Weed Science

Annual Research Report

2010

Photo. Roundup Drift on Seedling Rice

Eric P. Webster, Justin B. Hensley,
J. Caleb Fish, and Nathanael D. Fickett

School of Plant, Environmental and Soil Sciences

Weed Science

Annual Research Report

2010

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Research Summary

2011-306-5545

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Introduction

This report summarizes the 2010 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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Permit, GWN 3404, and Halo Max Preflood for Broadleaf Weed Control PER-10-09-T01

Experiment number	**C10-01**
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
Planting date	4/1/10
Harvest date	N/A
Crop/Variety	CL131
Emergence date	4/19/10
Uniform std. treatment	N/A

Application type	PRE	Preflood
Date applied [mm/dd/yy]	04/02/10	05/17/10
Time [hh:mm-hh:mm]	10:25-10:30A	8:25-8:35A
Incorporation equip./Depth:	N/A	N/A
Air/Soil temperature [F]	73/62	77/78
Relative humidity [%]	83	68
Wind [mph, direction]	5-7, S	1-2,SE
Weather [sunny, etc]	sunny	sunny
Soil/Leaf surface moist	dry/N/A	wet/dry
Crop stage/Height	N/A	3-5lf/3-6"
Sprayer type/MPH	CO_2BkPk/3	CO_2BkPk/3
Nozzle type/Size*	AMFF/110015	AMFF/110015
Boom ht/# Noz/Spacing	15/5/15	15/5/15
GPA/PSI	15/22	15/25
Applied by	EPW	EPW

Weed Species (population)	(height/#leaves)
AESIN(2-5m^{-2})	5-10"/5-10lf
ALRPH(2-5m^{-2})	12-18"/10-15lf
BRAPP(50-75m^{-2})	2-4"/3-5lf
CYPES(10-20m^{-2})	10-12"/7-12lf
CYPIR(100-150m^{-2})	1-2"/2-4lf
ECHCG(5-10m^{-2})	1-3"/2-6lf
ECLAL(25-50m^{-2})	1-3"/2-5lf
SEBEX(20-30m^{-2})	5-8"/5-10lf

Flush Dates	4/7, 4/15, 4/29, 5/13
Permanent Flood	5/27

*AMFF – Air mix flat fan nozzles

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Permit, GWN 3404, and Halo Max Preflood for Broadleaf Weed Control
PER-10-09-T01

Trial ID: C10-01 Protocol ID: C10-01
Location: RRS-Crowley, LA Study Director:
Investigator: Eric P. Webster

Pest Code							SEBEX	SEBEX	SEBEX	SEBEX	AESIN
Rating Date							24/5/10	8/6/10	21/6/10	7/7/10	24/5/10
Rating Data Type							Control	Control	Control	Control	Control
Rating Unit							%	%	%	%	%
Trt-Eval Interval							7 da PREFL	22 da PREFL	35 da PREFL	51 da PREFL	7 da PREFLD
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	1	2	3	4	5
1	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	90 a	90 a	88 a	95 a	90 a
	Permit	0.047	LB A/A	1	OZ WT/A	PREFLOOD					
	Agridex	1	% V/V	19.2	FL OZ/A	PREFLOOD					
2	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	91 a	91 a	90 a	94 a	91 a
	GWN 3404	0.035	LB A/A	0.75	OZ WT/A	PREFLOOD					
	Agridex	1	% V/V	19.2	FL OZ/A	PREFLOOD					
3	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	91 a	93 a	90 a	95 a	91 a
	GWN 3404	0.0525	LB A/A	1.12	OZ WT/A	PREFLOOD					
	Agridex	1	% V/V	19.2	FL OZ/A	PREFLOOD					
4	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	93 a	90 a	90 a	95 a	93 a
	Halomax	0.047	LB A/A	1	OZ WT/A	PREFLOOD					
	Agridex	1	% V/V	19.2	FL OZ/A	PREFLOOD					
5	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	0 b	0 b	0 b	0 b	0 b
	Nontreated										
LSD (P=.05)							2.5	4.2	3.4	1.7	2.5
Standard Deviation							1.6	2.7	2.2	1.1	1.6
CV							2.25	3.76	3.13	1.48	2.25
Grand Mean							73.0	72.75	71.5	75.75	73.0

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Pest Code							AESIN	AESIN	AESIN	CNPPA	CNPPA
Rating Date							8/6/10	21/6/10	7/7/10	24/5/10	8/6/10
Rating Data Type							Control	Control	Control	Control	Control
Rating Unit							%	%	%	%	%
Trt-Eval Interval							22 da PREFL	35 da PREFL	51 da PREFL	7 da PREFL	22 da PREFL
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	6	7	8	9	10
1	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	90 b	88 a	94 a	10 a	89 a
	Permit	0.047	LB A/A	1	OZ WT/A	PREFLOOD					
	Agridex	1	% V/V	19.2	FL OZ/A	PREFLOOD					
2	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	91 ab	90 a	95 a	10 a	81 b
	GWN 3404	0.035	LB A/A	0.75	OZ WT/A	PREFLOOD					
	Agridex	1	% V/V	19.2	FL OZ/A	PREFLOOD					
3	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	94 a	85 a	95 a	10 a	91 a
	GWN 3404	0.0525	LB A/A	1.12	OZ WT/A	PREFLOOD					
	Agridex	1	% V/V	19.2	FL OZ/A	PREFLOOD					
4	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	91 ab	88 a	94 a	11 a	88 ab
	Halomax	0.047	LB A/A	1	OZ WT/A	PREFLOOD					
	Agridex	1	% V/V	19.2	FL OZ/A	PREFLOOD					
5	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	0 c	0 b	0 b	0 b	0 c
	Nontreated										
LSD (P=.05)							2.9	5.8	2.5	1.7	6.4
Standard Deviation							1.9	3.8	1.6	1.1	4.2
CV							2.57	5.38	2.18	13.55	5.96
Grand Mean							73.25	70.0	75.5	8.25	69.75

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Pest Code							CNPPA	CNPPA	ALRPH	ALRPH	ALRPH
Rating Date							21/6/10	7/7/10	24/5/10	8/6/10	21/6/10
Rating Data Type							Control	Control	Control	Control	Control
Rating Unit							%	%	%	%	%
Trt-Eval Interval							35 da PREFL	51 da PREFL	7 da PREFLD	22 da PREFL	35 da PREFL
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	11	12	13	14	15
1	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	91 a	75 a	11 a	60 ab	80 ab
	Permit	0.047	LB A/A	1	OZ WT/A	PREFLOOD					
	Agridex	1	% V/V	19.2	FL OZ/A	PREFLOOD					
2	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	88 a	70 a	10 a	76 a	80 ab
	GWN 3404	0.035	LB A/A	0.75	OZ WT/A	PREFLOOD					
	Agridex	1	% V/V	19.2	FL OZ/A	PREFLOOD					
3	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	90 a	74 a	10 a	65 ab	83 a
	GWN 3404	0.0525	LB A/A	1.12	OZ WT/A	PREFLOOD					
	Agridex	1	% V/V	19.2	FL OZ/A	PREFLOOD					
4	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	90 a	68 a	10 a	50 b	75 b
	Halomax	0.047	LB A/A	1	OZ WT/A	PREFLOOD					
	Agridex	1	% V/V	19.2	FL OZ/A	PREFLOOD					
5	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	0 b	0 b	0 b	0 c	0 c
	Nontreated										
LSD (P=.05)							4.0	15.0	1.7	18.3	6.3
Standard Deviation							2.6	9.7	1.1	11.8	4.1
CV							3.6	16.95	13.55	23.58	6.43
Grand Mean							71.75	57.25	8.25	50.25	63.5

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Pest Code							ALRPH	INJURY	INJURY	INJURY	INJURY
Rating Date							7/7/10	24/5/10	8/6/10	21/6/10	7/7/10
Rating Data Type							Control				
Rating Unit							%	%	%	%	%
Trt-Eval Interval							51 da PREFL	7 da PREFL	22 da PREFL	35 da PREFL	51 da PREFL
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	16	17	18	19	20
1	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	63 c	0 a	0 a	0 a	0 a
	Permit	0.047	LB A/A	1	OZ WT/A	PREFLOOD					
	Agridex	1	% V/V	19.2	FL OZ/A	PREFLOOD					
2	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	66 bc	0 a	0 a	0 a	0 a
	GWN 3404	0.035	LB A/A	0.75	OZ WT/A	PREFLOOD					
	Agridex	1	% V/V	19.2	FL OZ/A	PREFLOOD					
3	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	73 ab	0 a	0 a	0 a	0 a
	GWN 3404	0.0525	LB A/A	1.12	OZ WT/A	PREFLOOD					
	Agridex	1	% V/V	19.2	FL OZ/A	PREFLOOD					
4	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	78 a	0 a	0 a	0 a	0 a
	Halomax	0.047	LB A/A	1	OZ WT/A	PREFLOOD					
	Agridex	1	% V/V	19.2	FL OZ/A	PREFLOOD					
5	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	0 d	0 a	0 a	0 a	0 a
	Nontreated										
LSD (P=.05)							9.2	0.0	0.0	0.0	0.0
Standard Deviation							6.0	0.0	0.0	0.0	0.0
CV							10.74	0.0	0.0	0.0	0.0
Grand Mean							55.75	0.0	0.0	0.0	0.0

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Halomax vs. Permit Efficacy

Experiment number	**C10-02**
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
Planting date	4/1/10
Harvest date	N/A
Crop/Variety	CL131
Emergence date	4/19/10
Uniform std. treatment	N/A

Application type	PRE	MPOST
Date applied [mm/dd/yy]	04/02/10	05/03/10
Time [hh:mm-hh:mm]	10:25-10:30A	10:52-11:05A
Incorporation equip./Depth:	N/A	N/A
Air/Soil temperature [F]	73/62	79/72
Relative humidity [%]	83	83
Wind [mph, direction]	5-7, S	4-5,E
Weather [sunny, etc]	sunny	sunny
Soil/Leaf surface moist	dry/N/A	wet/dry
Crop stage/Height	N/A	3-4lf/3-6"
Sprayer type/MPH	CO_2BkPk/3	CO_2BkPk/3
Nozzle type/Size*	AMFF/110015	AMFF/110015
Boom ht/# Noz/Spacing	15/5/15	15/5/15
GPA/PSI	15/22	15/25
Applied by	EPW	EPW

Weed Species (population)	(height/#leaves)
AESIN(5-10m^{-2})	1-3"/2-4lf
ALRPH(5-10m^{-2})	4-10"/3-12lf
CYPES(20-40m^{-2})	3-6"/4-6lf
SEBEX(10-20m^{-2})	2-4"/2-4lf

Flush Dates	4/7, 4/15, 4/29, 5/13
Permanent Flood	5/27

*AMFF – Air mix flat fan nozzles

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Halomax vs. Permit Efficacy

Trial ID: C10-02 Protocol ID: C10-02
Location: RRS-Crowley, LA Study Director:
Investigator: Eric P. Webster

Pest Code							CYPES	CYPES	CYPES	CYPES	SEBEX
Rating Date							18/5/10	24/5/10	8/6/10	21/6/10	18/5/10
Rating Data Type							Control	Control	Control	Control	Control
Rating Unit							%	%	%	%	%
Trt-Eval Interval							15 da MPOST	21 da MPOST	36 da MPOST	49 da MPOST	15 da MPOST
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	1	2	3	4	5
1	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	0 c	0 c	0 c	0 b	0 b
	Nontreated										
2	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	78 b	91 b	95 a	86 a	94 a
	Permit	0.0117	LB A/A	0.25	OZ WT/A	MPOST					
	Induce	0.25	% V/V	4.8	FL OZ/A	MPOST					
3	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	78 b	91 b	93 b	81 a	94 a
	Halomax	0.0117	LB A/A	0.25	OZ WT/A	MPOST					
	Induce	0.25	% V/V	4.8	FL OZ/A	MPOST					
4	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	84 ab	93 ab	94 ab	88 a	95 a
	Permit	0.0234	LB A/A	0.5	OZ WT/A	MPOST					
	Induce	0.25	% V/V	4.8	FL OZ/A	MPOST					
5	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	85 a	95 a	95 a	84 a	95 a
	Halomax	0.0234	LB A/A	0.5	OZ WT/A	MPOST					
	Induce	0.25	% V/V	4.8	FL OZ/A	MPOST					
6	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	80 ab	93 ab	95 a	85 a	95 a
	Permit	0.035	LB A/A	0.75	OZ WT/A	MPOST					
	Induce	0.25	% V/V	4.8	FL OZ/A	MPOST					
7	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	86 a	94 ab	95 a	85 a	95 a
	Halomax	0.035	LB A/A	0.75	OZ WT/A	MPOST					
	Induce	0.25	% V/V	4.8	FL OZ/A	MPOST					
8	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	83 ab	94 ab	94 ab	85 a	94 a
	Permit	0.047	LB A/A	1	OZ WT/A	MPOST					
	Induce	0.25	% V/V	4.8	FL OZ/A	MPOST					
9	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	84 ab	95 a	95 a	85 a	95 a
	Halomax	0.047	LB A/A	1	OZ WT/A	MPOST					
	Induce	0.25	% V/V	4.8	FL OZ/A	MPOST					
LSD (P=.05)							6.5	2.9	2.1	6.9	2.2
Standard Deviation							4.5	2.0	1.5	4.7	1.5
CV							6.13	2.36	1.74	6.23	1.79
Grand Mean							72.92	82.78	83.89	75.42	84.03

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Pest Code							SEBEX	SEBEX	SEBEX	AESIN	AESIN
Rating Date							24/5/10	8/6/10	21/6/10	18/5/10	24/5/10
Rating Data Type							Control	Control	Control	Control	Control
Rating Unit							%	%	%	%	%
Trt-Eval Interval							21 da MPOST	36 da MPOST	49 da MPOST	15 da MPOST	21 da MPOST
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	6	7	8	9	10
1	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	0 d	0 c	0 c	0 b	0 d
	Nontreated										
2	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	95 c	88 b	64 b	94 a	95 c
	Permit	0.0117	LB A/A	0.25	OZ WT/A	MPOST					
	Induce	0.25	% V/V	4.8	FL OZ/A	MPOST					
3	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	95 c	93 ab	66 ab	94 a	96 bc
	Halomax	0.0117	LB A/A	0.25	OZ WT/A	MPOST					
	Induce	0.25	% V/V	4.8	FL OZ/A	MPOST					
4	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	95 c	93 ab	75 a	95 a	95 c
	Permit	0.0234	LB A/A	0.5	OZ WT/A	MPOST					
	Induce	0.25	% V/V	4.8	FL OZ/A	MPOST					
5	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	97 abc	93 ab	73 ab	95 a	97 abc
	Halomax	0.0234	LB A/A	0.5	OZ WT/A	MPOST					
	Induce	0.25	% V/V	4.8	FL OZ/A	MPOST					
6	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	96 bc	93 ab	70 ab	95 a	96 bc
	Permit	0.035	LB A/A	0.75	OZ WT/A	MPOST					
	Induce	0.25	% V/V	4.8	FL OZ/A	MPOST					
7	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	96 bc	91 ab	68 ab	95 a	97 abc
	Halomax	0.035	LB A/A	0.75	OZ WT/A	MPOST					
	Induce	0.25	% V/V	4.8	FL OZ/A	MPOST					
8	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	97 ab	93 ab	73 ab	94 a	97 ab
	Permit	0.047	LB A/A	1	OZ WT/A	MPOST					
	Induce	0.25	% V/V	4.8	FL OZ/A	MPOST					
9	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	98 a	94 a	64 b	95 a	98 a
	Halomax	0.047	LB A/A	1	OZ WT/A	MPOST					
	Induce	0.25	% V/V	4.8	FL OZ/A	MPOST					
LSD (P=.05)							1.5	5.1	9.2	2.1	1.6
Standard Deviation							1.1	3.5	6.3	1.4	1.1
CV							1.23	4.28	10.34	1.69	1.25
Grand Mean							85.36	81.67	61.25	84.03	85.53

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

LSU AgCenter
School of Plant, Environmental and Soil Sciences

Pest Code							AESIN	AESIN	ALRPH	ALRPH	ALRPH
Rating Date							8/6/10	21/6/10	18/5/10	24/5/10	8/6/10
Rating Data Type							Control	Control	Control	Control	Control
Rating Unit							%	%	%	%	%
Trt-Eval Interval							36 da MPOST	49 da MPOST	15 da MPOST	21 da MPOST	36 da MPOST
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	11	12	13	14	15
1	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	0 b	0 b	0 b	0 b	0 a
	Nontreated										
2	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	94 a	76 a	43 a	9 a	0 a
	Permit	0.0117	LB A/A	0.25	OZ WT/A	MPOST					
	Induce	0.25	% V/V	4.8	FL OZ/A	MPOST					
3	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	95 a	70 a	48 a	9 a	0 a
	Halomax	0.0117	LB A/A	0.25	OZ WT/A	MPOST					
	Induce	0.25	% V/V	4.8	FL OZ/A	MPOST					
4	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	94 a	70 a	48 a	10 a	0 a
	Permit	0.0234	LB A/A	0.5	OZ WT/A	MPOST					
	Induce	0.25	% V/V	4.8	FL OZ/A	MPOST					
5	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	95 a	71 a	48 a	10 a	0 a
	Halomax	0.0234	LB A/A	0.5	OZ WT/A	MPOST					
	Induce	0.25	% V/V	4.8	FL OZ/A	MPOST					
6	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	94 a	75 a	45 a	10 a	0 a
	Permit	0.035	LB A/A	0.75	OZ WT/A	MPOST					
	Induce	0.25	% V/V	4.8	FL OZ/A	MPOST					
7	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	93 a	73 a	45 a	10 a	0 a
	Halomax	0.035	LB A/A	0.75	OZ WT/A	MPOST					
	Induce	0.25	% V/V	4.8	FL OZ/A	MPOST					
8	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	94 a	68 a	50 a	10 a	0 a
	Permit	0.047	LB A/A	1	OZ WT/A	MPOST					
	Induce	0.25	% V/V	4.8	FL OZ/A	MPOST					
9	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	94 a	73 a	48 a	10 a	0 a
	Halomax	0.047	LB A/A	1	OZ WT/A	MPOST					
	Induce	0.25	% V/V	4.8	FL OZ/A	MPOST					
LSD (P=.05)							3.1	14.6	10.0	1.6	0.0
Standard Deviation							2.2	10.0	6.8	1.1	0.0
CV							2.58	15.67	16.52	12.8	0.0
Grand Mean							83.47	63.89	41.39	8.61	0.0

