .....: wet/dry
Crop stage/Height.....: 4-5lf/6-8"
Sprayer type/MPH .....: BKPK/3.0
Nozzle type/Size* .....: FF/110015
Boom ht/# Noz/Spacing .....: 15/5/15
GPA/PSI.....: 15/21
Applied by.....: EAB

Weed Species (population)..:- (height/#leaves) -
ECHCG(20-60m^{-2}) .....: 4-8"/3lf-1till
CL111(5-10m^{-2}) .....: 6-8"/4-5lf
CLXL745(5-10m^{-2}) .....: 6-8"/4-5lf

Flush Dates .....: NA
Permanent Flood .....: 6/16/16

*AMFF – Air mix flat fan nozzles

Oversprayed with Permit @ 1oz/A + 1% COC

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Provisia Rice System with Winfield Adjuvants

Trial ID:SJ16-05 Location:Saint Joseph, LA Trial Year:2016
Protocol ID:SJ16-05 Investigator:Eric P. Webster

Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	CL111	CL111	CL111	CL111
Pest Code										CL111	CL111	CL111	CL111
Rating Date										Jun-16-2016	Jun-23-2016	Jul-7-2016	Jul-21-2016
Rating Type										CONTROL	CONTROL	CONTROL	CONTROL
Rating Unit										%	%	%	%
Trt-Eval Interval										8 DAT	15 DAT	29 DAT	43 DAT
1	Nontreated									0c	0d	0c	0d
2	Provisia	0.88	LBA/GAL	EC	0.107	lb ai/a	15.5	oz/a	MPOST	66b	87c	93b	84c
3	Provisia	0.88	LBA/GAL	EC	0.107	lb ai/a	15.5	oz/a	MPOST	86a	86c	95ab	90b
	MasterLock	100%		L	0.333	% v/v	6.4	oz/a	MPOST				
4	Provisia	0.88	LBA/GAL	EC	0.107	lb ai/a	15.5	oz/a	MPOST	87a	89bc	97a	95a
	Preference	100%		L	0.25	% v/v	4.8	oz/a	MPOST				
	InterLock	100%		L	0.208	% v/v	4	oz/a	MPOST				
5	Provisia	0.88	LBA/GAL	EC	0.107	lb ai/a	15.5	oz/a	MPOST	86a	91abc	97a	96a
	AG14039	100%		L	0.5	% v/v	9.6	oz/a	MPOST				
6	Provisia	0.88	LBA/GAL	EC	0.107	lb ai/a	15.5	oz/a	MPOST	88a	95ab	97a	93ab
	Destiny HC	100%		L	1	% v/v	19.2	oz/a	MPOST				
7	Provisia	0.88	LBA/GAL	EC	0.107	lb ai/a	15.5	oz/a	MPOST	87a	95ab	97a	97a
	Destiny HC	100%		L	1	% v/v	19.2	oz/a	MPOST				
	InterLock	100%		L	0.208	% v/v	4	oz/a	MPOST				
8	Provisia	0.88	LBA/GAL	EC	0.107	lb ai/a	15.5	oz/a	MPOST	85a	96a	95ab	96a
	AG14039	100%		L	1	% v/v	19.2	oz/a	MPOST				
LSD P=.05										9.7	6.3	3.2	4.2
Standard Deviation										6.6	4.3	2.2	2.9
CV										9.06	5.38	2.63	3.53
Replicate F										4.669	2.911	3.103	3.973
Replicate Prob(F)										0.0119	0.0584	0.0485	0.0218
Treatment F										84.217	229.038	946.434	531.503
Treatment Prob(F)										0.0001	0.0001	0.0001	0.0001

Means followed by same letter or symbol do not significantly differ (P=.05, LSD)
Could not calculate LSD (% mean diff) for columns 13,14,15,16 because error mean square = 0.

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Provisia Rice System with Winfield Adjuvants

Trial ID:SJ16-05 Location:Saint Joseph, LA Trial Year:2016
Protocol ID:SJ16-05 Investigator:Eric P. Webster

Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage				
Pest Code										CLXL745	CLXL745	CLXL745	CLXL745
Rating Date										Jun-16-2016	Jun-23-2016	Jul-7-2016	Jul-21-2016
Rating Type										CONTROL	CONTROL	CONTROL	CONTROL
Rating Unit										%	%	%	%
Trt-Eval Interval										8 DAT	15 DAT	29 DAT	43 DAT
1	Nontreated									0c	0d	0c	0d
2	Provisia	0.88	LBA/GAL	EC	0.107	lb ai/a	15.5	oz/a	MPOST	68b	85bc	93b	86c
3	Provisia	0.88	LBA/GAL	EC	0.107	lb ai/a	15.5	oz/a	MPOST	79ab	83c	97a	90b
	MasterLock	100%		L	0.333	% v/v	6.4	oz/a	MPOST				
4	Provisia	0.88	LBA/GAL	EC	0.107	lb ai/a	15.5	oz/a	MPOST	85a	89abc	97a	93ab
	Preference	100%		L	0.25	% v/v	4.8	oz/a	MPOST				
	InterLock	100%		L	0.208	% v/v	4	oz/a	MPOST				
5	Provisia	0.88	LBA/GAL	EC	0.107	lb ai/a	15.5	oz/a	MPOST	86a	90ab	97a	96a
	AG14039	100%		L	0.5	% v/v	9.6	oz/a	MPOST				
6	Provisia	0.88	LBA/GAL	EC	0.107	lb ai/a	15.5	oz/a	MPOST	86a	95a	97a	93ab
	Destiny HC	100%		L	1	% v/v	19.2	oz/a	MPOST				
7	Provisia	0.88	LBA/GAL	EC	0.107	lb ai/a	15.5	oz/a	MPOST	86a	94a	97a	97a
	Destiny HC	100%		L	1	% v/v	19.2	oz/a	MPOST				
	InterLock	100%		L	0.208	% v/v	4	oz/a	MPOST				
8	Provisia	0.88	LBA/GAL	EC	0.107	lb ai/a	15.5	oz/a	MPOST	84a	95a	93b	96a
	AG14039	100%		L	1	% v/v	19.2	oz/a	MPOST				
LSD P=.05										12.0	6.5	2.6	3.7
Standard Deviation										8.2	4.4	1.8	2.5
CV										11.44	5.6	2.12	3.12
Replicate F										2.492	3.805	5.400	7.693
Replicate Prob(F)										0.0881	0.0253	0.0065	0.0012
Treatment F										52.297	212.526	1455.396	677.484
Treatment Prob(F)										0.0001	0.0001	0.0001	0.0001

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Provisia Rice System with Winfield Adjuvants

Trial ID:SJ16-05 Location:Saint Joseph, LA Trial Year:2016
Protocol ID:SJ16-05 Investigator:Eric P. Webster

Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	ECHCG Jun-16-2016 CONTROL % 8 DAT	ECHCG Jun-23-2016 CONTROL % 15 DAT	ECHCG Jul-7-2016 CONTROL % 29 DAT	ECHCG Jul-21-2016 CONTROL % 43 DAT
1	Nontreated									0c	0c	0c	0e
2	Provisia	0.88	LBA/GAL	EC	0.107	lb ai/a	15.5	oz/a	MPOST	76b	79b	81b	64d
3	Provisia	0.88	LBA/GAL	EC	0.107	lb ai/a	15.5	oz/a	MPOST	84ab	88a	88ab	83bc
	MasterLock	100%		L	0.333	% v/v	6.4	oz/a	MPOST				
4	Provisia	0.88	LBA/GAL	EC	0.107	lb ai/a	15.5	oz/a	MPOST	88a	89a	91a	80c
	Preference	100%		L	0.25	% v/v	4.8	oz/a	MPOST				
	InterLock	100%		L	0.208	% v/v	4	oz/a	MPOST				
5	Provisia	0.88	LBA/GAL	EC	0.107	lb ai/a	15.5	oz/a	MPOST	90a	92a	92a	90ab
	AG14039	100%		L	0.5	% v/v	9.6	oz/a	MPOST				
6	Provisia	0.88	LBA/GAL	EC	0.107	lb ai/a	15.5	oz/a	MPOST	88a	92a	95a	92a
	Destiny HC	100%		L	1	% v/v	19.2	oz/a	MPOST				
7	Provisia	0.88	LBA/GAL	EC	0.107	lb ai/a	15.5	oz/a	MPOST	85a	91a	95a	96a
	Destiny HC	100%		L	1	% v/v	19.2	oz/a	MPOST				
	InterLock	100%		L	0.208	% v/v	4	oz/a	MPOST				
8	Provisia	0.88	LBA/GAL	EC	0.107	lb ai/a	15.5	oz/a	MPOST	88a	95a	96a	94a
	AG14039	100%		L	1	% v/v	19.2	oz/a	MPOST				
LSD P=.05										7.5	7.8	7.7	9.2
Standard Deviation										5.1	5.3	5.2	6.3
CV										6.83	6.81	6.54	8.4
Replicate F										2.120	3.128	0.225	0.765
Replicate Prob(F)										0.1281	0.0474	0.8781	0.5265
Treatment F										142.543	144.101	155.872	103.445
Treatment Prob(F)										0.0001	0.0001	0.0001	0.0001

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Provisia Rice System with Winfield Adjuvants

Trial ID:SJ16-05 Location:Saint Joseph, LA Trial Year:2016
Protocol ID:SJ16-05 Investigator:Eric P. Webster

Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	RICE Jun-16-2016 INJURY % 8 DAT	RICE Jun-23-2016 INJURY % 15 DAT	RICE Jul-7-2016 INJURY % 29 DAT	RICE Jul-21-2016 INJURY % 43 DAT
1	Nontreated									0a	0a	0a	0a
2	Provisia	0.88	LBA/GAL	EC	0.107	lb ai/a	15.5	oz/a	MPOST	0a	0a	0a	0a
3	Provisia	0.88	LBA/GAL	EC	0.107	lb ai/a	15.5	oz/a	MPOST	0a	0a	0a	0a
	MasterLock	100%		L	0.333	% v/v	6.4	oz/a	MPOST				
4	Provisia	0.88	LBA/GAL	EC	0.107	lb ai/a	15.5	oz/a	MPOST	0a	0a	0a	0a
	Preference	100%		L	0.25	% v/v	4.8	oz/a	MPOST				
	InterLock	100%		L	0.208	% v/v	4	oz/a	MPOST				
5	Provisia	0.88	LBA/GAL	EC	0.107	lb ai/a	15.5	oz/a	MPOST	0a	0a	0a	0a
	AG14039	100%		L	0.5	% v/v	9.6	oz/a	MPOST				
6	Provisia	0.88	LBA/GAL	EC	0.107	lb ai/a	15.5	oz/a	MPOST	0a	0a	0a	0a
	Destiny HC	100%		L	1	% v/v	19.2	oz/a	MPOST				
7	Provisia	0.88	LBA/GAL	EC	0.107	lb ai/a	15.5	oz/a	MPOST	0a	0a	0a	0a
	Destiny HC	100%		L	1	% v/v	19.2	oz/a	MPOST				
	InterLock	100%		L	0.208	% v/v	4	oz/a	MPOST				
8	Provisia	0.88	LBA/GAL	EC	0.107	lb ai/a	15.5	oz/a	MPOST	0a	0a	0a	0a
	AG14039	100%		L	1	% v/v	19.2	oz/a	MPOST				
LSD P=.05										.	.	.	.
Standard Deviation										0.0	0.0	0.0	0.0
CV										0.0	0.0	0.0	0.0
Replicate F										0.000	0.000	0.000	0.000
Replicate Prob(F)										1.0000	1.0000	1.0000	1.0000
Treatment F										0.000	0.000	0.000	0.000
Treatment Prob(F)										1.0000	1.0000	1.0000	1.0000

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Provisia Antagonism with Tank Mixes from Two Water Sources

Experiment number .....: **SJ16-10**
Location.....: NERS St. Joseph, LA
Experimental design .....: RCB
Number of reps.....: 4
Plot size.....: 5'x17'
Row width/# per plot .....: 7.5"/8
Soil type .....: Sharkey Clay
% OM .....: 2.1
pH .....: 6.1
CEC.....: 19.1
Crop/Variety .....: Provisia, CL 111, CL XL745
Planting date .....: 5/9/16
Emergence date .....: 5/22/16
Harvest date .....: NA

Application type .....: 3-4LEAF
Date applied [mm/dd/yy] .....: 6/8/16
Time [hh:mm-hh:mm] .....: 9:05-10:06a
Incorporation equip./Depth ..: NA/NA
Air/Soil temperature [F].....: 81/80
Relative humidity [%] .....: 60%
Wind [mph, direction].....: 4-6, E
Weather [sunny, etc].....: sunny
Soil/Leaf surface moist .....: wet/dry
Crop stage/Height.....: 3-4lf/4-6"
Sprayer type/MPH .....: BKPK/3.0
Nozzle type/Size* .....: FF/110015
Boom ht/# Noz/Spacing .....: 15/5/15
GPA/PSI.....: 15/21
Applied by.....: SYR

Weed Species (population)..:- (height/#leaves) -
ECHCG(10-15m^{-2}).....: 4-14"/3-5lf
BRAPP(3-5m^{-2}).....: 3-5"/3-4lf

Flush Dates .....: NA
Permanent Flood .....: 6/16/16

*AMFF – Air mix flat fan nozzles

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Provisia Antagonism With Tank Mixes From Two Water Sources

Trial ID:SJ16-10 Location:Saint Joseph, LA Trial Year:2016
Protocol ID:SJ16-10 Investigator:Eric P. Webster

Pest Code Rating Date Rating Type Rating Unit Trt-Eval Interval								RICE Jun-16-2016 INJURY % 8 DA 3-4LF	RICE Jun-23-2016 INJURY % 14 DA 3-4LF	RICE Jul-7-2016 INJURY % 28 DA 3-4LF
Trt Treatment No. Name	Form Form Conc Unit	Form Type	Rate Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
1 Crowley Water								0a	0a	0a
No Provisia										
No Mix Partner										
Agri-dex	100%	L	1%	v/v						
2 Crowley Water								0a	0a	0a
No Provisia										
Permit	75%	WG	0.047	lb ai/a	1	oz/a	3-4 LEAF			
Agri-dex	100%	L	1%	v/v			3-4 LEAF			
3 Crowley Water								0a	0a	0a
No Provisia										
RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	3-4 LEAF		
4 Crowley Water								0a	0a	0a
No Provisia										
Grasp Xtra	1.75	LBAE/GAL	SC	0.314	lb ae/a	23	oz/a	3-4 LEAF		
Agri-dex	100%	L	1%	v/v			3-4 LEAF			
5 Crowley Water								0a	0a	0a
No Provisia										
Basagran 5L	5	LB/GAL	L	0.94	lb ai/a	1.5	pt/a	3-4 LEAF		
Agri-dex	100%	L	1%	v/v			3-4 LEAF			
6 Crowley Water								0a	0a	0a
Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF		
No Mix Partner										
Agri-dex	100%	L	1%	v/v						
7 Crowley Water								0a	0a	0a
Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF		
Permit	75%	WG	0.047	lb ai/a	1	oz/a	3-4 LEAF			
Agri-dex	100%	L	1%	v/v			3-4 LEAF			
8 Crowley Water								0a	0a	0a
Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF		
RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	3-4 LEAF		
9 Crowley Water								0a	0a	0a
Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF		
Grasp Xtra	1.75	LBAE/GAL	SC	0.314	lb ae/a	23	oz/a	3-4 LEAF		
Agri-dex	100%	L	1%	v/v			3-4 LEAF			
10 Crowley Water								0a	0a	0a
Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF		
Basagran 5L	5	LB/GAL	L	0.94	lb ai/a	1.5	pt/a	3-4 LEAF		
Agri-dex	100%	L	1%	v/v			3-4 LEAF			
11 St. Jo Water								0a	0a	0a
No Provisia										
No Mix Partner										
Agri-dex	100%	L	1%	v/v						
12 St. Jo Water								0a	0a	0a
No Provisia										
Permit	75%	WG	0.047	lb ai/a	1	oz/a	3-4 LEAF			
Agri-dex	100%	L	1%	v/v			3-4 LEAF			
13 St. Jo Water								0a	0a	0a
No Provisia										
RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	3-4 LEAF		

Means followed by same letter or symbol do not significantly differ (P=.05, LSD)

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Provisia Antagonism With Tank Mixes From Two Water Sources

Trial ID:SJ16-10 Location:Saint Joseph, LA Trial Year:2016
Protocol ID:SJ16-10 Investigator:Eric P. Webster

Pest Code								RICE	RICE	RICE
Rating Date								Jun-16-2016	Jun-23-2016	Jul-7-2016
Rating Type								INJURY	INJURY	INJURY
Rating Unit								%	%	%
Trt-Eval Interval								8 DA 3-4LF	14 DA 3-4LF	28 DA 3-4LF
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
14	St. Jo Water									0a	0a	0a
	No Provisia											
	Grasp Xtra	1.75	LBAE/GAL	SC	0.314	lb ae/a	23	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
15	St. Jo Water									0a	0a	0a
	No Provisia											
	Basagran 5L	5	LB/GAL	L	0.94	lb ai/a	1.5	pt/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
16	St. Jo Water									0a	0a	0a
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
	No Mix Partner											
	Agri-dex	100%		L	1%	v/v						
17	St. Jo Water									0a	0a	0a
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
	Permit	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
18	St. Jo Water									0a	0a	0a
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	3-4 LEAF			
19	St. Jo Water									0a	0a	0a
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
	Grasp Xtra	1.75	LBAE/GAL	SC	0.314	lb ae/a	23	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
20	St. Jo Water									0a	0a	0a
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
	Basagran 5L	5	LB/GAL	L	0.94	lb ai/a	1.5	pt/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
LSD P=.05										.	.	.
Standard Deviation										0.0	0.0	0.0
CV										0.0	0.0	0.0
Replicate F										0.000	0.000	0.000
Replicate Prob(F)										1.0000	1.0000	1.0000
Treatment F										0.000	0.000	0.000
Treatment Prob(F)										1.0000	1.0000	1.0000

LSU AgCenter SPESS

Provisia Antagonism With Tank Mixes From Two Water Sources

Trial ID:SJ16-10 Location:Saint Joseph, LA Trial Year:2016
Protocol ID:SJ16-10 Investigator:Eric P. Webster

Pest Code									RICE	ECHCG	ECHCG
Rating Date									Jul-21-2016	Jun-16-2016	Jun-23-2016
Rating Type									INJURY	CONTROL	CONTROL
Rating Unit									%	%	%
Trt-Eval Interval									42 DA 3-4LF	8 DA 3-4LF	14 DA 3-4LF
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
1	Crowley Water									0a	0e	0i
	No Provisia											
	No Mix Partner											
	Agri-dex	100%		L	1%	v/v						
2	Crowley Water									0a	0e	0i
	No Provisia											
	Permit	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
3	Crowley Water									0a	39c	33g
	No Provisia											
	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	3-4 LEAF			
4	Crowley Water									0a	21d	23h
	No Provisia											
	Grasp Xtra	1.75	LBAE/GAL	SC	0.314	lb ae/a	23	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
5	Crowley Water									0a	0e	0i
	No Provisia											
	Basagran 5L	5	LB/GAL	L	0.94	lb ai/a	1.5	pt/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
6	Crowley Water									0a	84a	97a
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
	No Mix Partner											
	Agri-dex	100%		L	1%	v/v						
7	Crowley Water									0a	83a	86bc
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
	Permit	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
8	Crowley Water									0a	41c	46f
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	3-4 LEAF			
9	Crowley Water									0a	43c	35g
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
	Grasp Xtra	1.75	LBAE/GAL	SC	0.314	lb ae/a	23	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
10	Crowley Water									0a	84a	88abc
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
	Basagran 5L	5	LB/GAL	L	0.94	lb ai/a	1.5	pt/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
11	St. Jo Water									0a	0e	0i
	No Provisia											
	No Mix Partner											
	Agri-dex	100%		L	1%	v/v						
12	St. Jo Water									0a	0e	0i
	No Provisia											
	Permit	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
13	St. Jo Water									0a	29d	38fg
	No Provisia											
	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	3-4 LEAF			