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

LSU AgCenter
School of Plant, Environmental and Soil Sciences

Pest Code							ALRPH	INJURY	INJURY	INJURY	INJURY
Rating Date							21/6/10	18/5/10	24/5/10	8/6/10	21/6/10
Rating Data Type							Control	.			
Rating Unit							%	%	%	%	%
Trt-Eval Interval							49 da MPOST	15 da MPOST	21 da MPOST	36 da MPOST	49 da MPOST
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	16	17	18	19	20
1	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	0 a	0 a	0 a	0 a	0 a
	Nontreated										
2	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	0 a	0 a	0 a	0 a	0 a
	Permit	0.0117	LB A/A	0.25	OZ WT/A	MPOST					
	Induce	0.25	% V/V	4.8	FL OZ/A	MPOST					
3	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	0 a	0 a	0 a	0 a	0 a
	Halomax	0.0117	LB A/A	0.25	OZ WT/A	MPOST					
	Induce	0.25	% V/V	4.8	FL OZ/A	MPOST					
4	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	0 a	0 a	0 a	0 a	0 a
	Permit	0.0234	LB A/A	0.5	OZ WT/A	MPOST					
	Induce	0.25	% V/V	4.8	FL OZ/A	MPOST					
5	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	0 a	0 a	0 a	0 a	0 a
	Halomax	0.0234	LB A/A	0.5	OZ WT/A	MPOST					
	Induce	0.25	% V/V	4.8	FL OZ/A	MPOST					
6	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	0 a	0 a	0 a	0 a	0 a
	Permit	0.035	LB A/A	0.75	OZ WT/A	MPOST					
	Induce	0.25	% V/V	4.8	FL OZ/A	MPOST					
7	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	0 a	0 a	0 a	0 a	0 a
	Halomax	0.035	LB A/A	0.75	OZ WT/A	MPOST					
	Induce	0.25	% V/V	4.8	FL OZ/A	MPOST					
8	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	0 a	0 a	0 a	0 a	0 a
	Permit	0.047	LB A/A	1	OZ WT/A	MPOST					
	Induce	0.25	% V/V	4.8	FL OZ/A	MPOST					
9	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	0 a	0 a	0 a	0 a	0 a
	Halomax	0.047	LB A/A	1	OZ WT/A	MPOST					
	Induce	0.25	% V/V	4.8	FL OZ/A	MPOST					
LSD (P=.05)							0.0	0.0	0.0	0.0	0.0
Standard Deviation							0.0	0.0	0.0	0.0	0.0
CV							0.0	0.0	0.0	0.0	0.0
Grand Mean							0.0	0.0	0.0	0.0	0.0

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

LSU AgCenter
School of Plant, Environmental and Soil Sciences

Permit and GWN 3404 for Late Season Sesbania and Jointvetch Seed Suppression PER-10-06-T1

Experiment number..... :	**C10-03**
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
Planting date ..... :	4/1/10
Harvest date..... :	N/A
Crop/Variety ..... :	CL131
Emergence date..... :	4/19/10
Uniform std. treatment..... :	N/A

Application type..... :	PRE	EBLOOM
Date applied [mm/dd/yy] ..... :	04/02/10	05/31/10
Time [hh:mm-hh:mm]..... :	10:31-10:36A	9:22-9:32A
Incorporation equip./Depth:..... :	N/A	N/A
Air/Soil temperature [F] ..... :	73/62	87/80
Relative humidity [%]..... :	83	76
Wind [mph, direction] ..... :	5-7,S	1-2,S
Weather [sunny, etc] ..... :	sunny	sunny
Soil/Leaf surface moist..... :	dry/N/A	flood/dry
Crop stage/Height ..... :	N/A	flood/
Sprayer type/MPH..... :	CO_2BkPk/3	CO_2BkPk/3
Nozzle type/Size* ..... :	AMFF/110015	AMFF/110015
Boom ht/# Noz/Spacing ..... :	15/5/15	15/5/15
GPA/PSI ..... :	15/22	15/25
Applied by..... :	EPW	JBH

Weed Species (population)..... :	---------- (height/#leaves) ----------
AESIN(5-10m^{-2})..... :	5-10"/5-10lf
CYPES(5-10m^{-2}) ..... :	10-15"/5-7lf
SEBEX(10-20m^{-2})……..... :	12-17"/10-15lf

Flush Dates ..... :	4/7, 4/15, 4/29, 5/13
Permanent Flood..... :	5/27

*AMFF – Air mix flat fan nozzles

LSU AgCenter
School of Plant, Environmental and Soil Sciences

Permit and GWN 3404 for Late Season Sesbania and Jointvetch Seed Suppression
PER-10-06-T1

Trial ID: C10-03 Protocol ID: C10-03
Location: RRS-Crowley, LA Study Director:
Investigator: Eric P. Webster

Pest Code							SEBEX	SEBEX	SEBEX	AESIN
Rating Date							7/6/10	21/6/10	7/7/10	7/6/10
Rating Data Type							Control	Control	Control	Control
Rating Unit							%	%	%	%
Trt-Eval Interval							7 daEBLOOM	21 daEBLOOM	37 daEBLOOM	7 daEBLOOM
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	1	2	3	4
1	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	90 a	91 a	95 a	90 a
	Permit	0.047	LB A/A	1	OZ WT/A	E BLOOM				
	Agri-Dex	1	% V/V	1	% V/V	E BLOOM				
2	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	90 a	89 a	95 a	90 a
	GWN 3404	0.0525	LB A/A	1.12	OZ WT/A	E BLOOM				
	Agri-Dex	1	% V/V	1	% V/V	E BLOOM				
3	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	91 a	89 a	96 a	91 a
	GWN 3404	0.105	LB A/A	2.24	OZ WT/A	E BLOOM				
	Agri-Dex	1	% V/V	1	% V/V	E BLOOM				
4	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	90 a	90 a	95 a	90 a
	GWN 3404	0.105	LB A/A	2.24	OZ WT/A	E BLOOM				
	Beyond	0.039	LB A/A	5	FL OZ/A	E BLOOM				
	Agri-Dex	1	% V/V	1	% V/V	E BLOOM				
5	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	0 b	0 b	0 b	0 b
	Nontreated									
LSD (P=.05)							1.7	2.5	1.0	1.7
Standard Deviation							1.1	1.6	0.7	1.1
CV							1.55	2.29	0.88	1.55
Grand Mean							72.25	71.75	76.15	72.25

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

LSU AgCenter
School of Plant, Environmental and Soil Sciences

Pest Code							AESIN	AESIN	INJURY	INJURY
Rating Date							21/6/10	7/7/10	7/6/10	21/6/10
Rating Data Type							Control	Control		
Rating Unit							%	%	%	%
Trt-Eval Interval							21 daEBLOOM	37 daEBLOOM	7 daEBLOOM	21 daEBLOOM
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	5	6	7	8
1	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	91 a	95 a	0 a	0 a
	Permit	0.047	LB A/A	1	OZ WT/A	E BLOOM				
	Agri-Dex	1	% V/V	1	% V/V	E BLOOM				
2	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	90 a	95 a	0 a	0 a
	GWN 3404	0.0525	LB A/A	1.12	OZ WT/A	E BLOOM				
	Agri-Dex	1	% V/V	1	% V/V	E BLOOM				
3	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	90 a	96 a	0 a	0 a
	GWN 3404	0.105	LB A/A	2.24	OZ WT/A	E BLOOM				
	Agri-Dex	1	% V/V	1	% V/V	E BLOOM				
4	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	91 a	95 a	0 a	0 a
	GWN 3404	0.105	LB A/A	2.24	OZ WT/A	E BLOOM				
	Beyond	0.039	LB A/A	5	FL OZ/A	E BLOOM				
	Agri-Dex	1	% V/V	1	% V/V	E BLOOM				
5	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	0 b	0 b	0 a	0 a
	Nontreated									
LSD (P=.05)							2.1	1.0	0.0	0.0
Standard Deviation							1.4	0.7	0.0	0.0
CV							1.89	0.88	0.0	0.0
Grand Mean							72.5	76.15	0.0	0.0

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Pest Code							INJURY
Rating Date							7/7/10
Rating Data Type							
Rating Unit							%
Trt-Eval Interval							37 daEBLOOM
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	9
1	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	0 a
	Permit	0.047	LB A/A	1	OZ WT/A	E BLOOM	
	Agri-Dex	1	% V/V	1	% V/V	E BLOOM	
2	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	0 a
	GWN 3404	0.0525	LB A/A	1.12	OZ WT/A	E BLOOM	
	Agri-Dex	1	% V/V	1	% V/V	E BLOOM	
3	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	0 a
	GWN 3404	0.105	LB A/A	2.24	OZ WT/A	E BLOOM	
	Agri-Dex	1	% V/V	1	% V/V	E BLOOM	
4	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	0 a
	GWN 3404	0.105	LB A/A	2.24	OZ WT/A	E BLOOM	
	Beyond	0.039	LB A/A	5	FL OZ/A	E BLOOM	
	Agri-Dex	1	% V/V	1	% V/V	E BLOOM	
5	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	0 a
	Nontreated						
LSD (P=.05)							0.0
Standard Deviation							0.0
CV							0.0
Grand Mean							0.0

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

LSU AgCenter
School of Plant, Environmental and Soil Sciences

CL151 Tolerance to ALS Herbicides

Experiment number	**C10-05**
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
Planting date	4/1/10
Harvest date	8/23/10
Variety	CL151
Emergence date	4/19/10
Uniform std. treatment	N/A

Application type	Emergence	10-14DAA
Date applied [mm/dd/yy]	04/21/10	05/04/10
Time [hh:mm-hh:mm]	11:40-11:50A	8:15-8:45A
Incorporation equip./Depth:	N/A	N/A
Air/Soil temperature [F]	78/73	75/70
Relative humidity [%]	67	76
Wind [mph, direction]	1-2,S	3-4,NE
Weather [sunny, etc]	sunny	sunny
Soil/Leaf surface moist	moist/dry	wet/dry
Crop stage/Height	1lf/1-2"	3-4lf/4-6"
Sprayer type/MPH	CO_2BkPk/3	CO_2BkPk/3
Nozzle type/Size*	AMFF/110015	AMFF/110015
Boom ht/# Noz/Spacing	15/5/15	15/5/15
GPA/PSI	15/24	15/25
Applied by	TPC	EPW

Flush Dates	4/7, 4/15, 4/29, 5/13
Permanent Flood	5/27

*AMFF – Air mix flat fan nozzles

LSU AgCenter
School of Plant, Environmental and Soil Sciences

CL151 Tolerance to ALS Herbicides

Trial ID: C10-05 Protocol ID: C10-05
Location: RRS-Crowley, LA Study Director:
Investigator: Eric P. Webster

Pest Code							INJURY	INJURY	INJURY	INJURY	HEIGHT	HEIGHT
Rating Date							13/5/10	24/5/10	7/6/10	21/6/10	19/5/10	23/8/10
Rating Data Type											Avg. Height	Avg. Height
Rating Unit							%	%	%	%	cm	cm
Trt-Eval Interval							9 DAT	20 DAT	34 DAT	48 DAT	15 DAT	Harvest
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	1	2	3	4	9	14
1	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	0 f	0 g	0 e	3 f	25 abc	113 a
	Newpath	0.094	LB A/A	6	FL OZ/A	EMERGENCE						
	Agridex	1	% V/V	19.2	FL OZ/A	EMERGENCE						
	Newpath	0.094	LB A/A	6	FL OZ/A	10-14 DAA						
	Agridex	1	% V/V	19.2	FL OZ/A	10-14 DAA						
2	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	10 ef	0 g	3 e	8 ef	26 ab	111 ab
	Newpath	0.094	LB A/A	6	FL OZ/A	EMERGENCE						
	Agridex	1	% V/V	19.2	FL OZ/A	EMERGENCE						
	Cadre	0.125	LB A/A	8	FL OZ/A	10-14 DAA						
	Agridex	1	% V/V	19.2	FL OZ/A	10-14 DAA						
3	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	0 f	0 g	1 e	5 f	24 abc	112 a
	Newpath	0.094	LB A/A	6	FL OZ/A	EMERGENCE						
	Agridex	1	% V/V	19.2	FL OZ/A	EMERGENCE						
	Arsenal AC	0.188	LB A/A	6	FL OZ/A	10-14 DAA						
	Agridex	1	% V/V	19.2	FL OZ/A	10-14 DAA						
4	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	10 ef	5 g	3 e	3 f	24 abc	112 a
	Newpath	0.094	LB A/A	6	FL OZ/A	EMERGENCE						
	Agridex	1	% V/V	19.2	FL OZ/A	EMERGENCE						
	Accent	0.061	LB A/A	1.3	OZ/A	10-14 DAA						
	Agridex	1	% V/V	19.2	FL OZ/A	10-14 DAA						
5	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	49 b	65 b	78 b	65 b	18 e	110 ab
	Newpath	0.094	LB A/A	6	FL OZ/A	EMERGENCE						
	Agridex	1	% V/V	19.2	FL OZ/A	EMERGENCE						
	Beacon	0.071	LB A/A	1.52	OZ/A	10-14 DAA						
	Agridex	1	% V/V	19.2	FL OZ/A	10-14 DAA						
6	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	65 a	75 a	94 a	85 a	14 f	109 ab
	Newpath	0.094	LB A/A	6	FL OZ/A	EMERGENCE						
	Agridex	1	% V/V	19.2	FL OZ/A	EMERGENCE						
	Resolve	0.0313	LB A/A	2	OZ/A	10-14 DAA						
	Agridex	1	% V/V	19.2	FL OZ/A	10-14 DAA						
7	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	51 b	68 ab	64 c	58 b	17 ef	110 ab
	Newpath	0.094	LB A/A	6	FL OZ/A	EMERGENCE						
	Agridex	1	% V/V	19.2	FL OZ/A	EMERGENCE						
	Certainty	0.117	LB A/A	2.5	OZ/A	10-14 DAA						
	Agridex	1	% V/V	19.2	FL OZ/A	10-14 DAA						
8	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	31 c	39 cd	13 de	20 de	18 e	111 ab
	Newpath	0.094	LB A/A	6	FL OZ/A	EMERGENCE						
	Agridex	1	% V/V	19.2	FL OZ/A	EMERGENCE						
	Envoke	0.014	LB A/A	0.3	OZ/A	10-14 DAA						
	Agridex	1	% V/V	19.2	FL OZ/A	10-14 DAA						
9	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	34 c	46 c	21 d	33 cd	17 ef	112 a
	Newpath	0.094	LB A/A	6	FL OZ/A	EMERGENCE						
	Agridex	1	% V/V	19.2	FL OZ/A	EMERGENCE						
	Classic	0.0156	LB A/A	1	OZ/A	10-14 DAA						
	Agridex	1	% V/V	19.2	FL OZ/A	10-14 DAA						
10	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	26 cd	61 b	71 bc	84 a	14 f	97 c
	Newpath	0.094	LB A/A	6	FL OZ/A	EMERGENCE						
	Agridex	1	% V/V	19.2	FL OZ/A	EMERGENCE						
	Ally XP/Cimarron	0.075	LB A/A	2	OZ/A	10-14 DAA						
	Agridex	1	% V/V	19.2	FL OZ/A	10-14 DAA						
11	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	14 de	34 d	11 de	43 c	19 de	105 b
	Newpath	0.094	LB A/A	6	FL OZ/A	EMERGENCE						
	Agridex	1	% V/V	19.2	FL OZ/A	EMERGENCE						
	Glean	0.031	LB A/A	0.66	OZ/A	10-14 DAA						
	Agridex	1	% V/V	19.2	FL OZ/A	10-14 DAA						

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Pest Code							INJURY	INJURY	INJURY	INJURY	HEIGHT	HEIGHT
Rating Date							13/5/10	24/5/10	7/6/10	21/6/10	19/5/10	23/8/10
Rating Data Type											Avg. Height	Avg. Height
Rating Unit							%	%	%	%	cm	cm
Trt-Eval Interval							9 DAT	20 DAT	34 DAT	48 DAT	15 DAT	Harvest
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	1	2	3	4	9	14
12	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	4 ef	9 fg	3 e	3 f	26 a	112 a
	Newpath	0.094	LB A/A	6	FL OZ/A	EMERGENCE						
	Agridex	1	% V/V	19.2	FL OZ/A	EMERGENCE						
	Python	0.0125	LB A/A	0.25	OZ/A	10-14 DAA						
	Agridex	1	% V/V	19.2	FL OZ/A	10-14 DAA						
13	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	6 ef	20 e	8 e	5 f	23 bcd	112 a
	Newpath	0.094	LB A/A	6	FL OZ/A	EMERGENCE						
	Agridex	1	% V/V	19.2	FL OZ/A	EMERGENCE						
	FirstRate	0.0315	LB A/A	0.6	OZ/A	10-14 DAA						
	Agridex	1	% V/V	19.2	FL OZ/A	10-14 DAA						
14	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	0 f	3 g	3 e	0 f	22 cd	110 ab
	Newpath	0.094	LB A/A	6	FL OZ/A	EMERGENCE						
	Agridex	1	% V/V	19.2	FL OZ/A	EMERGENCE						
	Harmony SG	0.047	LB A/A	1.5	OZ/A	10-14 DAA						
	Agridex	1	% V/V	19.2	FL OZ/A	10-14 DAA						
15	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	13 ef	18 ef	4 e	13 ef	24 abc	110 ab
	Newpath	0.094	LB A/A	6	FL OZ/A	EMERGENCE						
	Agridex	1	% V/V	19.2	FL OZ/A	EMERGENCE						
	Express	0.0206	LB A/A	0.66	OZ/A	10-14 DAA						
	Agridex	1	% V/V	19.2	FL OZ/A	10-14 DAA						
16	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	0 f	3 g	1 e	0 f	27 a	113 a
	Newpath	0.094	LB A/A	6	FL OZ/A	EMERGENCE						
	Agridex	1	% V/V	19.2	FL OZ/A	EMERGENCE						
	Staple LX	0.095	LB A/A	3.8	FL OZ/A	10-14 DAA						
	Agridex	1	% V/V	19.2	FL OZ/A	10-14 DAA						
17	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	0 f	0 g	0 e	0 f	22 cd	111 a
	Newpath	0.094	LB A/A	6	FL OZ/A	EMERGENCE						
	Agridex	1	% V/V	19.2	FL OZ/A	EMERGENCE						
	Scepter	0.245	LB A/A	5.6	OZ/A	10-14 DAA						
	Agridex	1	% V/V	19.2	FL OZ/A	10-14 DAA						
LSD (P=.05)							13.0	9.4	13.5	13.7	3.5	6.2
Standard Deviation							9.1	6.6	9.4	9.6	2.5	4.3
CV							49.61	25.2	42.74	38.53	11.65	3.94
Grand Mean							18.38	26.1	22.06	24.93	21.18	109.96

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Pest Code							
Rating Date							23/8/10
Rating Data Type							Yield @ 12%
Rating Unit							lb/A
Trt-Eval Interval							
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	17
1	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	6264 bcd
	Newpath	0.094	LB A/A	6	FL OZ/A	EMERGENCE	
	Agridex	1	% V/V	19.2	FL OZ/A	EMERGENCE	
	Newpath	0.094	LB A/A	6	FL OZ/A	10-14 DAA	
	Agridex	1	% V/V	19.2	FL OZ/A	10-14 DAA	
2	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	5218 de
	Newpath	0.094	LB A/A	6	FL OZ/A	EMERGENCE	
	Agridex	1	% V/V	19.2	FL OZ/A	EMERGENCE	
	Cadre	0.125	LB A/A	8	FL OZ/A	10-14 DAA	
	Agridex	1	% V/V	19.2	FL OZ/A	10-14 DAA	
3	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	6173 bcd
	Newpath	0.094	LB A/A	6	FL OZ/A	EMERGENCE	
	Agridex	1	% V/V	19.2	FL OZ/A	EMERGENCE	
	Arsenal AC	0.188	LB A/A	6	FL OZ/A	10-14 DAA	
	Agridex	1	% V/V	19.2	FL OZ/A	10-14 DAA	
4	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	7120 abc
	Newpath	0.094	LB A/A	6	FL OZ/A	EMERGENCE	
	Agridex	1	% V/V	19.2	FL OZ/A	EMERGENCE	
	Accent	0.061	LB A/A	1.3	OZ/A	10-14 DAA	
	Agridex	1	% V/V	19.2	FL OZ/A	10-14 DAA	
5	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	6488 a-d
	Newpath	0.094	LB A/A	6	FL OZ/A	EMERGENCE	
	Agridex	1	% V/V	19.2	FL OZ/A	EMERGENCE	
	Beacon	0.071	LB A/A	1.52	OZ/A	10-14 DAA	
	Agridex	1	% V/V	19.2	FL OZ/A	10-14 DAA	
6	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	4008 ef
	Newpath	0.094	LB A/A	6	FL OZ/A	EMERGENCE	
	Agridex	1	% V/V	19.2	FL OZ/A	EMERGENCE	
	Resolve	0.0313	LB A/A	2	OZ/A	10-14 DAA	
	Agridex	1	% V/V	19.2	FL OZ/A	10-14 DAA	
7	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	5996 cd
	Newpath	0.094	LB A/A	6	FL OZ/A	EMERGENCE	
	Agridex	1	% V/V	19.2	FL OZ/A	EMERGENCE	
	Certainty	0.117	LB A/A	2.5	OZ/A	10-14 DAA	
	Agridex	1	% V/V	19.2	FL OZ/A	10-14 DAA	
8	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	8207 a
	Newpath	0.094	LB A/A	6	FL OZ/A	EMERGENCE	
	Agridex	1	% V/V	19.2	FL OZ/A	EMERGENCE	
	Envoke	0.014	LB A/A	0.3	OZ/A	10-14 DAA	
	Agridex	1	% V/V	19.2	FL OZ/A	10-14 DAA	
9	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	6124 bcd
	Newpath	0.094	LB A/A	6	FL OZ/A	EMERGENCE	
	Agridex	1	% V/V	19.2	FL OZ/A	EMERGENCE	
	Classic	0.0156	LB A/A	1	OZ/A	10-14 DAA	
	Agridex	1	% V/V	19.2	FL OZ/A	10-14 DAA	
10	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	3336 f
	Newpath	0.094	LB A/A	6	FL OZ/A	EMERGENCE	
	Agridex	1	% V/V	19.2	FL OZ/A	EMERGENCE	
	Ally XP/Cimarron	0.075	LB A/A	2	OZ/A	10-14 DAA	
	Agridex	1	% V/V	19.2	FL OZ/A	10-14 DAA	
11	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	6180 bcd
	Newpath	0.094	LB A/A	6	FL OZ/A	EMERGENCE	
	Agridex	1	% V/V	19.2	FL OZ/A	EMERGENCE	
	Glean	0.031	LB A/A	0.66	OZ/A	10-14 DAA	
	Agridex	1	% V/V	19.2	FL OZ/A	10-14 DAA	
12	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	5720 cde
	Newpath	0.094	LB A/A	6	FL OZ/A	EMERGENCE	
	Agridex	1	% V/V	19.2	FL OZ/A	EMERGENCE	
	Python	0.0125	LB A/A	0.25	OZ/A	10-14 DAA	
	Agridex	1	% V/V	19.2	FL OZ/A	10-14 DAA	

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Pest Code							
Rating Date							23/8/10
Rating Data Type							Yield @ 12%
Rating Unit							lb/A
Trt-Eval Interval							
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	17
13	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	6194 bcd
	Newpath	0.094	LB A/A	6	FL OZ/A	EMERGENCE	
	Agridex	1	% V/V	19.2	FL OZ/A	EMERGENCE	
	FirstRate	0.0315	LB A/A	0.6	OZ/A	10-14 DAA	
	Agridex	1	% V/V	19.2	FL OZ/A	10-14 DAA	
14	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	6873 a-d
	Newpath	0.094	LB A/A	6	FL OZ/A	EMERGENCE	
	Agridex	1	% V/V	19.2	FL OZ/A	EMERGENCE	
	Harmony SG	0.047	LB A/A	1.5	OZ/A	10-14 DAA	
	Agridex	1	% V/V	19.2	FL OZ/A	10-14 DAA	
15	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	7118 abc
	Newpath	0.094	LB A/A	6	FL OZ/A	EMERGENCE	
	Agridex	1	% V/V	19.2	FL OZ/A	EMERGENCE	
	Express	0.0206	LB A/A	0.66	OZ/A	10-14 DAA	
	Agridex	1	% V/V	19.2	FL OZ/A	10-14 DAA	
16	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	7855 ab
	Newpath	0.094	LB A/A	6	FL OZ/A	EMERGENCE	
	Agridex	1	% V/V	19.2	FL OZ/A	EMERGENCE	
	Staple LX	0.095	LB A/A	3.8	FL OZ/A	10-14 DAA	
	Agridex	1	% V/V	19.2	FL OZ/A	10-14 DAA	
17	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	
	Newpath	0.094	LB A/A	6	FL OZ/A	EMERGENCE	
	Agridex	1	% V/V	19.2	FL OZ/A	EMERGENCE	
	Scepter	0.245	LB A/A	5.6	OZ/A	10-14 DAA	
	Agridex	1	% V/V	19.2	FL OZ/A	10-14 DAA	
LSD (P=.05)							1763.4
Standard Deviation							1234.0
CV							19.97
Grand Mean							6179.69

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Efficacy and Selectivity of Alert Applied PRE to Water-seeded Rice

Experiment number..... : **C10-06**
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
Planting date ..... : 4/7/10
Harvest date..... : 8/10/10
Crop/Variety ..... : CL131
Emergence date..... : 4/14/10
Uniform std. treatment..... : N/A

Application type..... : Pegging
Date applied [mm/dd/yy] ..... : 04/27/10
Time [hh:mm-hh:mm]..... : 12:10-12:20P
Incorporation equip./Depth:..... : N/A
Air/Soil temperature [F] ..... : 78/75
Relative humidity [%]..... : 55
Wind [mph, direction] ..... : 5-7,N
Weather [sunny, etc] ..... : sunny
Soil/Leaf surface moist..... : dry/dry
Crop stage/Height ..... : pegging/1-2"
Sprayer type/MPH..... : CO_2BkPk/3
Nozzle type/Size* ..... : AMFF/110015
Boom ht/# Noz/Spacing ..... : 15/5/15
GPA/PSI ..... : 15/25
Applied by..... : JBH

Weed Species (population)..... :---------- (height/#leaves) ----------
BRAPP(75-100m^{-2}) ..... : ¼-1"/1-2lf
ECHCG(100-200m^{-2})..... : ¼-1"/1-4f

Flush Dates ..... : 4/7, 4/15, 4/29, 5/13
Permanent Flood..... : 5/27

*AMFF – Air mix flat fan nozzles

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Efficacy and Selectivity of Alert Applied Pre to Water-seeded Rice

Trial ID: C10-06 Protocol ID: C10-06
Location: RRS-Crowley, LA Study Director:
Investigator: Eric P. Webster

Pest Code							BRAPP	BRAPP	BRAPP	BRAPP	ECHCG	ECHCG	ECHCG	ECHCG
Rating Date							19/5/10	24/5/10	7/6/10	21/6/10	19/5/10	24/5/10	7/6/10	21/6/10
Rating Data Type							Control	Control	Control	Control	Control	Control	Control	Control
Rating Unit							%	%	%	%	%	%	%	%
Trt-Eval Interval							22 DAT	27 DAT	41 DAT	55 DAT	22 DAT	27 DAT	41 DAT	55 DAT
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	1	2	3	4	5	6	7	8
1	Alert	0.3	LB A/A	12.8	FL OZ/A	PEGGING	97 b	97 a	97 a	97 a	91 bc	94 ab	93 ab	89 b
2	Alert	0.4	LB A/A	17	FL OZ/A	PEGGING	97 b	98 a	98 a	98 a	87 c	95 ab	94 ab	88 b
3	Alert	0.6	LB A/A	25.6	FL OZ/A	PEGGING	98 a	98 a	98 a	98 a	97 ab	97 ab	94 ab	93 ab
4	Alert	1.2	LB A/A	51	FL OZ/A	PEGGING	98 a	98 a	98 a	98 a	98 a	97 a	95 a	98 a
5	Command	0.4	LB A/A	17	FL OZ/A	PEGGING	97 b	98 a	97 a	97 a	90 c	93 b	91 b	92 ab
6	Nontreated						0 c	0 b	0 b	0 b	0 d	0 c	0 c	0 c
LSD (P=.05)							1.4	0.9	1.3	1.3	6.0	3.5	3.7	8.5
Standard Deviation							0.9	0.6	0.9	0.9	4.0	2.3	2.4	5.6
CV							1.17	0.75	1.1	1.1	5.17	2.97	3.15	7.35
Grand Mean							80.92	81.54	81.42	81.42	77.13	79.21	77.83	76.5

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Pest Code							INJURY	INJURY	INJURY	INJURY	YIELD	
Rating Date							19/5/10	24/5/10	7/6/10	21/6/10	10/8/10	10/8/10
Rating Data Type											Yield @ 12%	Avg. Height
Rating Unit							%	%	%	%	lb/A	cm
Trt-Eval Interval							22 DAT	27 DAT	41 DAT	55 DAT	Harvest	Harvest
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	9	10	11	12	15	18
1	Alert	0.3	LB A/A	12.8	FL OZ/A	PEGGING	0 c	0 a	0 a	0 a	4215 a	79 ab
2	Alert	0.4	LB A/A	17	FL OZ/A	PEGGING	0 c	0 a	0 a	0 a	4448 a	73 b
3	Alert	0.6	LB A/A	25.6	FL OZ/A	PEGGING	5 b	0 a	0 a	0 a	4187 a	80 a
4	Alert	1.2	LB A/A	51	FL OZ/A	PEGGING	29 a	0 a	0 a	0 a	4886 a	83 a
5	Command	0.4	LB A/A	17	FL OZ/A	PEGGING	0 c	0 a	0 a	0 a	3871 a	73 b
6	Nontreated						0 c	0 a	0 a	0 a	678 b	63 c
LSD (P=.05)							4.6	0.0	0.0	0.0	1365.7	6.3
Standard Deviation							3.1	0.0	0.0	0.0	906.3	4.2
CV							54.43	0.0	0.0	0.0	24.4	5.53
Grand Mean							5.63	0.0	0.0	0.0	3714.25	75.15

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Evaluation of GraspXTRA and RebelEX Weed Control Applied Late POST in Water-seeded Clearfield Rice

Experiment number	**C10-07**
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
Planting date	4/7/10
Harvest date	8/10/10
Crop/Variety	CL131
Emergence date	4/14/10
Uniform std. treatment	N/A

Application type	PRE	4-5LF
Date applied [mm/dd/yy]	04/02/10	05/17/10
Time [hh:mm-hh:mm]	10:31-10:36A	9:00-9:30A
Incorporation equip./Depth:	N/A	N/A
Air/Soil temperature [F]	73/62	77/78
Relative humidity [%]	83	68
Wind [mph, direction]	5-7,S	1-2,SE
Weather [sunny, etc]	sunny	sunny
Soil/Leaf surface moist	dry/N/A	flood/dry
Crop stage/Height	N/A	4-5lf/3-6"
Sprayer type/MPH	CO_2BkPk/3	CO_2BkPk/3
Nozzle type/Size*	AMFF/110015	AMFF/110015
Boom ht/# Noz/Spacing	15/5/15	15/5/15
GPA/PSI	15/22	15/25
Applied by	EPW	EPW

Weed Species (population)	(height/#leaves)
AESIN(2-5m^{-2})	5-8"/7-10lf
CYPES(5-10m^{-2})	8-10"/5-8lf
SEBEX(10-20m^{-2})……	7-10"/6-10lf

Flush Dates	4/7, 4/15, 4/29, 5/13
Permanent Flood	5/27

*AMFF – Air mix flat fan nozzles

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Evaluation of GraspXTRA and RebelEX Weed Control Applied Late POST in Water-seeded Clearfield Rice

Trial ID: C10-07 Protocol ID: C10-07
Location: RRS-Crowley, LA Study Director:
Investigator: Eric P. Webster

Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	1	2	3	4	5	6	7	8
Pest Code							BRAPP	BRAPP	BRAPP	ECHCG	ECHCG	ECHCG	CYPES	CYPES
Rating Date							24/5/10	8/6/10	21/6/10	24/5/10	8/6/10	21/6/10	24/5/10	8/6/10
Rating Data Type							Control	Control	Control	Control	Control	Control	Control	Control
Rating Unit							%	%	%	%	%	%	%	%
Trt-Eval Interval							7 DAT	22 DAT	35 DAT	7 DAT	22 DAT	35 DAT	7 DAT	22 DAT
1	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	97 a	98 a	94 a	97 a	95 ab	94 a	30 bc	28 c
	Grasp Xtra	0.273	LB A/A	20	FL OZ/A	4-5 LF RICE								
	MSO	1	QT/A	1	QT/A	4-5 LF RICE								
2	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	97 a	97 a	93 a	98 a	93 b	95 a	28 bc	28 c
	Grasp	0.039	LB A/A	2.5	OZ/A	4-5 LF RICE								
	MSO	1	QT/A	1	QT/A	4-5 LF RICE								
3	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	98 a	98 a	95 a	98 a	93 b	93 a	51 a	90 a
	Grasp Xtra	0.273	LB A/A	20	FL OZ/A	4-5 LF RICE								
	Permit	0.0234	LB A/A	0.5	OZ WT/A	4-5 LF RICE								
	MSO	1	QT/A	1	QT/A	4-5 LF RICE								
4	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	98 a	98 a	95 a	98 a	96 ab	92 a	40 ab	90 a
	Grasp	0.039	LB A/A	2.5	OZ/A	4-5 LF RICE								
	Permit	0.0234	LB A/A	0.5	OZ WT/A	4-5 LF RICE								
	MSO	1	QT/A	1	QT/A	4-5 LF RICE								
5	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	98 a	98 a	93 a	98 a	97 a	93 a	23 cd	20 cd
	Grasp Xtra	0.273	LB A/A	20	FL OZ/A	4-5 LF RICE								
	Beyond	0.039	LB A/A	5	FL OZ/A	4-5 LF RICE								
	MSO	1	QT/A	1	QT/A	4-5 LF RICE								
6	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	97 a	97 a	93 a	97 a	97 a	95 a	29 bc	10 de
	Grasp	0.039	LB A/A	2.5	OZ/A	4-5 LF RICE								
	Beyond	0.039	LB A/A	5	FL OZ/A	4-5 LF RICE								
	MSO	1	QT/A	1	QT/A	4-5 LF RICE								
7	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	97 a	98 a	91 a	97 a	96 ab	91 a	13 de	15 cd
	Beyond	0.039	LB A/A	5	FL OZ/A	4-5 LF RICE								
	MSO	1	QT/A	1	QT/A	4-5 LF RICE								
8	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	98 a	98 a	95 a	98 a	95 ab	97 a	33 bc	20 cd
	RebelEX	0.285	LB A/A	18	FL OZ/A	4-5 LF RICE								
	MSO	1	QT/A	1	QT/A	4-5 LF RICE								
9	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	97 a	98 a	96 a	97 a	95 ab	95 a	30 bc	25 c
	RebelEX	0.317	LB A/A	20	FL OZ/A	4-5 LF RICE								
	MSO	1	QT/A	1	QT/A	4-5 LF RICE								
10	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	98 a	98 a	95 a	98 a	97 a	94 a	10 de	10 de
	Clincher	0.28	LB A/A	15	FL OZ/A	4-5 LF RICE								
	MSO	1	QT/A	1	QT/A	4-5 LF RICE								
11	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	97 a	98 a	95 a	98 a	97 a	93 a	35 bc	75 b
	Regiment	0.03	LB A/A	0.6	OZ WT/A	4-5 LF RICE								
	Dyne-A-Pak	0.4	QT/A	0.4	QT/A	4-5 LF RICE								
12	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	97 a	98 a	93 a	97 a	98 a	93 a	38 b	10 de
	Facet	0.375	LB A/A	0.5	LB/A	4-5 LF RICE								
	SuperWham	4	LB A/A	4	QT/A	4-5 LF RICE								
	Agridex	1	PT/A	1	PT/A	4-5 LF RICE								
13	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	0 b	0 b	0 b	0 b	0 c	0 b	0 e	0 e
	Nontreated													
LSD (P=.05)							1.6	0.9	4.6	1.5	3.7	5.5	13.2	13.2
Standard Deviation							1.1	0.6	3.2	1.1	2.6	3.9	9.2	9.2
CV							1.24	0.66	3.72	1.18	2.93	4.48	33.49	28.56
Grand Mean							89.88	90.35	86.77	89.94	88.46	86.65	27.5	32.31

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Pest Code							CYPES	AESIN	AESIN	AESIN	SEBEX	SEBEX	SEBEX	INJURY
Rating Date							21/6/10	24/5/10	8/6/10	21/6/10	24/5/10	8/6/10	21/6/10	24/5/10
Rating Data Type							Control	Control	Control	Control	Control	Control	Control	
Rating Unit							%	%	%	%	%	%	%	%
Trt-Eval Interval							35 DAT	7 DAT	22 DAT	35 DAT	7 DAT	22 DAT	35 DAT	7 DAT
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	9	10	11	12	13	14	15	16
1	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	28 c	90 abc	98 a	98 a	94 a	98 a	98 a	0 a
	Grasp Xtra	0.273	LB A/A	20	FL OZ/A	4-5 LF RICE								
	MSO	1	QT/A	1	QT/A	4-5 LF RICE								
2	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	20 cd	84 c	98 a	98 a	95 a	97 a	98 a	5 a
	Grasp	0.039	LB A/A	2.5	OZ/A	4-5 LF RICE								
	MSO	1	QT/A	1	QT/A	4-5 LF RICE								
3	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	86 a	89 abc	98 a	98 a	97 a	98 a	98 a	8 a
	Grasp Xtra	0.273	LB A/A	20	FL OZ/A	4-5 LF RICE								
	Permit	0.0234	LB A/A	0.5	OZ WT/A	4-5 LF RICE								
	MSO	1	QT/A	1	QT/A	4-5 LF RICE								
4	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	81 a	84 c	98 a	98 a	93 a	98 a	98 a	10 a
	Grasp	0.039	LB A/A	2.5	OZ/A	4-5 LF RICE								
	Permit	0.0234	LB A/A	0.5	OZ WT/A	4-5 LF RICE								
	MSO	1	QT/A	1	QT/A	4-5 LF RICE								
5	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	15 cd	93 a	98 a	98 a	95 a	98 a	97 a	5 a
	Grasp Xtra	0.273	LB A/A	20	FL OZ/A	4-5 LF RICE								
	Beyond	0.039	LB A/A	5	FL OZ/A	4-5 LF RICE								
	MSO	1	QT/A	1	QT/A	4-5 LF RICE								
6	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	10 de	91 ab	98 a	98 a	96 a	98 a	98 a	9 a
	Grasp	0.039	LB A/A	2.5	OZ/A	4-5 LF RICE								
	Beyond	0.039	LB A/A	5	FL OZ/A	4-5 LF RICE								
	MSO	1	QT/A	1	QT/A	4-5 LF RICE								
7	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	13 de	0 d	10 b	5 b	0 b	10 b	5 b	5 a
	Beyond	0.039	LB A/A	5	FL OZ/A	4-5 LF RICE								
	MSO	1	QT/A	1	QT/A	4-5 LF RICE								
8	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	18 cd	84 c	98 a	98 a	91 a	98 a	96 a	5 a
	RebelEX	0.285	LB A/A	18	FL OZ/A	4-5 LF RICE								
	MSO	1	QT/A	1	QT/A	4-5 LF RICE								
9	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	16 cd	89 abc	98 a	98 a	95 a	98 a	97 a	6 a
	RebelEX	0.317	LB A/A	20	FL OZ/A	4-5 LF RICE								
	MSO	1	QT/A	1	QT/A	4-5 LF RICE								
10	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	10 de	0 d	10 b	0 c	0 b	10 b	0 c	0 a
	Clincher	0.28	LB A/A	15	FL OZ/A	4-5 LF RICE								
	MSO	1	QT/A	1	QT/A	4-5 LF RICE								
11	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	45 b	85 bc	98 a	98 a	91 a	98 a	97 a	3 a
	Regiment	0.03	LB A/A	0.6	OZ WT/A	4-5 LF RICE								
	Dyne-A-Pak	0.4	QT/A	0.4	QT/A	4-5 LF RICE								
12	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	18 cd	90 abc	98 a	98 a	96 a	97 a	98 a	0 a
	Facet	0.375	LB A/A	0.5	LB/A	4-5 LF RICE								
	SuperWham	4	LB A/A	4	QT/A	4-5 LF RICE								
	Agridex	1	PT/A	1	PT/A	4-5 LF RICE								
13	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	0 e	0 d	0 c	0 c	0 b	0 c	0 c	0 a
	Nontreated													
LSD (P=.05)							14.2	7.4	0.0	4.0	5.4	0.9	4.5	8.5
Standard Deviation							10.0	5.2	0.0	2.8	3.8	0.6	3.1	6.0
CV							36.09	7.66	0.0	3.66	5.23	0.78	4.16	141.14
Grand Mean							27.6	67.46	76.92	75.77	72.44	76.81	75.44	4.23

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Pest Code							INJURY	INJURY	YIELD	
Rating Date							8/6/10	21/6/10	10/8/10	10/8/10
Rating Data Type									Yield @ 12%	Avg. Height
Rating Unit							%	%	lb/A	cm
Trt-Eval Interval							22 DAT	35 DAT	Harvest	Harvest
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	17	18	21	24
1	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	0 a	0 a	3930 bc	88 a
	Grasp Xtra	0.273	LB A/A	20	FL OZ/A	4-5 LF RICE				
	MSO	1	QT/A	1	QT/A	4-5 LF RICE				
2	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	0 a	0 a	4770 abc	83 a
	Grasp	0.039	LB A/A	2.5	OZ/A	4-5 LF RICE				
	MSO	1	QT/A	1	QT/A	4-5 LF RICE				
3	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	0 a	0 a	5044 ab	82 a
	Grasp Xtra	0.273	LB A/A	20	FL OZ/A	4-5 LF RICE				
	Permit	0.0234	LB A/A	0.5	OZ WT/A	4-5 LF RICE				
	MSO	1	QT/A	1	QT/A	4-5 LF RICE				
4	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	0 a	0 a	5682 a	86 a
	Grasp	0.039	LB A/A	2.5	OZ/A	4-5 LF RICE				
	Permit	0.0234	LB A/A	0.5	OZ WT/A	4-5 LF RICE				
	MSO	1	QT/A	1	QT/A	4-5 LF RICE				
5	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	0 a	0 a	4244 bc	87 a
	Grasp Xtra	0.273	LB A/A	20	FL OZ/A	4-5 LF RICE				
	Beyond	0.039	LB A/A	5	FL OZ/A	4-5 LF RICE				
	MSO	1	QT/A	1	QT/A	4-5 LF RICE				
6	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	0 a	0 a	3673 c	79 a
	Grasp	0.039	LB A/A	2.5	OZ/A	4-5 LF RICE				
	Beyond	0.039	LB A/A	5	FL OZ/A	4-5 LF RICE				
	MSO	1	QT/A	1	QT/A	4-5 LF RICE				
7	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	0 a	0 a	0 d	87 a
	Beyond	0.039	LB A/A	5	FL OZ/A	4-5 LF RICE				
	MSO	1	QT/A	1	QT/A	4-5 LF RICE				
8	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	0 a	0 a	4263 bc	85 a
	RebelEX	0.285	LB A/A	18	FL OZ/A	4-5 LF RICE				
	MSO	1	QT/A	1	QT/A	4-5 LF RICE				
9	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	0 a	0 a	4677 abc	82 a
	RebelEX	0.317	LB A/A	20	FL OZ/A	4-5 LF RICE				
	MSO	1	QT/A	1	QT/A	4-5 LF RICE				
10	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	0 a	0 a	0 d	80 a
	Clincher	0.28	LB A/A	15	FL OZ/A	4-5 LF RICE				
	MSO	1	QT/A	1	QT/A	4-5 LF RICE				
11	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	0 a	0 a	5442 a	86 a
	Regiment	0.03	LB A/A	0.6	OZ WT/A	4-5 LF RICE				
	Dyne-A-Pak	0.4	QT/A	0.4	QT/A	4-5 LF RICE				
12	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	0 a	0 a	4035 bc	86 a
	Facet	0.375	LB A/A	0.5	LB/A	4-5 LF RICE				
	SuperWham	4	LB A/A	4	QT/A	4-5 LF RICE				
	Agridex	1	PT/A	1	PT/A	4-5 LF RICE				
13	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	0 a	0 a	0 d	81 a
	Nontreated									
LSD (P=.05)							0.0	0.0	1145.8	6.2
Standard Deviation							0.0	0.0	801.8	4.4
CV							0.0	0.0	22.78	5.18
Grand Mean							0.0	0.0	3519.98	84.11

Means followed by same letter do not significantly differ (P=.05, LSD)
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Comparison of Grasp Xtra with Grasp + Grandstand Tankmix

Experiment number..... :	**C10-08**
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
Planting date ..... :	4/1/10
Harvest date..... :	N/A
Crop/Variety ..... :	CL131
Emergence date..... :	4/19/10
Uniform std. treatment..... :	N/A

Application type..... :	PRE-overspray	4-5LF
Date applied [mm/dd/yy] ..... :	04/02/10	05/10/10
Time [hh:mm-hh:mm]..... :	10:05-10:10A	10:00-10:15A
Incorporation equip./Depth:..... :	N/A	N/A
Air/Soil temperature [F] ..... :	73/62	80/70
Relative humidity [%]..... :	83	77
Wind [mph, direction] ..... :	5-7,S	5-7, S
Weather [sunny, etc] ..... :	sunny	sunny
Soil/Leaf surface moist..... :	dry/N/A	dry/dry
Crop stage/Height ..... :	N/A	4-5lf/6-8"
Sprayer type/MPH..... :	CO_2BkPk/3	CO_2BkPk/3
Nozzle type/Size* ..... :	AMFF/110015	AMFF/110015
Boom ht/# Noz/Spacing ..... :	15/5/15	15/5/15
GPA/PSI ..... :	15/22	15/25
Applied by..... :	EPW	EPW

Weed Species (population)..... :	---------- (height/#leaves) ----------
BRAPP (75-100 m^{-2}) ..... :	1-5"/2-5lf
ECHCG (50-75 m^{-2})..... :	1-4"/2-5lf
CYPES (5-10 m^{-2})……..... :	5-10"/5-7lf
ALRPH (3-5 m^{-2})..... :	6-13"/7-12lf
SEBEX (5-10 m^{-2})..... :	4-6"/3-5lf
AESIN (3-5 m^{-2})..... :	4-6"/3-5lf

Flush Dates ..... :	4/7, 4/15, 4/29, 5/7, 5/13
Permanent Flood..... :	5/27

*AMFF – Air mix flat fan nozzles

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Comparison of Grasp Xtra with Grasp + Grandstand Tankmix

Trial ID: C10-08 Protocol ID: C10-08
Location: RRS-Crowley, LA Study Director:
Investigator: Eric P. Webster

Pest Code							BRAPP	BRAPP	BRAPP	ECHCG	ECHCG	ECHCG	CYPES	CYPES
Rating Date							24/5/10	8/6/10	22/6/10	24/5/10	8/6/10	22/6/10	24/5/10	8/6/10
Rating Data Type							Control	Control	Control	Control	Control	Control	Control	Control
Rating Unit							%	%	%	%	%	%	%	%
Trt-Eval Interval							14 DAT	29 DAT	43 DAT	14 DAT	29 DAT	43 DAT	14 DAT	29 DAT
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	1	2	3	4	5	6	7	8
1	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	70 cd	0 a	0 a	73 cd	0 a	0 a	0 a	0 a
	Grasp Xtra	0.273	LB A/A	20	FL OZ/A	4-5 LF RICE								
	Agridex	1	% V/V	1	% V/V	4-5 LF RICE								
2	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	69 d	0 a	0 a	73 cd	0 a	0 a	0 a	0 a
	Grasp	0.039	LB A/A	2.5	FL OZ/A	4-5 LF RICE								
	Grandstand	0.234	LB AE/A	10	FL OZ/A	4-5 LF RICE								
	Agridex	1	% V/V	1	% V/V	4-5 LF RICE								
3	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	69 d	0 a	0 a	70 d	0 a	0 a	0 a	0 a
	Grasp	0.039	LB A/A	2.5	FL OZ/A	4-5 LF RICE								
	Agridex	1	% V/V	1	% V/V	4-5 LF RICE								
4	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	81 ab	0 a	0 a	81 ab	0 a	0 a	0 a	0 a
	Grandstand	0.234	LB AE/A	10	FL OZ/A	4-5 LF RICE								
	Agridex	1	% V/V	1	% V/V	4-5 LF RICE								
5	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	71 cd	0 a	0 a	74 bcd	0 a	0 a	0 a	0 a
	Grasp Xtra	0.29	LB A/A	21.3	FL OZ/A	4-5 LF RICE								
	Agridex	1	% V/V	1	% V/V	4-5 LF RICE								
6	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	78 abc	0 a	0 a	79 abc	0 a	0 a	0 a	0 a
	Grasp	0.042	LB A/A	2.7	FL OZ/A	4-5 LF RICE								
	Grandstand	0.25	LB AE/A	10.7	FL OZ/A	4-5 LF RICE								
	Agridex	1	% V/V	1	% V/V	4-5 LF RICE								
7	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	75 bcd	0 a	0 a	75 bcd	0 a	0 a	0 a	0 a
	Grasp	0.042	LB A/A	2.7	FL OZ/A	4-5 LF RICE								
	Agridex	1	% V/V	1	% V/V	4-5 LF RICE								
8	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	80 ab	0 a	0 a	80 abc	0 a	0 a	0 a	0 a
	Grandstand	0.25	LB AE/A	10.7	FL OZ/A	4-5 LF RICE								
	Agridex	1	% V/V	1	% V/V	4-5 LF RICE								
9	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	78 abc	0 a	0 a	81 ab	0 a	0 a	0 a	0 a
	Grasp	0.0313	LB A/A	2	FL OZ/A	4-5 LF RICE								
	Grandstand	0.25	LB AE/A	10.7	FL OZ/A	4-5 LF RICE								
	Agridex	1	% V/V	1	% V/V	4-5 LF RICE								
10	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	69 d	0 a	0 a	73 cd	0 a	0 a	0 a	0 a
	Grasp	0.0313	LB A/A	2	FL OZ/A	4-5 LF RICE								
	Agridex	1	% V/V	1	% V/V	4-5 LF RICE								
11	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	85 a	0 a	0 a	84 a	0 a	0 a	0 a	0 a
	Grandstand	0.25	LB AE/A	10.7	FL OZ/A	4-5 LF RICE								
	Agridex	1	% V/V	1	% V/V	4-5 LF RICE								
12	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	0 e	0 a	0 a	0 e	0 a	0 a	0 a	0 a
	Nontreated													
LSD (P=.05)							8.1	0.0	0.0	8.3	0.0	0.0	0.0	0.0
Standard Deviation							5.6	0.0	0.0	5.7	0.0	0.0	0.0	0.0
CV							8.14	0.0	0.0	8.17	0.0	0.0	0.0	0.0
Grand Mean							68.65	0.0	0.0	70.1	0.0	0.0	0.0	0.0