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Provisia Antagonism With Tank Mixes From Two Water Sources

Trial ID:SJ16-10 Location:Saint Joseph, LA Trial Year:2016
Protocol ID:SJ16-10 Investigator:Eric P. Webster

Pest Code								RICE	ECHCG	ECHCG
Rating Date								Jul-21-2016	Jun-16-2016	Jun-23-2016
Rating Type								INJURY	CONTROL	CONTROL
Rating Unit								%	%	%
Trt-Eval Interval								42 DA 3-4LF	8 DA 3-4LF	14 DA 3-4LF
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
14	St. Jo Water									0a	21d	16h
	No Provisia											
	Grasp Xtra	1.75	LBAE/GAL	SC	0.314	lb ae/a	23	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
15	St. Jo Water									0a	0e	0i
	No Provisia											
	Basagran 5L	5	LB/GAL	L	0.94	lb ai/a	1.5	pt/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
16	St. Jo Water									0a	87a	94ab
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
	No Mix Partner											
	Agri-dex	100%		L	1%	v/v						
17	St. Jo Water									0a	79a	80cd
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
	Permit	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
18	St. Jo Water									0a	55b	58e
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	3-4 LEAF			
19	St. Jo Water									0a	48bc	33g
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
	Grasp Xtra	1.75	LBAE/GAL	SC	0.314	lb ae/a	23	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
20	St. Jo Water									0a	81a	75d
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
	Basagran 5L	5	LB/GAL	L	0.94	lb ai/a	1.5	pt/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
LSD P=.05										.	9.3	9.1
Standard Deviation										0.0	6.6	6.4
CV										0.0	16.57	16.01
Replicate F										0.000	0.534	1.654
Replicate Prob(F)										1.0000	0.6608	0.1872
Treatment F										0.000	106.276	125.163
Treatment Prob(F)										1.0000	0.0001	0.0001

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Provisia Antagonism With Tank Mixes From Two Water Sources

Trial ID:SJ16-10 Location:Saint Joseph, LA Trial Year:2016
Protocol ID:SJ16-10 Investigator:Eric P. Webster

Pest Code Rating Date Rating Type Rating Unit Trt-Eval Interval								ECHCG Jul-7-2016 CONTROL % 28 DA 3-4LF	ECHCG Jul-21-2016 CONTROL % 42 DA 3-4LF	CL111 Jun-16-2016 CONTROL % 8 DA 3-4LF
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
1	Crowley Water									0h	0f	0f
	No Provisia											
	No Mix Partner											
	Agri-dex	100%		L	1%	v/v						
2	Crowley Water									0h	70d	0f
	No Provisia											
	Permit	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
3	Crowley Water									25ef	80bc	0f
	No Provisia											
	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	3-4 LEAF			
4	Crowley Water									20fg	78c	0f
	No Provisia											
	Grasp Xtra	1.75	LBAE/GAL	SC	0.314	lb ae/a	23	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
5	Crowley Water									0h	65de	0f
	No Provisia											
	Basagran 5L	5	LB/GAL	L	0.94	lb ai/a	1.5	pt/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
6	Crowley Water									97a	99a	84ab
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
	No Mix Partner											
	Agri-dex	100%		L	1%	v/v						
7	Crowley Water									98a	99a	86ab
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
	Permit	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
8	Crowley Water									29e	81bc	73c
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	3-4 LEAF			
9	Crowley Water									39cd	81bc	73c
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
	Grasp Xtra	1.75	LBAE/GAL	SC	0.314	lb ae/a	23	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
10	Crowley Water									88b	99a	85ab
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
	Basagran 5L	5	LB/GAL	L	0.94	lb ai/a	1.5	pt/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
11	St. Jo Water									0h	0f	0f
	No Provisia											
	No Mix Partner											
	Agri-dex	100%		L	1%	v/v						
12	St. Jo Water									0h	64e	0f
	No Provisia											
	Permit	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
13	St. Jo Water									25ef	79bc	9e
	No Provisia											
	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	3-4 LEAF			

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Provisia Antagonism With Tank Mixes From Two Water Sources

Trial ID:SJ16-10 Location:Saint Joseph, LA Trial Year:2016
Protocol ID:SJ16-10 Investigator:Eric P. Webster

Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	ECHCG	ECHCG	CL111
	Rating Date									Jul-7-2016	Jul-21-2016	Jun-16-2016
	Rating Type									CONTROL	CONTROL	CONTROL
	Rating Unit									%	%	%
	Trt-Eval Interval									28 DA 3-4LF	42 DA 3-4LF	8 DA 3-4LF
14	St. Jo Water									13g	64e	0f
	No Provisia											
	Grasp Xtra	1.75	LBAE/GAL	SC	0.314	lb ae/a	23	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
15	St. Jo Water									0h	69de	0f
	No Provisia											
	Basagran 5L	5	LB/GAL	L	0.94	lb ai/a	1.5	pt/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
16	St. Jo Water									97a	99a	89a
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
	No Mix Partner											
	Agri-dex	100%		L	1%	v/v						
17	St. Jo Water									85b	97a	79bc
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
	Permit	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
18	St. Jo Water									43c	84b	64d
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	3-4 LEAF			
19	St. Jo Water									33de	83bc	59d
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
	Grasp Xtra	1.75	LBAE/GAL	SC	0.314	lb ae/a	23	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
20	St. Jo Water									84b	98a	81ab
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
	Basagran 5L	5	LB/GAL	L	0.94	lb ai/a	1.5	pt/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
	LSD P=.05									8.7	6.2	8.1
	Standard Deviation									6.2	4.4	5.7
	CV									15.92	5.85	14.71
	Replicate F									0.236	0.298	0.350
	Replicate Prob(F)									0.8708	0.8269	0.7893
	Treatment F									152.402	168.778	192.209
	Treatment Prob(F)									0.0001	0.0001	0.0001

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Provisia Antagonism With Tank Mixes From Two Water Sources

Trial ID:SJ16-10 Location:Saint Joseph, LA Trial Year:2016
Protocol ID:SJ16-10 Investigator:Eric P. Webster

Pest Code Rating Date Rating Type Rating Unit Trt-Eval Interval								CL111 Jun-23-2016 CONTROL % 14 DA 3-4LF	CL111 Jul-7-2016 CONTROL % 28 DA 3-4LF	CL111 Jul-21-2016 CONTROL % 42 DA 3-4LF
Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
1	Crowley Water									0f	0e	0d
	No Provisia											
	No Mix Partner											
	Agri-dex	100%		L	1%	v/v						
2	Crowley Water									0f	0e	70bc
	No Provisia											
	Permit	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
3	Crowley Water									0f	0e	69c
	No Provisia											
	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	3-4 LEAF			
4	Crowley Water									0f	0e	73bc
	No Provisia											
	Grasp Xtra	1.75	LBAE/GAL	SC	0.314	lb ae/a	23	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
5	Crowley Water									0f	0e	70bc
	No Provisia											
	Basagran 5L	5	LB/GAL	L	0.94	lb ai/a	1.5	pt/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
6	Crowley Water									91ab	98a	98a
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
	No Mix Partner											
	Agri-dex	100%		L	1%	v/v						
7	Crowley Water									90ab	92b	99a
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
	Permit	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
8	Crowley Water									79c	81c	97a
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	3-4 LEAF			
9	Crowley Water									73d	80c	96a
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
	Grasp Xtra	1.75	LBAE/GAL	SC	0.314	lb ae/a	23	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
10	Crowley Water									90ab	92b	98a
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
	Basagran 5L	5	LB/GAL	L	0.94	lb ai/a	1.5	pt/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
11	St. Jo Water									0f	0e	0d
	No Provisia											
	No Mix Partner											
	Agri-dex	100%		L	1%	v/v						
12	St. Jo Water									0f	0e	74bc
	No Provisia											
	Permit	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
13	St. Jo Water									0f	0e	70bc
	No Provisia											
	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	3-4 LEAF			

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Provisia Antagonism With Tank Mixes From Two Water Sources

Trial ID:SJ16-10 Location:Saint Joseph, LA Trial Year:2016
Protocol ID:SJ16-10 Investigator:Eric P. Webster

Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	CL111	CL111	CL111
	Pest Code									CL111	CL111	CL111
	Rating Date									Jun-23-2016	Jul-7-2016	Jul-21-2016
	Rating Type									CONTROL	CONTROL	CONTROL
	Rating Unit									%	%	%
	Trt-Eval Interval									14 DA 3-4LF	28 DA 3-4LF	42 DA 3-4LF
14	St. Jo Water									0f	0e	70bc
	No Provisia											
	Grasp Xtra	1.75	LBAE/GAL	SC	0.314	lb ae/a	23	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
15	St. Jo Water									0f	0e	75b
	No Provisia											
	Basagran 5L	5	LB/GAL	L	0.94	lb ai/a	1.5	pt/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
16	St. Jo Water									94a	99a	99a
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
	No Mix Partner											
	Agri-dex	100%		L	1%	v/v						
17	St. Jo Water									88b	92b	98a
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
	Permit	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
18	St. Jo Water									64e	70d	94a
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	3-4 LEAF			
19	St. Jo Water									68de	71d	96a
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
	Grasp Xtra	1.75	LBAE/GAL	SC	0.314	lb ae/a	23	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
20	St. Jo Water									90ab	92b	99a
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
	Basagran 5L	5	LB/GAL	L	0.94	lb ai/a	1.5	pt/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
	LSD P=.05									5.2	4.0	5.5
	Standard Deviation									3.7	2.8	3.9
	CV									8.89	6.48	5.03
	Replicate F									0.103	0.946	1.563
	Replicate Prob(F)									0.9581	0.4243	0.2084
	Treatment F									549.637	1029.769	227.862
	Treatment Prob(F)									0.0001	0.0001	0.0001

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Provisia Antagonism With Tank Mixes From Two Water Sources

Trial ID:SJ16-10 Location:Saint Joseph, LA Trial Year:2016
Protocol ID:SJ16-10 Investigator:Eric P. Webster

Pest Code Rating Date Rating Type Rating Unit Trt-Eval Interval								CLXL745 Jun-16-2016 CONTROL % 8 DA 3-4LF	CLXL745 Jun-23-2016 CONTROL % 14 DA 3-4LF	CLXL745 Jul-7-2016 CONTROL % 28 DA 3-4LF
Trt Treatment No. Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage		
1 Crowley Water									0g	0f	0f
No Provisia											
No Mix Partner											
Agri-dex	100%		L	1% v/v							
2 Crowley Water									0g	0f	0f
No Provisia											
Permit	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF			
Agri-dex	100%		L	1% v/v				3-4 LEAF			
3 Crowley Water									0g	0f	0f
No Provisia											
RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	3-4 LEAF			
4 Crowley Water									0g	0f	0f
No Provisia											
Grasp Xtra	1.75	LBAE/GAL	SC	0.314	lb ae/a	23	oz/a	3-4 LEAF			
Agri-dex	100%		L	1% v/v				3-4 LEAF			
5 Crowley Water									0g	0f	0f
No Provisia											
Basagran 5L	5	LB/GAL	L	0.94	lb ai/a	1.5	pt/a	3-4 LEAF			
Agri-dex	100%		L	1% v/v				3-4 LEAF			
6 Crowley Water									86a	91ab	97a
Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
No Mix Partner											
Agri-dex	100%		L	1% v/v							
7 Crowley Water									85ab	88bc	93b
Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
Permit	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF			
Agri-dex	100%		L	1% v/v				3-4 LEAF			
8 Crowley Water									66d	77d	81c
Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	3-4 LEAF			
9 Crowley Water									71cd	75d	81c
Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
Grasp Xtra	1.75	LBAE/GAL	SC	0.314	lb ae/a	23	oz/a	3-4 LEAF			
Agri-dex	100%		L	1% v/v				3-4 LEAF			
10 Crowley Water									84ab	88bc	93b
Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
Basagran 5L	5	LB/GAL	L	0.94	lb ai/a	1.5	pt/a	3-4 LEAF			
Agri-dex	100%		L	1% v/v				3-4 LEAF			
11 St. Jo Water									0g	0f	0f
No Provisia											
No Mix Partner											
Agri-dex	100%		L	1% v/v							
12 St. Jo Water									0g	0f	0f
No Provisia											
Permit	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF			
Agri-dex	100%		L	1% v/v				3-4 LEAF			
13 St. Jo Water									10f	0f	0f
No Provisia											
RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	3-4 LEAF			

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Provisia Antagonism With Tank Mixes From Two Water Sources

Trial ID:SJ16-10 Location:Saint Joseph, LA Trial Year:2016
Protocol ID:SJ16-10 Investigator:Eric P. Webster

Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	CLXL745	CLXL745	CLXL745
	Rating Date									Jun-16-2016	Jun-23-2016	Jul-7-2016
	Rating Type									CONTROL	CONTROL	CONTROL
	Rating Unit									%	%	%
	Trt-Eval Interval									8 DA 3-4LF	14 DA 3-4LF	28 DA 3-4LF
14	St. Jo Water									0g	0f	0f
	No Provisia											
	Grasp Xtra	1.75	LBAE/GAL	SC	0.314	lb ae/a	23	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
15	St. Jo Water									0g	0f	0f
	No Provisia											
	Basagran 5L	5	LB/GAL	L	0.94	lb ai/a	1.5	pt/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
16	St. Jo Water									88a	95a	99a
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
	No Mix Partner											
	Agri-dex	100%		L	1%	v/v						
17	St. Jo Water									76bc	85c	91b
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
	Permit	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
18	St. Jo Water									69cd	68e	61e
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	3-4 LEAF			
19	St. Jo Water									55e	68e	66d
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
	Grasp Xtra	1.75	LBAE/GAL	SC	0.314	lb ae/a	23	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
20	St. Jo Water									84ab	90abc	92b
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
	Basagran 5L	5	LB/GAL	L	0.94	lb ai/a	1.5	pt/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
	LSD P=.05									8.7	5.7	3.5
	Standard Deviation									6.1	4.0	2.5
	CV									15.79	9.71	5.85
	Replicate F									0.194	0.930	1.187
	Replicate Prob(F)									0.9002	0.4324	0.3229
	Treatment F									166.797	457.735	1279.574
	Treatment Prob(F)									0.0001	0.0001	0.0001

LSU AgCenter SPESS

Provisia Antagonism With Tank Mixes From Two Water Sources

Trial ID:SJ16-10 Location:Saint Joseph, LA Trial Year:2016
Protocol ID:SJ16-10 Investigator:Eric P. Webster

Pest Code Rating Date Rating Type Rating Unit Trt-Eval Interval								CLXL745 Jul-21-2016 CONTROL % 42 DA 3-4LF	LEFPA Jul-7-2016 CONTROL % 28 DA 3-4LF	LEFPA Jul-21-2016 CONTROL % 42 DA 3-4LF
Trt Treatment No. Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
1 Crowley Water									0c	0f	0e
No Provisia											
No Mix Partner											
Agri-dex	100%		L	1%	v/v						
2 Crowley Water									68b	0f	0e
No Provisia											
Permit	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF			
Agri-dex	100%		L	1%	v/v			3-4 LEAF			
3 Crowley Water									69b	29e	15d
No Provisia											
RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	3-4 LEAF			
4 Crowley Water									71b	0f	0e
No Provisia											
Grasp Xtra	1.75	LBAE/GAL	SC	0.314	lb ae/a	23	oz/a	3-4 LEAF			
Agri-dex	100%		L	1%	v/v			3-4 LEAF			
5 Crowley Water									71b	0f	0e
No Provisia											
Basagran 5L	5	LB/GAL	L	0.94	lb ai/a	1.5	pt/a	3-4 LEAF			
Agri-dex	100%		L	1%	v/v			3-4 LEAF			
6 Crowley Water									99a	96a	99a
Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
No Mix Partner											
Agri-dex	100%		L	1%	v/v						
7 Crowley Water									98a	91a	97a
Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
Permit	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF			
Agri-dex	100%		L	1%	v/v			3-4 LEAF			
8 Crowley Water									97a	39de	38c
Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	3-4 LEAF			
9 Crowley Water									97a	78b	92a
Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
Grasp Xtra	1.75	LBAE/GAL	SC	0.314	lb ae/a	23	oz/a	3-4 LEAF			
Agri-dex	100%		L	1%	v/v			3-4 LEAF			
10 Crowley Water									98a	92a	95a
Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
Basagran 5L	5	LB/GAL	L	0.94	lb ai/a	1.5	pt/a	3-4 LEAF			
Agri-dex	100%		L	1%	v/v			3-4 LEAF			
11 St. Jo Water									0c	0f	0e
No Provisia											
No Mix Partner											
Agri-dex	100%		L	1%	v/v						
12 St. Jo Water									69b	0f	0e
No Provisia											
Permit	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF			
Agri-dex	100%		L	1%	v/v			3-4 LEAF			
13 St. Jo Water									70b	45d	24d
No Provisia											
RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	3-4 LEAF			

LSU AgCenter SPESS

Provisia Antagonism With Tank Mixes From Two Water Sources

Trial ID:SJ16-10 Location:Saint Joseph, LA Trial Year:2016
Protocol ID:SJ16-10 Investigator:Eric P. Webster

Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	CLXL745	LEFPA	LEFPA
	Pest Code									CLXL745	LEFPA	LEFPA
	Rating Date									Jul-21-2016	Jul-7-2016	Jul-21-2016
	Rating Type									CONTROL	CONTROL	CONTROL
	Rating Unit									%	%	%
	Trt-Eval Interval									42 DA 3-4LF	28 DA 3-4LF	42 DA 3-4LF
14	St. Jo Water									73b	5f	0e
	No Provisia											
	Grasp Xtra	1.75	LBAE/GAL	SC	0.314	lb ae/a	23	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
15	St. Jo Water									70b	0f	0e
	No Provisia											
	Basagran 5L	5	LB/GAL	L	0.94	lb ai/a	1.5	pt/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
16	St. Jo Water									99a	99a	99a
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
	No Mix Partner											
	Agri-dex	100%		L	1%	v/v						
17	St. Jo Water									98a	92a	98a
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
	Permit	75%		WG	0.047	lb ai/a	1	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
18	St. Jo Water									96a	58c	55b
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
	RiceBeaux	6	LB/GAL	EC	6	lb ai/a	4	qt/a	3-4 LEAF			
19	St. Jo Water									96a	75b	89a
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
	Grasp Xtra	1.75	LBAE/GAL	SC	0.314	lb ae/a	23	oz/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
20	St. Jo Water									99a	93a	96a
	Provisia	0.88	LB/GAL	EC	0.107	lb ai/a	15.5	oz/a	3-4 LEAF			
	Basagran 5L	5	LB/GAL	L	0.94	lb ai/a	1.5	pt/a	3-4 LEAF			
	Agri-dex	100%		L	1%	v/v			3-4 LEAF			
	LSD P=.05									6.2	10.5	10.6
	Standard Deviation									4.4	7.4	7.5
	CV									5.72	16.64	16.72
	Replicate F									0.204	0.555	0.169
	Replicate Prob(F)									0.8931	0.6467	0.9169
	Treatment F									180.153	124.831	143.605
	Treatment Prob(F)									0.0001	0.0001	0.0001