Means followed by same letter do not significantly differ (P=.05, LSD)
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Pest Code							CYPES	SEBEX	SEBEX	SEBEX	AESIN	AESIN	AESIN	ALRPH
Rating Date							22/6/10	24/5/10	8/6/10	22/6/10	24/5/10	8/6/10	22/6/10	24/5/10
Rating Data Type							Control	Control	Control	Control	Control	Control	Control	Control
Rating Unit							%	%	%	%	%	%	%	%
Trt-Eval Interval							43 DAT	14 DAT	29 DAT	43 DAT	14 DAT	29 DAT	43 DAT	14 DAT
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	9	10	11	12	13	14	15	16
1	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	0 a	98 a	97 ab	85 ab	98 a	98 a	85 ab	95 a
	Grasp Xtra	0.273	LB A/A	20	FL OZ/A	4-5 LF RICE								
	Agridex	1	% V/V	1	% V/V	4-5 LF RICE								
2	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	0 a	98 a	97 a	88 a	98 a	98 a	90 a	95 a
	Grasp	0.039	LB A/A	2.5	FL OZ/A	4-5 LF RICE								
	Grandstand	0.234	LB AE/A	10	FL OZ/A	4-5 LF RICE								
	Agridex	1	% V/V	1	% V/V	4-5 LF RICE								
3	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	0 a	98 a	97 ab	68 c	98 a	98 a	80 bc	95 a
	Grasp	0.039	LB A/A	2.5	FL OZ/A	4-5 LF RICE								
	Agridex	1	% V/V	1	% V/V	4-5 LF RICE								
4	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	0 a	45 c	95 b	15 d	45 c	97 b	70 d	45 c
	Grandstand	0.234	LB AE/A	10	FL OZ/A	4-5 LF RICE								
	Agridex	1	% V/V	1	% V/V	4-5 LF RICE								
5	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	0 a	98 a	96 ab	85 ab	98 a	98 a	90 a	95 a
	Grasp Xtra	0.29	LB A/A	21.3	FL OZ/A	4-5 LF RICE								
	Agridex	1	% V/V	1	% V/V	4-5 LF RICE								
6	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	0 a	98 a	96 ab	88 a	98 a	98 a	88 ab	95 a
	Grasp	0.042	LB A/A	2.7	FL OZ/A	4-5 LF RICE								
	Grandstand	0.25	LB AE/A	10.7	FL OZ/A	4-5 LF RICE								
	Agridex	1	% V/V	1	% V/V	4-5 LF RICE								
7	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	0 a	98 a	97 a	70 bc	98 a	98 a	85 ab	94 a
	Grasp	0.042	LB A/A	2.7	FL OZ/A	4-5 LF RICE								
	Agridex	1	% V/V	1	% V/V	4-5 LF RICE								
8	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	0 a	50 bc	97 ab	15 d	50 bc	98 a	75 cd	53 b
	Grandstand	0.25	LB AE/A	10.7	FL OZ/A	4-5 LF RICE								
	Agridex	1	% V/V	1	% V/V	4-5 LF RICE								
9	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	0 a	98 a	97 ab	90 a	98 a	98 a	90 a	95 a
	Grasp	0.0313	LB A/A	2	FL OZ/A	4-5 LF RICE								
	Grandstand	0.25	LB AE/A	10.7	FL OZ/A	4-5 LF RICE								
	Agridex	1	% V/V	1	% V/V	4-5 LF RICE								
10	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	0 a	98 a	97 ab	78 abc	98 a	98 a	88 ab	94 a
	Grasp	0.0313	LB A/A	2	FL OZ/A	4-5 LF RICE								
	Agridex	1	% V/V	1	% V/V	4-5 LF RICE								
11	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	0 a	53 b	97 a	15 d	53 b	98 a	83 abc	50 bc
	Grandstand	0.25	LB AE/A	10.7	FL OZ/A	4-5 LF RICE								
	Agridex	1	% V/V	1	% V/V	4-5 LF RICE								
12	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	0 a	0 d	0 c	0 d	0 d	0 c	0 e	0 d
	Nontreated													
LSD (P=.05)							0.0	5.4	1.6	16.7	5.4	0.7	8.9	6.9
Standard Deviation							0.0	3.8	1.1	11.5	3.8	0.5	6.2	4.8
CV							0.0	4.86	1.26	19.92	4.86	0.56	8.01	6.36
Grand Mean							0.0	77.63	88.4	57.92	77.63	89.71	76.88	75.42

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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School of Plant, Environmental and Soil Sciences

Pest Code							ALRPH	ALRPH	INJURY	INJURY	INJURY
Rating Date							8/6/10	22/6/10	24/5/10	8/6/10	22/6/10
Rating Data Type							Control	Control			
Rating Unit							%	%	%	%	%
Trt-Eval Interval							29 DAT	43 DAT	14 DAT	29 DAT	43 DAT
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	17	18	19	20	21
1	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	91 a	80 abc	0 a	0 a	0 a
	Grasp Xtra	0.273	LB A/A	20	FL OZ/A	4-5 LF RICE					
	Agridex	1	% V/V	1	% V/V	4-5 LF RICE					
2	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	86 ab	83 ab	0 a	0 a	0 a
	Grasp	0.039	LB A/A	2.5	FL OZ/A	4-5 LF RICE					
	Grandstand	0.234	LB AE/A	10	FL OZ/A	4-5 LF RICE					
	Agridex	1	% V/V	1	% V/V	4-5 LF RICE					
3	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	88 ab	73 cd	0 a	0 a	0 a
	Grasp	0.039	LB A/A	2.5	FL OZ/A	4-5 LF RICE					
	Agridex	1	% V/V	1	% V/V	4-5 LF RICE					
4	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	90 ab	70 d	0 a	0 a	0 a
	Grandstand	0.234	LB AE/A	10	FL OZ/A	4-5 LF RICE					
	Agridex	1	% V/V	1	% V/V	4-5 LF RICE					
5	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	88 ab	88 a	0 a	0 a	0 a
	Grasp Xtra	0.29	LB A/A	21.3	FL OZ/A	4-5 LF RICE					
	Agridex	1	% V/V	1	% V/V	4-5 LF RICE					
6	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	88 ab	88 a	0 a	0 a	0 a
	Grasp	0.042	LB A/A	2.7	FL OZ/A	4-5 LF RICE					
	Grandstand	0.25	LB AE/A	10.7	FL OZ/A	4-5 LF RICE					
	Agridex	1	% V/V	1	% V/V	4-5 LF RICE					
7	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	80 b	83 ab	0 a	0 a	0 a
	Grasp	0.042	LB A/A	2.7	FL OZ/A	4-5 LF RICE					
	Agridex	1	% V/V	1	% V/V	4-5 LF RICE					
8	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	86 ab	83 ab	0 a	0 a	0 a
	Grandstand	0.25	LB AE/A	10.7	FL OZ/A	4-5 LF RICE					
	Agridex	1	% V/V	1	% V/V	4-5 LF RICE					
9	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	89 ab	85 a	0 a	0 a	0 a
	Grasp	0.0313	LB A/A	2	FL OZ/A	4-5 LF RICE					
	Grandstand	0.25	LB AE/A	10.7	FL OZ/A	4-5 LF RICE					
	Agridex	1	% V/V	1	% V/V	4-5 LF RICE					
10	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	86 ab	75 bcd	0 a	0 a	0 a
	Grasp	0.0313	LB A/A	2	FL OZ/A	4-5 LF RICE					
	Agridex	1	% V/V	1	% V/V	4-5 LF RICE					
11	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	85 ab	88 a	0 a	0 a	0 a
	Grandstand	0.25	LB AE/A	10.7	FL OZ/A	4-5 LF RICE					
	Agridex	1	% V/V	1	% V/V	4-5 LF RICE					
12	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	0 c	0 e	0 a	0 a	0 a
	Nontreated										
LSD (P=.05)							11.1	9.2	0.0	0.0	0.0
Standard Deviation							7.7	6.4	0.0	0.0	0.0
CV							9.62	8.61	0.0	0.0	0.0
Grand Mean							79.69	74.38	0.0	0.0	0.0

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

LSU AgCenter
School of Plant, Environmental and Soil Sciences
Comparison of RebelEX with Clincher + Grasp Tankmix

Experiment number..... :	**C10-09**
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
Planting date ..... :	4/1/10
Harvest date..... :	N/A
Crop/Variety ..... :	CL131
Emergence date..... :	4/19/10
Uniform std. treatment..... :	N/A

Application type..... :	2-3LF	E Post Flood
Date applied [mm/dd/yy] ..... :	04/27/10	06/01/10
Time [hh:mm-hh:mm]..... :	9:00-9:15A	9:00-9:15A
Incorporation equip./Depth:..... :	N/A	N/A
Air/Soil temperature [F] ..... :	78/75	66/80
Relative humidity [%]..... :	55	82
Wind [mph, direction] ..... :	2-4,W	1-2,SSW
Weather [sunny, etc] ..... :	sunny	sunny
Soil/Leaf surface moist..... :	dry/dry	flood/dry
Crop stage/Height ..... :	2-3lf/2-4"	2-4till/10-15"
Sprayer type/MPH..... :	CO_2BkPk/3	CO_2BkPk/3
Nozzle type/Size* ..... :	AMFF/110015	AMFF/110015
Boom ht/# Noz/Spacing ..... :	15/5/15	15/5/15
GPA/PSI ..... :	15/25	15/25
Applied by..... :	TPC	TPC

Weed Species (population)..... :	---------- (height/#leaves) ----------	
ALRPH(3-5m^{-2})..... :	3-8"/3-10lf	12-21"/12-18lf
BRAPP(200-300m^{-2}) ..... :	¼-2"/1-4lf	6-12"/1-4till
ECHCG(75-100m^{-2})……..: ..... :	¼-1"/1-4lf	6-12"/1till-heading
ECLAL(30-50m^{-2}) ..... :	¼-1"/1-3lf	
SEBEX(1-3m^{-2})..... :		8-12"/4-7lf

Flush Dates ..... :	4/7, 4/15, 4/29, 5/7, 5/13
Permanent Flood..... :	5/27

*AMFF – Air mix flat fan nozzles

Comments: Early post-flood treatment applied due to failure of 2-3 leaf application from inadequate soil moisture.

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School of Plant, Environmental and Soil Sciences

Comparison of RebelEX with Clincher + Grasp Tankmix

Trial ID: C10-09 Protocol ID: C10-09
Location: RRS-Crowley, LA Study Director:
Investigator: Eric P. Webster

Pest Code							BRAPP	BRAPP	ECHCG	ECHCG	ECLAL	ECLAL	ALRPH	ALRPH
Rating Date							8/6/10	22/6/10	8/6/10	22/6/10	8/6/10	22/6/10	8/6/10	22/6/10
Rating Data Type							Control	Control	Control	Control	Control	Control	Control	Control
Rating Unit							%	%	%	%	%	%	%	%
Trt-Eval Interval							7 DAT	21 DAT	7 DAT	21 DAT	7 DAT	21 DAT	7 DAT	21 DAT
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	1	2	3	4	5	6	7	8
1	RebelEX	0.317	LB A/A	20	FL OZ/A	2-3 LF RICE	59 a	95 a	64 ab	23 c	55 a	90 a	53 a	81 a
	Agridex	1	% V/V	1	% V/V	2-3 LF RICE								
2	Clincher	0.28	LB A/A	15	FL OZ/A	2-3 LF RICE	53 a	93 b	70 a	23 c	55 a	91 a	55 a	75 ab
	Grasp	0.039	LB A/A	2.5	FL OZ/A	2-3 LF RICE								
	Agridex	1	% V/V	1	% V/V	2-3 LF RICE								
3	Clincher	0.28	LB A/A	15	FL OZ/A	2-3 LF RICE	59 a	93 ab	55 bc	95 a	0 b	0 b	0 b	0 c
	Agridex	1	% V/V	1	% V/V	2-3 LF RICE								
4	Grasp	0.039	LB A/A	2.5	FL OZ/A	2-3 LF RICE	13 b	0 d	53 bc	55 b	53 a	90 a	53 a	75 ab
	Agridex	1	% V/V	1	% V/V	2-3 LF RICE								
5	RebelEX	0.254	LB A/A	16	FL OZ/A	2-3 LF RICE	54 a	93 b	59 abc	23 c	55 a	91 a	53 a	75 ab
	Agridex	1	% V/V	1	% V/V	2-3 LF RICE								
6	Clincher	0.223	LB A/A	12	FL OZ/A	2-3 LF RICE	58 a	90 c	60 abc	25 c	50 a	93 a	55 a	73 b
	Grasp	0.0313	LB A/A	2	FL OZ/A	2-3 LF RICE								
	Agridex	1	% V/V	1	% V/V	2-3 LF RICE								
7	Clincher	0.223	LB A/A	12	FL OZ/A	2-3 LF RICE	50 a	95 a	55 bc	95 a	0 b	0 b	0 b	0 c
	Agridex	1	% V/V	1	% V/V	2-3 LF RICE								
8	Grasp	0.0313	LB A/A	2	FL OZ/A	2-3 LF RICE	13 b	0 d	55 bc	53 b	56 a	90 a	55 a	75 ab
	Agridex	1	% V/V	1	% V/V	2-3 LF RICE								
9	Clincher	0.28	LB A/A	15	FL OZ/A	2-3 LF RICE	55 a	90 c	50 c	20 c	50 a	89 a	59 a	76 ab
	Grasp	0.0313	LB A/A	2	FL OZ/A	2-3 LF RICE								
	Agridex	1	% V/V	1	% V/V	2-3 LF RICE								
10	Nontreated						0 c	0 d	0 d	0 d	0 b	0 b	0 b	0 c
LSD (P=.05)							11.1	2.5	11.3	7.6	7.8	4.2	8.0	7.2
Standard Deviation							7.6	1.7	7.8	5.2	5.4	2.9	5.5	5.0
CV							18.54	2.64	15.0	12.78	14.35	4.6	14.47	9.38
Grand Mean							41.13	64.83	52.0	41.03	37.38	63.38	38.13	53.0

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Pest Code							INJURY	INJURY
Rating Date							8/6/10	22/6/10
Rating Data Type								
Rating Unit							%	%
Trt-Eval Interval							7 DAT	21 DAT
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	9	10
1	RebelEX	0.317	LB A/A	20	FL OZ/A	2-3 LF RICE	0 a	0 a
	Agridex	1	% V/V	1	% V/V	2-3 LF RICE		
2	Clincher	0.28	LB A/A	15	FL OZ/A	2-3 LF RICE	0 a	0 a
	Grasp	0.039	LB A/A	2.5	FL OZ/A	2-3 LF RICE		
	Agridex	1	% V/V	1	% V/V	2-3 LF RICE		
3	Clincher	0.28	LB A/A	15	FL OZ/A	2-3 LF RICE	0 a	0 a
	Agridex	1	% V/V	1	% V/V	2-3 LF RICE		
4	Grasp	0.039	LB A/A	2.5	FL OZ/A	2-3 LF RICE	0 a	0 a
	Agridex	1	% V/V	1	% V/V	2-3 LF RICE		
5	RebelEX	0.254	LB A/A	16	FL OZ/A	2-3 LF RICE	0 a	0 a
	Agridex	1	% V/V	1	% V/V	2-3 LF RICE		
6	Clincher	0.223	LB A/A	12	FL OZ/A	2-3 LF RICE	0 a	0 a
	Grasp	0.0313	LB A/A	2	FL OZ/A	2-3 LF RICE		
	Agridex	1	% V/V	1	% V/V	2-3 LF RICE		
7	Clincher	0.223	LB A/A	12	FL OZ/A	2-3 LF RICE	0 a	0 a
	Agridex	1	% V/V	1	% V/V	2-3 LF RICE		
8	Grasp	0.0313	LB A/A	2	FL OZ/A	2-3 LF RICE	0 a	0 a
	Agridex	1	% V/V	1	% V/V	2-3 LF RICE		
9	Clincher	0.28	LB A/A	15	FL OZ/A	2-3 LF RICE	0 a	0 a
	Grasp	0.0313	LB A/A	2	FL OZ/A	2-3 LF RICE		
	Agridex	1	% V/V	1	% V/V	2-3 LF RICE		
10	Nontreated						0 a	0 a
LSD (P=.05)							0.0	0.0
Standard Deviation							0.0	0.0
CV							0.0	0.0
Grand Mean							0.0	0.0

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Ricestar HT + Clincher Tankmixes with Ricestar HT Reduced as Clincher is Added

Experiment number	**C10-10**
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
Planting date	4/1/10
Harvest date	8/10/10
Crop/Variety	CL131
Emergence date	4/19/10
Uniform std. treatment	N/A