Appendix I

ABBREVIATIONS USED IN RICE WEED CONTROL RESEARCH

A	**Acre**
AM	**Greenleaf Technologies AirMix nozzle**
AMFF	**Greenleaf Technologies AirMix Flatfan nozzle**
AVG	**Average**
CO_2BKPK	**CO_2-pressurized backpack sprayer**
cm or CM	**Centimeters**
COC	**Crop oil concentrate**
Cotyl	**Cotyledon**
DA	**Days after**
DPRE	**Delayed preemergence application**
DAE	**Days after emergence**
DAEPOST	**Days after early postemergence application**
DAFLOOD	**Days after flood establishment**
DALPOST	**Days after late postemergence application**
DAMPOST	**Days after mid postemergence application**
DAP	**Days after planting**
DAPI	**Days after panicle initiation**
DAPOT	**Days after postemergence application**
DAT	**Days after treatment**
DG	**Drift Guard nozzle**
DRWDWN	**Seeding flood drain/drawdown**
Emergence	**Emergence application**
EPOST	**Early postemergence application**
EPOST-FLOOD	**Early postemergence after flood establishment**
F, FLD	**Flood**
FAT	**Factorial arrangement of treatments**
FF	**Flat fan nozzles**
FL OZ/A	**Fluid ounces product per acre**
FT	**Feet**
G	**Grams**
GPA	**Gallons per acre**
HT	**Height**
In	**Inches**
LB	**Pounds**
LB/A	**Pounds product per acre**
LB A/A	**Pounds active ingredient per acre**
lf	**Leaf**
LPOST	**Late postemergence application**
LPOST-FLOOD	**Late postemergence after flood establishment**
MC	**Mostly cloudy**
MPOST	**Mid postemergence application**
MSO	**Methylated soybean oil**
N/A	**Not applicable**
NIS	**Non-ionic surfactant**
OC	**Overcast cloud cover**
OZ/A	**Ounces product per acre**
OZ A/A	**Ounces active ingredient per acre**
PD	**Panicle differentiation**
PEG	**Pegging application**
PEGFLD	**Pegging application after flood establishment**
PEGGING	**Pegging application**
PI	**Panicle initiation**
PPI	**Preplant incorporated application**
PRE	**Preemergence application**

PREFL	**Pre-flood application**
PREPLANT	**Surface application prior to planting**
PRE-SEED	**Application to pregerminated seed**
PRE-SOIL	**Surface application prior to water-seeding**
POST	**Postemergence application**
POFL, POST-FLOOD	**After permanent flood establishment**
PC	**Partly cloudy**
PT/A	**Pints product per acre**
QT/A	**Quarts product per acre**
RCB	**Randomized complete block experimental design**
RRS	**Rice Research Station, Crowley, LA**
SPOON	**Expanded ducksalad leaf application**
STAND	**Rice stand count**
TDM	**Total dry matter**
TILL	**Tiller**
WAE	**Weeks after emergence**
WAT	**Weeks after treatment**
WT	**Weight**
1-2lf	**1-2 leaf rice growth stage**
2-3lf	**2-3 leaf rice growth stage**
3-4lf	**3-4 leaf rice growth stage**
4-5lf	**4-5 leaf rice growth stage**
5lf-1till	**5 leaf to 1 tiller rice growth stage**
24 PREFL	**24 hours pre-flood**
24 POFL	**24 hours post-flood**

Common Rice Weeds of Louisiana

Bayer Code	Common Name	Scientific Name
AESIN	Indian jointvetch	*Aeschynomene indica*
ALRPH	alligatorweed	*Alternanthera philoxeroides*
BRAPP	broadleaf signalgrass	*Urochloa platyphylla*
CNPPA	Texasweed	*Caperonia palustris*
COMDI	spreading dayflower	*Commelina diffusa*
CYPIR	rice flatsedge	*Cyperus iria*
CYPES	yellow nutsedge	*Cyperus esculentus*
ECHCG	barnyardgrass	*Echinocloa crus-galli*
ECLAL	eclipta	*Eclipta prostrata*
HETLI	ducksalad	*Heteranthera limosa*
LEFPA	Amazon sprangletop	*Leptochloa panicoides*
MEOCO	redweed	*Melochia corchorifolia*
ORYSA	red rice	*Oryza sativa*
POLPE	ladysthumb	*Polygonum aviculare*
ROTRA	toothcup	*Rotala ramosior*
SEBEX	hemp sesbania	*Sesbania herbacea*

Appendix II
List of Herbicides

Trade Name	Formulation	Company	Common Name	Chemical Name
Aim	2 EC	FMC	carfentrazone	ethyl α,2-dichloro-5-[4-(difluoromethyl)-4,5-dihydro-3-methyl-5-oxo-1H-1,2,4-triazol-1-yl]-4-fluorobenzenepropanoate
Basagran	5 L	BASF	bentazon	3-(1-methylethyl)-1H-2,1,3,-benzothiadiazin-4(3H)-one 2,2-dioxide
Beyond	1 SC	BASF	imazamox	2-[4,5-dihydro-4-methyl-4-(1-methylethyl-5-oxo-1*H*-imidazol-2-yl]-5-(methoxymethyl)-3-pyridinecarboxylic acid
Ultra Blazer	2 L	BASF	acifluorfen	Sodium 5-[2-chloro-4-(trifluoromethyl)phenoxy]-2-nitrobenzoate
Bolero	8 EC	Valent	thiobencarb	S-[(4-chlorophenyl)methyl] diethylcarbamothioate
Clincher	2.4 EC	Dow AgroSciences	cyhalofop-butyl	2-[4-(4-cyano-2-fluorphenoxy)phenoxy] propanoic acid, butyl ester, (R)
Command	3 ME	FMC	clomazone	2-(2-Chlorophenyl)methyl-4,4-dimethyl-3-isoxazolidinone
Duet		Riceco	propanil (4 lb ai/gal) + bensulfuron (14 g)	3',4'-dichloropropionanilide + methyl-2-[[[[[4,6-dimethoxypyrimidin-2-yl)amino]-carbonyl]amino] sulfonyl]methyl]benzoate
Facet	75 DF	BASF	quinclorac	3,7-dichloro-8-quinolinecarboxylic acid
Facet L	1.5 L	BASF	quinclorac	3,7-dichloro-8-quinolinecarboxylic acid
Grandstand	3 SL	Dow AgroSciences	triclopyr	3,5,6-trichloro-2-pyridinyloxyacetic acid
Grasp	2 SC	Dow AgroSciences	penoxsulam	(2-(2,2-difluoroethoxy)-6-trifluoromethyl-N-(5,8-dimethoxy[1,2,4]triazolo-[1,5c]pyrimidin-2-yl)benzenesulfonamide)
League	75 DF	Valent	imazosulfuron	2-chloro-N-[[(4,6-dimethoxy-2-pyrimidinyl)-amino] carbonyl]imidazo[1,2-a]pyridine-3-sulfonamide
Londax	60 DF	DuPont	bensulfuron	methyl-2-[[[[[4,6-dimethoxypyrimidin-2-yl)amino]-carbonyl]amino]sulfonyl]methyl]benzoate