Application type	PRE overspray	MPOST
Date applied [mm/dd/yy]	04/02/10	05/03/10
Time [hh:mm-hh:mm]	10:00-10:10A	9:35-9:45A
Incorporation equip./Depth:	N/A	N/A
Air/Soil temperature [F]	73/62	77/72
Relative humidity [%]	83	83
Wind [mph, direction]	5-7,S	4-5,E
Weather [sunny, etc]	sunny	sunny
Soil/Leaf surface moist	dry/N/A	wet/dry
Crop stage/Height	N/A	3-4lf/3-6"
Sprayer type/MPH	CO_2BkPk/3	CO_2BkPk/3
Nozzle type/Size*	AMFF/110015	AMFF/110015
Boom ht/# Noz/Spacing	15/5/15	15/5/15
GPA/PSI	15/22	15/25
Applied by	JCF	EPW

Weed Species (population)	---------- (height/#leaves) ----------
BRAPP(200-300m^{-2})	¼-1"/1-4lf
ECHCG(50-75m^{-2})	¼-1"/1-4lf

Flush Dates	4/7, 4/15, 4/29, 5/13
Permanent Flood	5/27

*AMFF – Air mix flat fan nozzles

LSU AgCenter
School of Plant, Environmental and Soil Sciences

Ricestar HT + Clincher Tankmixes with Ricestar HT Reduced as Clincher is Added

Trial ID: C10-10 Protocol ID: C10-10
Location: RRS-Crowley, LA Study Director:
Investigator: Eric P. Webster

Pest Code							BRAPP	BRAPP	BRAPP	BRAPP	ECHCG	ECHCG	ECHCG	ECHCG
Rating Date							18/5/10	24/5/10	7/6/10	21/6/10	18/5/10	24/5/10	7/6/10	21/6/10
Rating Data Type							Control	Control	Control	Control	Control	Control	Control	Control
Rating Unit							%	%	%	%	%	%	%	%
Trt-Eval Interval							15 DAT	21 DAT	35 DAT	49 DAT	15 DAT	21 DAT	35 DAT	49 DAT
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	1	2	3	4	5	6	7	8
1	Command	0.2	LB A/A	8.5	FL OZ/A	PRE	95 ab	98 a	94 a	91 a	96 bc	98 a	95 a	88 a
	Ricestar HT	0.109	LB A/A	24	FL OZ/A	MIDPOST								
	Clincher	0	LB A/A	0	FL OZ/A	MIDPOST								
	Agridex	1	% V/V	1	% V/V	MIDPOST								
2	Command	0.2	LB A/A	8.5	FL OZ/A	PRE	96 ab	98 a	90 b	89 ab	97 ab	98 a	95 a	86 ab
	Ricestar HT	0.095	LB A/A	21	FL OZ/A	MIDPOST								
	Clincher	0.056	LB A/A	3	FL OZ/A	MIDPOST								
	Agridex	1	% V/V	1	% V/V	MIDPOST								
3	Command	0.2	LB A/A	8.5	FL OZ/A	PRE	97 a	98 a	90 b	86 bc	98 a	98 a	95 a	85 abc
	Ricestar HT	0.0816	LB A/A	18	FL OZ/A	MIDPOST								
	Clincher	0.112	LB A/A	6	FL OZ/A	MIDPOST								
	Agridex	1	% V/V	1	% V/V	MIDPOST								
4	Command	0.2	LB A/A	8.5	FL OZ/A	PRE	95 ab	98 a	90 b	89 ab	97 abc	98 a	95 a	85 abc
	Ricestar HT	0.068	LB A/A	15	FL OZ/A	MIDPOST								
	Clincher	0.167	LB A/A	9	FL OZ/A	MIDPOST								
	Agridex	1	% V/V	1	% V/V	MIDPOST								
5	Command	0.2	LB A/A	8.5	FL OZ/A	PRE	94 b	98 a	91 b	89 ab	96 bc	98 a	94 a	85 abc
	Ricestar HT	0.0544	LB A/A	12	FL OZ/A	MIDPOST								
	Clincher	0.223	LB A/A	12	FL OZ/A	MIDPOST								
	Agridex	1	% V/V	1	% V/V	MIDPOST								
6	Command	0.2	LB A/A	8.5	FL OZ/A	PRE	95 ab	98 a	90 b	85 bc	95 c	98 a	95 a	84 bc
	Ricestar HT	0.0408	LB A/A	9	FL OZ/A	MIDPOST								
	Clincher	0.28	LB A/A	15	FL OZ/A	MIDPOST								
	Agridex	1	% V/V	1	% V/V	MIDPOST								
7	Command	0.2	LB A/A	8.5	FL OZ/A	PRE	94 b	97 a	88 c	83 c	97 abc	97 a	95 a	83 c
	Ricestar HT	0	LB A/A	0	FL OZ/A	MIDPOST								
	Clincher	0.28	LB A/A	15	FL OZ/A	MIDPOST								
	Agridex	1	% V/V	1	% V/V	MIDPOST								
8	Command	0.2	LB A/A	8.5	FL OZ/A	PRE	0 c	0 b	0 d	0 d	0 d	0 b	0 b	0 d
	Nontreated													
LSD (P=.05)							2.2	0.8	2.3	4.2	1.8	0.8	1.3	3.7
Standard Deviation							1.5	0.5	1.6	2.9	1.2	0.5	0.9	2.5
CV							1.8	0.62	2.01	3.75	1.43	0.62	1.07	3.36
Grand Mean							83.03	85.66	79.06	76.41	84.34	85.66	82.97	74.38

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Pest Code							INJURY	INJURY	INJURY	INJURY		
Rating Date							18/5/10	24/5/10	7/6/10	21/6/10	10/8/10	10/8/10
Rating Data Type											Yield @ 12%	Avg. Height
Rating Unit							%	%	%	%	lb/A	cm
Trt-Eval Interval							15 DAT	21 DAT	35 DAT	49 DAT		
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	9	10	11	12	15	18
1	Command	0.2	LB A/A	8.5	FL OZ/A	PRE	0 a	0 a	0 a	0 a	5693 ab	92 a
	Ricestar HT	0.109	LB A/A	24	FL OZ/A	MIDPOST						
	Clincher	0	LB A/A	0	FL OZ/A	MIDPOST						
	Agridex	1	% V/V	1	% V/V	MIDPOST						
2	Command	0.2	LB A/A	8.5	FL OZ/A	PRE	0 a	0 a	0 a	0 a	6222 a	85 b
	Ricestar HT	0.095	LB A/A	21	FL OZ/A	MIDPOST						
	Clincher	0.056	LB A/A	3	FL OZ/A	MIDPOST						
	Agridex	1	% V/V	1	% V/V	MIDPOST						
3	Command	0.2	LB A/A	8.5	FL OZ/A	PRE	0 a	0 a	0 a	0 a	5140 abc	87 ab
	Ricestar HT	0.0816	LB A/A	18	FL OZ/A	MIDPOST						
	Clincher	0.112	LB A/A	6	FL OZ/A	MIDPOST						
	Agridex	1	% V/V	1	% V/V	MIDPOST						
4	Command	0.2	LB A/A	8.5	FL OZ/A	PRE	0 a	0 a	0 a	0 a	4950 bc	86 b
	Ricestar HT	0.068	LB A/A	15	FL OZ/A	MIDPOST						
	Clincher	0.167	LB A/A	9	FL OZ/A	MIDPOST						
	Agridex	1	% V/V	1	% V/V	MIDPOST						
5	Command	0.2	LB A/A	8.5	FL OZ/A	PRE	0 a	0 a	0 a	0 a	4094 c	86 ab
	Ricestar HT	0.0544	LB A/A	12	FL OZ/A	MIDPOST						
	Clincher	0.223	LB A/A	12	FL OZ/A	MIDPOST						
	Agridex	1	% V/V	1	% V/V	MIDPOST						
6	Command	0.2	LB A/A	8.5	FL OZ/A	PRE	0 a	0 a	0 a	0 a	4593 bc	86 ab
	Ricestar HT	0.0408	LB A/A	9	FL OZ/A	MIDPOST						
	Clincher	0.28	LB A/A	15	FL OZ/A	MIDPOST						
	Agridex	1	% V/V	1	% V/V	MIDPOST						
7	Command	0.2	LB A/A	8.5	FL OZ/A	PRE	0 a	0 a	0 a	0 a	4561 bc	87 ab
	Ricestar HT	0	LB A/A	0	FL OZ/A	MIDPOST						
	Clincher	0.28	LB A/A	15	FL OZ/A	MIDPOST						
	Agridex	1	% V/V	1	% V/V	MIDPOST						
8	Command	0.2	LB A/A	8.5	FL OZ/A	PRE	0 a	0 a	0 a	0 a	2217 d	70 c
	Nontreated											
LSD (P=.05)							0.0	0.0	0.0	0.0	1235.2	6.1
Standard Deviation							0.0	0.0	0.0	0.0	839.8	4.1
CV							0.0	0.0	0.0	0.0	17.93	4.9
Grand Mean							0.0	0.0	0.0	0.0	4683.78	84.72

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Ricestar HT + Clincher Tankmixes with Ricestar HT Reduced as Clincher is Added Based on Cost of Treatment

Experiment number	**C10-11**
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
Planting date	4/1/10
Harvest date	8/10/10
Crop/Variety	CL131
Emergence date	4/19/10
Uniform std. treatment	N/A

Application type	PRE overspray	MIDPOST
Date applied [mm/dd/yy]	04/02/10	05/03/10
Time [hh:mm-hh:mm]	10:10-10:20A	9:45-10:00A
Incorporation equip./Depth:	N/A	N/A
Air/Soil temperature [F]	73/62	77/72
Relative humidity [%]	83	83
Wind [mph, direction]	5-7,S	4-5,E
Weather [sunny, etc]	sunny	sunny
Soil/Leaf surface moist	dry/N/A	wet/dry
Crop stage/Height	N/A	3-4lf/3-6"
Sprayer type/MPH	CO_2BkPk/3	CO_2BkPk/3
Nozzle type/Size*	AMFF/110015	AMFF/110015
Boom ht/# Noz/Spacing	15/5/15	15/5/15
GPA/PSI	15/22	15/25
Applied by	JCF	EPW

Weed Species (population)	---------- (height/#leaves) ----------
BRAPP(100-200m^{-2})	¼-2"/1-3lf
ECHCG(50-75m^{-2})	¼-1"/1-3lf

Flush Dates	4/7, 4/15, 4/29, 5/13
Permanent Flood	5/27

*AMFF – Air mix flat fan nozzles

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Ricestar HT + Clincher Tankmixes with Ricestar HT Reduced as Clincher is Added
Based on Cost of Treatment

Trial ID: C10-11 Protocol ID: C10-11
Location: RRS-Crowley, LA Study Director:
Investigator: Eric P. Webster

Pest Code							BRAPP	BRAPP	BRAPP	BRAPP	ECHCG	ECHCG	ECHCG	ECHCG
Rating Date							18/5/10	24/5/10	7/6/10	21/6/10	18/5/10	24/5/10	7/6/10	21/6/10
Rating Data Type							Control	Control	Control	Control	Control	Control	Control	Control
Rating Unit							%	%	%	%	%	%	%	%
Trt-Eval Interval							15 DAT	21 DAT	35 DAT	49 DAT	15 DAT	21 DAT	35 DAT	49 DAT
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	1	2	3	4	5	6	7	8
1	Command	0.2	LB A/A	8.5	FL OZ/A	PRE	97 ab	97 a	81 a	95 a	98 a	98 a	85 a	84 a
	Ricestar HT	0.109	LB A/A	24	FL OZ/A	MIDPOST								
	Clincher	0	LB A/A	0	FL OZ/A	MIDPOST								
	Agridex	1	% V/V	1	% V/V	MIDPOST								
2	Command	0.2	LB A/A	8.5	FL OZ/A	PRE	97 ab	97 a	79 a	96 a	98 a	97 a	73 b	81 a
	Ricestar HT	0.086	LB A/A	19	FL OZ/A	MIDPOST								
	Clincher	0.056	LB A/A	3	FL OZ/A	MIDPOST								
	Agridex	1	% V/V	1	% V/V	MIDPOST								
3	Command	0.2	LB A/A	8.5	FL OZ/A	PRE	98 a	97 a	80 a	95 a	98 a	97 a	75 b	78 a
	Ricestar HT	0.0634	LB A/A	14	FL OZ/A	MIDPOST								
	Clincher	0.112	LB A/A	6	FL OZ/A	MIDPOST								
	Agridex	1	% V/V	1	% V/V	MIDPOST								
4	Command	0.2	LB A/A	8.5	FL OZ/A	PRE	97 ab	97 a	75 a	96 a	98 a	97 a	79 ab	79 a
	Ricestar HT	0.0408	LB A/A	9	FL OZ/A	MIDPOST								
	Clincher	0.167	LB A/A	9	FL OZ/A	MIDPOST								
	Agridex	1	% V/V	1	% V/V	MIDPOST								
5	Command	0.2	LB A/A	8.5	FL OZ/A	PRE	96 b	97 a	76 a	95 a	97 a	97 a	75 b	79 a
	Ricestar HT	0.0181	LB A/A	4	FL OZ/A	MIDPOST								
	Clincher	0.223	LB A/A	12	FL OZ/A	MIDPOST								
	Agridex	1	% V/V	1	% V/V	MIDPOST								
6	Command	0.2	LB A/A	8.5	FL OZ/A	PRE	95 b	95 a	83 a	95 a	97 a	96 a	71 b	78 a
	Ricestar HT	0	LB A/A	0	FL OZ/A	MIDPOST								
	Clincher	0.26	LB A/A	14	FL OZ/A	MIDPOST								
	Agridex	1	% V/V	1	% V/V	MIDPOST								
7	Command	0.2	LB A/A	8.5	FL OZ/A	PRE	0 c	0 b	0 b	0 b	0 b	0 b	0 c	0 b
	Nontreated													
LSD (P=.05)							1.9	2.8	8.4	1.2	1.1	2.6	9.9	6.3
Standard Deviation							1.3	1.9	5.7	0.8	0.7	1.8	6.6	4.2
CV							1.57	2.27	8.38	1.01	0.87	2.12	10.17	6.19
Grand Mean							82.61	82.96	67.68	81.64	83.79	83.29	65.36	68.21

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Pest Code							INJURY	INJURY	INJURY	INJURY		
Rating Date							18/5/10	24/5/10	7/6/10	21/6/10	10/8/10	10/8/10
Rating Data Type											Yield @ 12%	Avg. Height
Rating Unit							%	%	%	%	lb/A	cm
Trt-Eval Interval							15 DAT	21 DAT	35 DAT	49 DAT		
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	9	10	11	12	15	18
1	Command	0.2	LB A/A	8.5	FL OZ/A	PRE	0 a	0 a	0 a	0 a	4607 a	84 a
	Ricestar HT	0.109	LB A/A	24	FL OZ/A	MIDPOST						
	Clincher	0	LB A/A	0	FL OZ/A	MIDPOST						
	Agridex	1	% V/V	1	% V/V	MIDPOST						
2	Command	0.2	LB A/A	8.5	FL OZ/A	PRE	0 a	0 a	0 a	0 a	4620 a	83 a
	Ricestar HT	0.086	LB A/A	19	FL OZ/A	MIDPOST						
	Clincher	0.056	LB A/A	3	FL OZ/A	MIDPOST						
	Agridex	1	% V/V	1	% V/V	MIDPOST						
3	Command	0.2	LB A/A	8.5	FL OZ/A	PRE	0 a	0 a	0 a	0 a	4704 a	80 a
	Ricestar HT	0.0634	LB A/A	14	FL OZ/A	MIDPOST						
	Clincher	0.112	LB A/A	6	FL OZ/A	MIDPOST						
	Agridex	1	% V/V	1	% V/V	MIDPOST						
4	Command	0.2	LB A/A	8.5	FL OZ/A	PRE	0 a	0 a	0 a	0 a	4725 a	85 a
	Ricestar HT	0.0408	LB A/A	9	FL OZ/A	MIDPOST						
	Clincher	0.167	LB A/A	9	FL OZ/A	MIDPOST						
	Agridex	1	% V/V	1	% V/V	MIDPOST						
5	Command	0.2	LB A/A	8.5	FL OZ/A	PRE	0 a	0 a	0 a	0 a	4026 a	86 a
	Ricestar HT	0.0181	LB A/A	4	FL OZ/A	MIDPOST						
	Clincher	0.223	LB A/A	12	FL OZ/A	MIDPOST						
	Agridex	1	% V/V	1	% V/V	MIDPOST						
6	Command	0.2	LB A/A	8.5	FL OZ/A	PRE	0 a	0 a	0 a	0 a	4454 a	82 a
	Ricestar HT	0	LB A/A	0	FL OZ/A	MIDPOST						
	Clincher	0.26	LB A/A	14	FL OZ/A	MIDPOST						
	Agridex	1	% V/V	1	% V/V	MIDPOST						
7	Command	0.2	LB A/A	8.5	FL OZ/A	PRE	0 a	0 a	0 a	0 a		81 a
	Nontreated											
LSD (P=.05)							0.0	0.0	0.0	0.0	979.0	6.5
Standard Deviation							0.0	0.0	0.0	0.0	649.7	4.4
CV							0.0	0.0	0.0	0.0	14.37	5.27
Grand Mean							0.0	0.0	0.0	0.0	4522.46	82.98

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Clincher + Ricestar HT Tankmixes with Clincher Reduced as Ricestar HT is Added Based on Cost of Treatment

Experiment number	**C10-12**
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
Planting date	4/1/10
Harvest date	8/10/10
Crop/Variety	CL131
Emergence date	4/19/10
Uniform std. treatment	N/A