Trade Name	Formulation	Company	Common Name	Chemical Name
Newpath	2 SC	BASF	Imazethapyr	2-[4,5-dihydro-4-methyl-4-(1-methylethyl-5-oxo-1*H*-imidazol-2-yl]-5-ethyl-3-pyridinecarboxylic acid
Permit	75 DF	Gowan	halosulfuron	methyl 5-{[(4,6-dimethoxy-2-pyrimidinyl) amino] carbonylamino-sulfonyl}-3-chloro-1-methyl-1-H-pyrazole-4-carboxylate
Permit Plus	75 DF	Gowan	halosulfuron + thifensulfuron	methyl 5-{[(4,6-dimethoxy-2-pyrimidinyl) amino] carbonylamino-sulfonyl}-3-chloro-1-methyl-1-H-pyrazole-4-carboxylate + Methyl 3-[[[[(4-methoxy-6-methyl-1,3,5-triazin-2-yl)amino]carbonyl]amino]-sulfonyl]-2-thiophenecarboxylate
Prowl	3.3 EC	BASF	pendimethalin	N-(1-ethylpropyl)-3,4-dimethyl-2,6-dinitrobenzenamine
Prowl H_20	3.8 AS	BASF	pendimethalin	N-(1-ethylpropyl)-3,4-dimethyl-2,6-dinitrobenzenamine
Regiment	80 WP	Valent	V-10029	Sodium 2,6-bis [4,6-dimethoxy pyrimidin-2-yl)oxy] benzoate
RiceBeaux	6 EC	RiceCo	propanil + thiobencarb	3',4'-dichloropropionanilide + S-[(4-chlorophenyl)methyl] diethylcarbamothioate
Ricestar HT	0.58 EC	Bayer	fenoxaprop-p-ethyl	(±)-ethyl 2-[4-[(6-chloro-2-benzoxazolyl) oxy]phenoxy] propanoate
RicePro	4 L	RiceCo	propanil + quinclorac	3',4'-dichloropropionanilide + 3,7-dichloro-8-quinolinecarboxylic acid
Riceshot	4 EC	RiceCo	propanil	3',4'-dichloropropionanilide
Roundup Weathermax	5.5 SL	Monsanto	glyphosate	N-(phosphonomethyl)glycine
Stam M4/SC	4 EC/4 SC	RiceCo	propanil	3',4'-dichloropropionanilide
Strada	50	Nichino	orthosulfamuron	N/A
Strada Pro	50	Nichino	orthosulfamuron + halosulfuron	N/A + methyl 5-{[(4,6-dimethoxy-2-pyrimidinyl) amino] carbonylamino-sulfonyl}-3-chloro-1-methyl-1-H-pyrazole-4-carboxylate
Strada XT	50	Nichino	orthosulfamuron + quinclorac	N/A + 3,7-dichloro-8-quinolinecarboxylic acid
Superwham	4 EC	RiceCo	propanil	3',4'-dichloropropionanilide

Spray Adjuvants

Trade Name	Formulation	Company	Common Name	Composition
Agri-dex	99%	Helena	crop oil concentrate	Paraffin base petroleum oil (84%), polyol fatty acid esters and polyethoxylated derivatives (15%)
Dyne-a-pak	76%	Helena	nonionic surfactant	Blend of alkanolamides, alkanoates, trisiloxane, and carbamides
Induce	90%	Helena	nonionic surfactant	Blend of alkyl aryl polyoxylkane ether and free fatty acids
Kinetic	97%	Helena	nonionic surfactant	Blend of polyalkyleneoxide modified polydimethylsiloxane and polyoxypropylene-polyoxyethylene block copolymers
MSO	100%	N/A	methylated soybean oil	Methylated soybean oil, alkylphenol ethoxylate

Weather Data

Crowley

Day	April			May			June			July			August		
	High	Low	Rain	High	Low	Rain	High	Low	Rain	High	Low	Rain	High	Low	Rain
	F	F	Inches	F	F	Inches	F	F	Inches	F	F	Inches	F	F	Inches
1	73	56	0.51	75	66	6.8	80	73	0.3	94	74	0	91	74	0
2	70	49	0	78	67	0.12	85	72	0.18	95	75	0	96	76	0
3	74	44	0	75	63	0	80	71	0.9	93	76	0	92	78	0
4	79	47	0	77	58	0	82	68	1.97	93	78	0	96	75	0
5	82	53	0	79	61	0	85	70	0.11	91	80	0	93	76	0.3
6	75	57	0	79	56	0	91	73	0.48	93	79	0	95	75	0.01
7	81	51	0	81	56	0	87	73	0.01	94	77	0	96	75	0.13
8	76	56	0	78	61	0	92	72	0	94	77	0	92	72	0.89
9	77	50	0	79	70	0	91	75	0	95	76	0	93	78	0.34
10	77	56	0	85	72	0	87	74	0.41	92	76	0.08	93	77	0.2
11	79	67	0.03	86	69	0	89	76	0.06	93	74	0.29	88	77	0
12	78	69	0.01	88	69	0	88	75	0.23	94	74	0.01	82	72	4.17
13	76	64	2.04	86	67	0	83	74	0.31	92	77	0	77	72	12.14
14	78	66	0	87	62	0.04	90	75	0	91	77	0	83	72	0.31
15	80	67	0.13	79	68	0.01	91	77	0	88	76	0	89	75	0
16	75	66	0	76	67	0.49	92	76	0	89	73	0.01	89	75	0.12
17	79	67	0	83	67	0.11	93	78	0	91	72	0	89	74	0.04
18	77	67	0.32	79	66	0	90	75	0	92	76	0.03	88	74	0.59
19	75	66	0	81	63	2.87	89	73	0	92	75	0.01	89	75	0.51
20	77	65	0	81	65	0	90	74	1.43	94	74	0	90	77	0
21	78	66	0	86	68	0	88	74	0	96	77	0.19	91	77	0.07
22	80	61	0.01	83	71	0	89	75	0	94	76	0	92	74	0
23	80	58	0	86	70	0	90	74	0.09	92	76	0.06	94	74	0
24	79	59	0	86	71	0	91	74	0.01	91	77	0.25	95	77	0
25	82	65	0	87	75	0	94	77	0	92	74	0.19	91	71	2.78
26	83	70	0	86	75	0	95	77	0	90	74	0	88	74	0
27	84	66	0.85	85	65	0.93	95	76	0	85	73	0.35	86	73	0.11
28	86	72	0	86	67	0.02	90	74	0.03	92	74	0.08	87	74	0.13
29	82	74	0	88	70	0	89	72	0.01	94	73	0.01	87	73	0.02
30	81	67	1.38	89	72	0	91	73	0	94	75	0	92	73	0.01
31				88	72	0				91	76	0	92	75	0