Application type	PRE overspray	MPOST
Date applied [mm/dd/yy]	04/02/10	05/03/10
Time [hh:mm-hh:mm]	10:20-10:30A	11:10-11:30A
Incorporation equip./Depth:	N/A	N/A
Air/Soil temperature [F]	73/62	79/72
Relative humidity [%]	83	83
Wind [mph, direction]	5-7,S	4-5,E
Weather [sunny, etc]	sunny	sunny
Soil/Leaf surface moist	dry/N/A	wet/dry
Crop stage/Height	N/A	3-4lf/3-6"
Sprayer type/MPH	CO_2BkPk/3	CO_2BkPk/3
Nozzle type/Size*	AMFF/110015	AMFF/110015
Boom ht/# Noz/Spacing	15/5/15	15/5/15
GPA/PSI	15/22	15/25
Applied by	JCF	EPW

Weed Species (population)	---------- (height/#leaves) ----------
BRAPP(100-200m^{-2})	¼-3"/1-4lf
ECHCG(50-75m^{-2})	¼-2"/1-3lf

Flush Dates	4/7, 4/15, 4/29, 5/13
Permanent Flood	5/27

*AMFF – Air mix flat fan nozzles

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Clincher + Ricestar HT Tankmixes with Clincher Reduced as Ricestar HT is Added Based on Cost of Treatment

Trial ID: C10-12 Protocol ID: C10-12
Location: RRS-Crowley, LA Study Director:
Investigator: Eric P. Webster

Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	1	2	3	4
Pest Code							BRAPP	BRAPP	BRAPP	BRAPP
Rating Date							18/5/10	24/5/10	7/6/10	21/6/10
Rating Data Type							Control	Control	Control	Control
Rating Unit							%	%	%	%
Trt-Eval Interval							15 da MPOST	21 da MPOST	35 da MPOST	49 da MPOST
1	Command	0.2	LB A/A	8.5	FL OZ/A	PRE	94 a	95 a	91 ab	93 a
	Clincher	0.28	LB A/A	15	FL OZ/A	MIDPOST				
	Ricestar HT	0	LB A/A	0	FL OZ/A	MIDPOST				
	Agridex	1	% V/V	1	% V/V	MIDPOST				
2	Command	0.2	LB A/A	8.5	FL OZ/A	PRE	95 a	93 a	93 a	91 a
	Clincher	0.242	LB A/A	13	FL OZ/A	MIDPOST				
	Ricestar HT	0.0181	LB A/A	4	FL OZ/A	MIDPOST				
	Agridex	1	% V/V	1	% V/V	MIDPOST				
3	Command	0.2	LB A/A	8.5	FL OZ/A	PRE	92 a	95 a	91 ab	93 a
	Clincher	0.186	LB A/A	10	FL OZ/A	MIDPOST				
	Ricestar HT	0.0363	LB A/A	8	FL OZ/A	MIDPOST				
	Agridex	1	% V/V	1	% V/V	MIDPOST				
4	Command	0.2	LB A/A	8.5	FL OZ/A	PRE	93 a	95 a	90 abc	90 a
	Clincher	0.149	LB A/A	8	FL OZ/A	MIDPOST				
	Ricestar HT	0.0544	LB A/A	12	FL OZ/A	MIDPOST				
	Agridex	1	% V/V	1	% V/V	MIDPOST				
5	Command	0.2	LB A/A	8.5	FL OZ/A	PRE	94 a	95 a	90 abc	93 a
	Clincher	0.112	LB A/A	6	FL OZ/A	MIDPOST				
	Ricestar HT	0.0725	LB A/A	16	FL OZ/A	MIDPOST				
	Agridex	1	% V/V	1	% V/V	MIDPOST				
6	Command	0.2	LB A/A	8.5	FL OZ/A	PRE	91 a	95 a	88 c	90 a
	Clincher	0.056	LB A/A	3	FL OZ/A	MIDPOST				
	Ricestar HT	0.091	LB A/A	20	FL OZ/A	MIDPOST				
	Agridex	1	% V/V	1	% V/V	MIDPOST				
7	Command	0.2	LB A/A	8.5	FL OZ/A	PRE	89 a	95 a	89 bc	91 a
	Clincher	0.0186	LB A/A	1	FL OZ/A	MIDPOST				
	Ricestar HT	0.109	LB A/A	24	FL OZ/A	MIDPOST				
	Agridex	1	% V/V	1	% V/V	MIDPOST				
8	Command	0.2	LB A/A	8.5	FL OZ/A	PRE	0 b	0 b	0 d	0 b
	Nontrreated									
LSD (P=.05)							6.9	2.1	3.5	3.3
Standard Deviation							4.7	1.4	2.4	2.2
CV							5.8	1.68	2.98	2.81
Grand Mean							80.72	82.91	78.91	80.0

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Pest Code							ECHCG	ECHCG	ECHCG	ECHCG
Rating Date							18/5/10	24/5/10	7/6/10	21/6/10
Rating Data Type							Control	Control	Control	Control
Rating Unit							%	%	%	%
Trt-Eval Interval							15 da MPOST	21 da MPOST	35 da MPOST	49 da MPOST
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	5	6	7	8
1	Command	0.2	LB A/A	8.5	FL OZ/A	PRE	95 a	95 a	91 a	80 ab
	Clincher	0.28	LB A/A	15	FL OZ/A	MIDPOST				
	Ricestar HT	0	LB A/A	0	FL OZ/A	MIDPOST				
	Agridex	1	% V/V	1	% V/V	MIDPOST				
2	Command	0.2	LB A/A	8.5	FL OZ/A	PRE	95 a	96 a	90 a	81 ab
	Clincher	0.242	LB A/A	13	FL OZ/A	MIDPOST				
	Ricestar HT	0.0181	LB A/A	4	FL OZ/A	MIDPOST				
	Agridex	1	% V/V	1	% V/V	MIDPOST				
3	Command	0.2	LB A/A	8.5	FL OZ/A	PRE	92 ab	94 a	89 a	81 ab
	Clincher	0.186	LB A/A	10	FL OZ/A	MIDPOST				
	Ricestar HT	0.0363	LB A/A	8	FL OZ/A	MIDPOST				
	Agridex	1	% V/V	1	% V/V	MIDPOST				
4	Command	0.2	LB A/A	8.5	FL OZ/A	PRE	93 ab	95 a	89 a	79 b
	Clincher	0.149	LB A/A	8	FL OZ/A	MIDPOST				
	Ricestar HT	0.0544	LB A/A	12	FL OZ/A	MIDPOST				
	Agridex	1	% V/V	1	% V/V	MIDPOST				
5	Command	0.2	LB A/A	8.5	FL OZ/A	PRE	93 ab	95 a	89 a	80 ab
	Clincher	0.112	LB A/A	6	FL OZ/A	MIDPOST				
	Ricestar HT	0.0725	LB A/A	16	FL OZ/A	MIDPOST				
	Agridex	1	% V/V	1	% V/V	MIDPOST				
6	Command	0.2	LB A/A	8.5	FL OZ/A	PRE	93 ab	95 a	93 a	81 ab
	Clincher	0.056	LB A/A	3	FL OZ/A	MIDPOST				
	Ricestar HT	0.091	LB A/A	20	FL OZ/A	MIDPOST				
	Agridex	1	% V/V	1	% V/V	MIDPOST				
7	Command	0.2	LB A/A	8.5	FL OZ/A	PRE	88 b	95 a	90 a	85 a
	Clincher	0.0186	LB A/A	1	FL OZ/A	MIDPOST				
	Ricestar HT	0.109	LB A/A	24	FL OZ/A	MIDPOST				
	Agridex	1	% V/V	1	% V/V	MIDPOST				
8	Command	0.2	LB A/A	8.5	FL OZ/A	PRE	0 c	0 b	0 b	0 c
	Nontrreated									
LSD (P=.05)							6.5	2.1	4.3	6.1
Standard Deviation							4.4	1.5	2.9	4.2
CV							5.44	1.75	3.73	5.88
Grand Mean							81.09	83.0	78.75	70.94

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Pest Code							INJURY	INJURY	INJURY	INJURY	
Rating Date							18/5/10	24/5/10	7/6/10	21/6/10	10/8/10
Rating Data Type											Yield @ 12%
Rating Unit							%	%	%	%	lb/acre
Trt-Eval Interval							15 da MPOST	21 da MPOST	35 da MPOST	49 da MPOST	Harvest
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	9	10	11	12	15
1	Command	0.2	LB A/A	8.5	FL OZ/A	PRE	0 a	0 a	0 a	0 a	4515 a
	Clincher	0.28	LB A/A	15	FL OZ/A	MIDPOST					
	Ricestar HT	0	LB A/A	0	FL OZ/A	MIDPOST					
	Agridex	1	% V/V	1	% V/V	MIDPOST					
2	Command	0.2	LB A/A	8.5	FL OZ/A	PRE	0 a	0 a	0 a	0 a	5023 a
	Clincher	0.242	LB A/A	13	FL OZ/A	MIDPOST					
	Ricestar HT	0.0181	LB A/A	4	FL OZ/A	MIDPOST					
	Agridex	1	% V/V	1	% V/V	MIDPOST					
3	Command	0.2	LB A/A	8.5	FL OZ/A	PRE	0 a	0 a	0 a	0 a	5174 a
	Clincher	0.186	LB A/A	10	FL OZ/A	MIDPOST					
	Ricestar HT	0.0363	LB A/A	8	FL OZ/A	MIDPOST					
	Agridex	1	% V/V	1	% V/V	MIDPOST					
4	Command	0.2	LB A/A	8.5	FL OZ/A	PRE	0 a	0 a	0 a	0 a	5134 a
	Clincher	0.149	LB A/A	8	FL OZ/A	MIDPOST					
	Ricestar HT	0.0544	LB A/A	12	FL OZ/A	MIDPOST					
	Agridex	1	% V/V	1	% V/V	MIDPOST					
5	Command	0.2	LB A/A	8.5	FL OZ/A	PRE	0 a	0 a	0 a	0 a	4341 a
	Clincher	0.112	LB A/A	6	FL OZ/A	MIDPOST					
	Ricestar HT	0.0725	LB A/A	16	FL OZ/A	MIDPOST					
	Agridex	1	% V/V	1	% V/V	MIDPOST					
6	Command	0.2	LB A/A	8.5	FL OZ/A	PRE	0 a	0 a	0 a	0 a	4887 a
	Clincher	0.056	LB A/A	3	FL OZ/A	MIDPOST					
	Ricestar HT	0.091	LB A/A	20	FL OZ/A	MIDPOST					
	Agridex	1	% V/V	1	% V/V	MIDPOST					
7	Command	0.2	LB A/A	8.5	FL OZ/A	PRE	0 a	0 a	0 a	0 a	4775 a
	Clincher	0.0186	LB A/A	1	FL OZ/A	MIDPOST					
	Ricestar HT	0.109	LB A/A	24	FL OZ/A	MIDPOST					
	Agridex	1	% V/V	1	% V/V	MIDPOST					
8	Command	0.2	LB A/A	8.5	FL OZ/A	PRE	0 a	0 a	0 a	0 a	2483 b
	Nontrreated										
LSD (P=.05)							0.0	0.0	0.0	0.0	1196.4
Standard Deviation							0.0	0.0	0.0	0.0	813.4
CV							0.0	0.0	0.0	0.0	17.91
Grand Mean							0.0	0.0	0.0	0.0	4541.4

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Pest Code							
Rating Date							10/8/10
Rating Data Type							Avg. Height
Rating Unit							cm
Trt-Eval Interval							Harvest
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	18
1	Command	0.2	LB A/A	8.5	FL OZ/A	PRE	85 a
	Clincher	0.28	LB A/A	15	FL OZ/A	MIDPOST	
	Ricestar HT	0	LB A/A	0	FL OZ/A	MIDPOST	
	Agridex	1	% V/V	1	% V/V	MIDPOST	
2	Command	0.2	LB A/A	8.5	FL OZ/A	PRE	86 a
	Clincher	0.242	LB A/A	13	FL OZ/A	MIDPOST	
	Ricestar HT	0.0181	LB A/A	4	FL OZ/A	MIDPOST	
	Agridex	1	% V/V	1	% V/V	MIDPOST	
3	Command	0.2	LB A/A	8.5	FL OZ/A	PRE	84 a
	Clincher	0.186	LB A/A	10	FL OZ/A	MIDPOST	
	Ricestar HT	0.0363	LB A/A	8	FL OZ/A	MIDPOST	
	Agridex	1	% V/V	1	% V/V	MIDPOST	
4	Command	0.2	LB A/A	8.5	FL OZ/A	PRE	82 a
	Clincher	0.149	LB A/A	8	FL OZ/A	MIDPOST	
	Ricestar HT	0.0544	LB A/A	12	FL OZ/A	MIDPOST	
	Agridex	1	% V/V	1	% V/V	MIDPOST	
5	Command	0.2	LB A/A	8.5	FL OZ/A	PRE	81 a
	Clincher	0.112	LB A/A	6	FL OZ/A	MIDPOST	
	Ricestar HT	0.0725	LB A/A	16	FL OZ/A	MIDPOST	
	Agridex	1	% V/V	1	% V/V	MIDPOST	
6	Command	0.2	LB A/A	8.5	FL OZ/A	PRE	87 a
	Clincher	0.056	LB A/A	3	FL OZ/A	MIDPOST	
	Ricestar HT	0.091	LB A/A	20	FL OZ/A	MIDPOST	
	Agridex	1	% V/V	1	% V/V	MIDPOST	
7	Command	0.2	LB A/A	8.5	FL OZ/A	PRE	83 a
	Clincher	0.0186	LB A/A	1	FL OZ/A	MIDPOST	
	Ricestar HT	0.109	LB A/A	24	FL OZ/A	MIDPOST	
	Agridex	1	% V/V	1	% V/V	MIDPOST	
8	Command	0.2	LB A/A	8.5	FL OZ/A	PRE	77 a
	Nontrreated						
LSD (P=.05)							6.3
Standard Deviation							4.3
CV							5.18
Grand Mean							83.06

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Ricestar HT with 1X and 2X Rates of Choice, Quest, and Alliance

Experiment number..... :	**C10-13**
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
Planting date ..... :	4/1/10
Harvest date..... :	8/10/10
Crop/Variety ..... :	CL131
Emergence date..... :	4/19/10
Uniform std. treatment..... :	N/A

Application type..... :	PRE overspray	M-LPOST
Date applied [mm/dd/yy] ..... :	04/02/10	05/03/10
Time [hh:mm-hh:mm]..... :	10:30-10:40A	11:30-11:45A
Incorporation equip./Depth:..... :	N/A	N/A
Air/Soil temperature [F] ..... :	74/62	79/72
Relative humidity [%]..... :	83	83
Wind [mph, direction] ..... :	5-8,S	4-5,E
Weather [sunny, etc] ..... :	sunny	sunny
Soil/Leaf surface moist..... :	dry/N/A	wet/dry
Crop stage/Height ..... :	N/A	3-4lf/3-6"
Sprayer type/MPH..... :	CO_2BkPk/3	CO_2BkPk/3
Nozzle type/Size* ..... :	AMFF/110015	AMFF/110015
Boom ht/# Noz/Spacing ..... :	15/5/15	15/5/15
GPA/PSI ..... :	15/22	15/25
Applied by..... :	JCF	EPW

Weed Species (population)..... :	---------- (height/#leaves) ----------
BRAPP(200-300m^{-2}) ..... :	¼-3"/1-4lf
ECHCG(75-100m^{-2})..... :	¼-2"/1-3lf

Flush Dates ..... :	4/7, 4/15, 4/29, 5/13
Permanent Flood..... :	5/27

*AMFF – Air mix flat fan nozzles

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School of Plant, Environmental and Soil Sciences

Ricestar HT with 1X and 2X Rates of Choice, Quest, and Alliance

Trial ID: C10-13 Protocol ID: C10-13
Location: RRS-Crowley, LA Study Director:
Investigator: Eric P. Webster

Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	1	2	3	4	5
Pest Code							BRAPP	BRAPP	BRAPP	BRAPP	ECHCG
Rating Date							18/5/10	24/5/10	7/6/10	21/6/10	18/5/10
Rating Data Type							Control	Control	Control	Control	Control
Rating Unit							%	%	%	%	%
Trt-Eval Interval							15 da MPOST	21 da MPOST	35 da MPOST	49 da MPOST	15 da MPOST
1	Command	0.2	LB A/A	8.5	FL OZ/A	PRE	87 a	97 a	89 a	89 a	90 a
	Ricestar HT	0.077	LB A/A	17	FL OZ/A	M-LPOST					
	Agridex	1	% V/V	19.2	FL OZ/A	M-LPOST					
2	Command	0.2	LB A/A	8.5	FL OZ/A	PRE	92 a	97 a	89 a	83 b	92 a
	Ricestar HT	0.077	LB A/A	17	FL OZ/A	M-LPOST					
	Choice	0.417	% V/V	8	FL OZ/A	M-LPOST					
	Agridex	1	% V/V	19.2	FL OZ/A	M-LPOST					
3	Command	0.2	LB A/A	8.5	FL OZ/A	PRE	81 a	97 a	90 a	89 a	87 a
	Ricestar HT	0.077	LB A/A	17	FL OZ/A	M-LPOST					
	Choice	0.83	% V/V	16	FL OZ/A	M-LPOST					
	Agridex	1	% V/V	19.2	FL OZ/A	M-LPOST					
4	Command	0.2	LB A/A	8.5	FL OZ/A	PRE	85 a	98 a	90 a	85 ab	92 a
	Ricestar HT	0.077	LB A/A	17	FL OZ/A	M-LPOST					
	Quest	0.25	% V/V	4.8	FL OZ/A	M-LPOST					
	Agridex	1	% V/V	19.2	FL OZ/A	M-LPOST					
5	Command	0.2	LB A/A	8.5	FL OZ/A	PRE	86 a	97 a	90 a	88 ab	91 a
	Ricestar HT	0.077	LB A/A	17	FL OZ/A	M-LPOST					
	Quest	0.5	% V/V	9.6	FL OZ/A	M-LPOST					
	Agridex	1	% V/V	19.2	FL OZ/A	M-LPOST					
6	Command	0.2	LB A/A	8.5	FL OZ/A	PRE	84 a	97 a	90 a	86 ab	89 a
	Ricestar HT	0.077	LB A/A	17	FL OZ/A	M-LPOST					
	Alliance	1.25	% V/V	24	FL OZ/A	M-LPOST					
	Agridex	1	% V/V	19.2	FL OZ/A	M-LPOST					
7	Command	0.2	LB A/A	8.5	FL OZ/A	PRE	83 a	97 a	90 a	84 ab	90 a
	Ricestar HT	0.077	LB A/A	17	FL OZ/A	M-LPOST					
	Alliance	2.5	% V/V	48	FL OZ/A	M-LPOST					
	Agridex	1	% V/V	19.2	FL OZ/A	M-LPOST					
8	Command	0.2	LB A/A	8.5	FL OZ/A	PRE	80 a	97 a	88 a	85 ab	87 a
	Ricestar HT	0.077	LB A/A	17	FL OZ/A	M-LPOST					
	AMS	1.99	LB A/A	2	LB/A	M-LPOST					
	Agridex	1	% V/V	19.2	FL OZ/A	M-LPOST					
9	Command	0.2	LB A/A	8.5	FL OZ/A	PRE	0 b	0 b	0 b	0 c	0 b
	Nontreated										
LSD (P=.05)							12.2	2.1	3.1	5.6	6.6
Standard Deviation							8.4	1.4	2.1	3.8	4.5
CV							11.11	1.63	2.66	5.0	5.65
Grand Mean							75.19	86.44	79.44	76.39	79.69

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Pest Code							ECHCG	ECHCG	ECHCG	INJURY	INJURY
Rating Date							24/5/10	7/6/10	21/6/10	18/5/10	24/5/10
Rating Data Type							Control	Control	Control		
Rating Unit							%	%	%	%	%
Trt-Eval Interval							21 da MPOST	35 da MPOST	49 da MPOST	15 da MPOST	21 da MPOST
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	6	7	8	9	10
1	Command	0.2	LB A/A	8.5	FL OZ/A	PRE	97 a	89 a	84 ab	0 a	0 a
	Ricestar HT	0.077	LB A/A	17	FL OZ/A	M-LPOST					
	Agridex	1	% V/V	19.2	FL OZ/A	M-LPOST					
2	Command	0.2	LB A/A	8.5	FL OZ/A	PRE	97 a	86 a	81 ab	0 a	0 a
	Ricestar HT	0.077	LB A/A	17	FL OZ/A	M-LPOST					
	Choice	0.417	% V/V	8	FL OZ/A	M-LPOST					
	Agridex	1	% V/V	19.2	FL OZ/A	M-LPOST					
3	Command	0.2	LB A/A	8.5	FL OZ/A	PRE	97 a	90 a	84 ab	0 a	0 a
	Ricestar HT	0.077	LB A/A	17	FL OZ/A	M-LPOST					
	Choice	0.83	% V/V	16	FL OZ/A	M-LPOST					
	Agridex	1	% V/V	19.2	FL OZ/A	M-LPOST					
4	Command	0.2	LB A/A	8.5	FL OZ/A	PRE	97 a	89 a	84 ab	0 a	0 a
	Ricestar HT	0.077	LB A/A	17	FL OZ/A	M-LPOST					
	Quest	0.25	% V/V	4.8	FL OZ/A	M-LPOST					
	Agridex	1	% V/V	19.2	FL OZ/A	M-LPOST					
5	Command	0.2	LB A/A	8.5	FL OZ/A	PRE	96 a	90 a	85 a	0 a	0 a
	Ricestar HT	0.077	LB A/A	17	FL OZ/A	M-LPOST					
	Quest	0.5	% V/V	9.6	FL OZ/A	M-LPOST					
	Agridex	1	% V/V	19.2	FL OZ/A	M-LPOST					
6	Command	0.2	LB A/A	8.5	FL OZ/A	PRE	97 a	88 a	83 ab	0 a	0 a
	Ricestar HT	0.077	LB A/A	17	FL OZ/A	M-LPOST					
	Alliance	1.25	% V/V	24	FL OZ/A	M-LPOST					
	Agridex	1	% V/V	19.2	FL OZ/A	M-LPOST					
7	Command	0.2	LB A/A	8.5	FL OZ/A	PRE	97 a	90 a	81 ab	0 a	0 a
	Ricestar HT	0.077	LB A/A	17	FL OZ/A	M-LPOST					
	Alliance	2.5	% V/V	48	FL OZ/A	M-LPOST					
	Agridex	1	% V/V	19.2	FL OZ/A	M-LPOST					
8	Command	0.2	LB A/A	8.5	FL OZ/A	PRE	97 a	89 a	79 b	0 a	0 a
	Ricestar HT	0.077	LB A/A	17	FL OZ/A	M-LPOST					
	AMS	1.99	LB A/A	2	LB/A	M-LPOST					
	Agridex	1	% V/V	19.2	FL OZ/A	M-LPOST					
9	Command	0.2	LB A/A	8.5	FL OZ/A	PRE	0 b	0 b	0 c	0 a	0 a
	Nontreated										
LSD (P=.05)							2.3	4.0	5.0	0.0	0.0
Standard Deviation							1.6	2.8	3.4	0.0	0.0
CV							1.84	3.5	4.67	0.0	0.0
Grand Mean							86.03	78.89	73.33	0.0	0.0

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Pest Code							INJURY	INJURY		
Rating Date							7/6/10	21/6/10	10/8/10	10/8/10
Rating Data Type									Yield @ 12%	Avg. Height
Rating Unit							%	%	lb/Acre	cm
Trt-Eval Interval							35 da MPOST	49 da MPOST	Harvest	Harvest
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	11	12	15	18
1	Command	0.2	LB A/A	8.5	FL OZ/A	PRE	0 a	0 a	4357 abc	81 b
	Ricestar HT	0.077	LB A/A	17	FL OZ/A	M-LPOST				
	Agridex	1	% V/V	19.2	FL OZ/A	M-LPOST				
2	Command	0.2	LB A/A	8.5	FL OZ/A	PRE	0 a	0 a	4228 abc	88 a
	Ricestar HT	0.077	LB A/A	17	FL OZ/A	M-LPOST				
	Choice	0.417	% V/V	8	FL OZ/A	M-LPOST				
	Agridex	1	% V/V	19.2	FL OZ/A	M-LPOST				
3	Command	0.2	LB A/A	8.5	FL OZ/A	PRE	0 a	0 a	4926 a	88 ab
	Ricestar HT	0.077	LB A/A	17	FL OZ/A	M-LPOST				
	Choice	0.83	% V/V	16	FL OZ/A	M-LPOST				
	Agridex	1	% V/V	19.2	FL OZ/A	M-LPOST				
4	Command	0.2	LB A/A	8.5	FL OZ/A	PRE	0 a	0 a	4004 bc	84 ab
	Ricestar HT	0.077	LB A/A	17	FL OZ/A	M-LPOST				
	Quest	0.25	% V/V	4.8	FL OZ/A	M-LPOST				
	Agridex	1	% V/V	19.2	FL OZ/A	M-LPOST				
5	Command	0.2	LB A/A	8.5	FL OZ/A	PRE	0 a	0 a	3638 c	86 ab
	Ricestar HT	0.077	LB A/A	17	FL OZ/A	M-LPOST				
	Quest	0.5	% V/V	9.6	FL OZ/A	M-LPOST				
	Agridex	1	% V/V	19.2	FL OZ/A	M-LPOST				
6	Command	0.2	LB A/A	8.5	FL OZ/A	PRE	0 a	0 a	4667 ab	87 ab
	Ricestar HT	0.077	LB A/A	17	FL OZ/A	M-LPOST				
	Alliance	1.25	% V/V	24	FL OZ/A	M-LPOST				
	Agridex	1	% V/V	19.2	FL OZ/A	M-LPOST				
7	Command	0.2	LB A/A	8.5	FL OZ/A	PRE	0 a	0 a	3959 bc	88 a
	Ricestar HT	0.077	LB A/A	17	FL OZ/A	M-LPOST				
	Alliance	2.5	% V/V	48	FL OZ/A	M-LPOST				
	Agridex	1	% V/V	19.2	FL OZ/A	M-LPOST				
8	Command	0.2	LB A/A	8.5	FL OZ/A	PRE	0 a	0 a	4122 abc	83 ab
	Ricestar HT	0.077	LB A/A	17	FL OZ/A	M-LPOST				
	AMS	1.99	LB A/A	2	LB/A	M-LPOST				
	Agridex	1	% V/V	19.2	FL OZ/A	M-LPOST				
9	Command	0.2	LB A/A	8.5	FL OZ/A	PRE	0 a	0 a	0 d	66 c
	Nontreated									
LSD (P=.05)							0.0	0.0	898.9	6.9
Standard Deviation							0.0	0.0	615.9	4.7
CV							0.0	0.0	16.35	5.64
Grand Mean							0.0	0.0	3766.79	83.25

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Pendimethalin and Clomazone with Safeguard on Water-seeded Rice

Experiment number..... : **C10-14**
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
Planting date ..... : 4/1/10
Harvest date..... : N/A
Crop/Variety ..... : CL131
Emergence date..... : 4/19/10
Uniform std. treatment..... : N/A

Application type..... : Pegging
Date applied [mm/dd/yy] ..... : 04/27/10
Time [hh:mm-hh:mm]..... : 11:55-12:05P
Incorporation equip./Depth:..... : N/A
Air/Soil temperature [F] ..... : 78/75
Relative humidity [%]..... : 55
Wind [mph, direction] ..... : 5-7,N
Weather [sunny, etc] ..... : sunny
Soil/Leaf surface moist..... : dry/dry
Crop stage/Height ..... : pegging/1-2"
Sprayer type/MPH..... : CO_2BkPk/3
Nozzle type/Size* ..... : AMFF/110015
Boom ht/# Noz/Spacing ..... : 15/5/15
GPA/PSI ..... : 15/25
Applied by..... : JBH

Weed Species (population)..... :---------- (height/#leaves) ----------
BRAPP(75-100m^{-2}) ..... : ¼-½"/1-2lf
ECHCG(100-200m^{-2})..... : ¼-1"/1-4lf

Flush Dates ..... : 4/7, 4/15, 4/29, 5/13
Permanent Flood..... : 5/27

*AMFF – Air mix flat fan nozzles

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School of Plant, Environmental and Soil Sciences

Pendimethalin and Clomazone with Safeguard on Water-seeded Rice

Trial ID: C10-14 Protocol ID: C10-14
Location: RRS-Crowley, LA Study Director:
Investigator: Eric P. Webster

Pest Code							BRAPP	BRAPP	BRAPP	BRAPP	ECHCG	ECHCG	ECHCG	ECHCG
Rating Date							19/5/10	24/5/10	7/6/10	21/6/10	19/5/10	24/5/10	7/6/10	21/6/10
Rating Data Type							Control	Control	Control	Control	Control	Control	Control	Control
Rating Unit							%	%	%	%	%	%	%	%
Trt-Eval Interval							22 DAT	27 DAT	41 DAT	55 DAT	22 DAT	27 DAT	41 DAT	55 DAT
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	1	2	3	4	5	6	7	8
1	Prowl	1	LB A/A	2.4	PT/A	PEGGING	98 a	98 a	98 a	90 ab	74 b	33 c	64 a	0 a
	Safeguard	1.67	LB A/A	1.6	PT/A	PEGGING								
2	Prowl	1	LB A/A	2.4	PT/A	PEGGING	98 a	98 a	98 a	93 a	75 b	41 bc	62 a	0 a
3	Prowl H2O	1	LB A/A	2.1	PT/A	PEGGING	98 a	98 a	98 a	91 a	80 ab	0 c	49 a	0 a
	Safeguard	1.67	LB A/A	1.6	PT/A	PEGGING								
4	Prowl H2O	1	LB A/A	2.1	PT/A	PEGGING	98 a	98 a	98 a	89 ab	78 ab	19 c	62 a	0 a
5	Command	0.3	LB A/A	0.8	PT/A	PEGGING	98 a	98 a	98 a	88 ab	89 a	81 ab	83 a	0 a
	Safeguard	1.67	LB A/A	1.6	PT/A	PEGGING								
6	Command	0.3	LB A/A	0.8	PT/A	PEGGING	98 a	98 a	98 a	85 b	85 ab	84 a	82 a	0 a
7	Nontreated						0 b	0 b	0 b	0 c	0 c	0 c	0 b	0 a
LSD (P=.05)							0.0	0.0	0.0	5.5	12.6	41.8	36.3	0.0
Standard Deviation							0.0	0.0	0.0	3.7	8.5	28.1	24.4	0.0
CV							0.0	0.0	0.0	4.82	12.37	76.42	42.69	0.0
Grand Mean							84.0	84.0	84.0	76.43	68.68	36.79	57.18	0.0

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Pest Code							INJURY	INJURY	INJURY
Rating Date							19/5/10	24/5/10	21/6/10
Rating Data Type									
Rating Unit							%	%	%
Trt-Eval Interval							22 DAT	27 DAT	55 DAT
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	9	10	11
1	Prowl	1	LB A/A	2.4	PT/A	PEGGING	0 a	0 a	0 a
	Safeguard	1.67	LB A/A	1.6	PT/A	PEGGING			
2	Prowl	1	LB A/A	2.4	PT/A	PEGGING	0 a	0 a	0 a
3	Prowl H2O	1	LB A/A	2.1	PT/A	PEGGING	0 a	0 a	0 a
	Safeguard	1.67	LB A/A	1.6	PT/A	PEGGING			
4	Prowl H2O	1	LB A/A	2.1	PT/A	PEGGING	0 a	0 a	0 a
5	Command	0.3	LB A/A	0.8	PT/A	PEGGING	0 a	0 a	0 a
	Safeguard	1.67	LB A/A	1.6	PT/A	PEGGING			
6	Command	0.3	LB A/A	0.8	PT/A	PEGGING	0 a	0 a	0 a
7	Nontreated						0 a	0 a	0 a
LSD (P=.05)							0.0	0.0	0.0
Standard Deviation							0.0	0.0	0.0
CV							0.0	0.0	0.0
Grand Mean							0.0	0.0	0.0

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Evaluation of SuperWHAM! DF on Rice in Louisiana

Experiment number..... : **C10-15**
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
Planting date ..... : 4/1/10
Harvest date..... : N/A
Crop/Variety ..... : CL131
Emergence date..... : 4/19/10
Uniform std. treatment..... : N/A

Application type..... : E-MPOST
Date applied [mm/dd/yy] ..... : 04/26/10
Time [hh:mm-hh:mm]..... : 1:00-1:15P
Incorporation equip./Depth:..... : N/A
Air/Soil temperature [F] ..... : 83/73
Relative humidity [%]..... : 53
Wind [mph, direction] ..... : 4-7,W
Weather [sunny, etc] ..... : sunny
Soil/Leaf surface moist..... : dry/dry
Crop stage/Height ..... : 1-2lf/2-3"
Sprayer type/MPH..... : CO_2BkPk/3
Nozzle type/Size* ..... : AMFF/110015
Boom ht/# Noz/Spacing ..... : 15/5/15
GPA/PSI ..... : 15/25
Applied by..... : JBH

Weed Species (population)..... :---------- (height/#leaves) ----------
BRAPP(200-400m^{-2}) ..... : ½-2"/1-4lf
CYPIR(400-600m^{-2})..... : ½-1"/3-4lf
ECHCG(80-150m^{-2})……. ..... : ½-2"/1-4lf
SEBEX(5-10m^{-2})..... : 1-2"/1-2lf

Flush Dates ..... : 4/7, 4/15, 4/29, 5/13
Permanent Flood..... : 5/27

*AMFF – Air mix flat fan nozzles

Comments: SuperWham DF does not go into solution well; too much product to dissolve.

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Evaluation of SuperWHAM! DF on Rice in Louisiana

Trial ID: C10-15 Protocol ID: C10-15
Location: RRS-Crowley, LA Study Director:
Investigator: Eric P. Webster

Pest Code							BRAPP	BRAPP	BRAPP	ECHCG	ECHCG	ECHCG	SEBEX	SEBEX
Rating Date							19/5/10	24/5/10	8/6/10	19/5/10	24/5/10	8/6/10	19/5/10	24/5/10
Rating Data Type							Control	Control	Control	Control	Control	Control	Control	Control
Rating Unit							%	%	%	%	%	%	%	%
Trt-Eval Interval							23 DAT	28 DAT	43 DAT	23 DAT	28 DAT	43 DAT	23 DAT	28 DAT
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	1	2	3	4	5	6	7	8
1	SuperWham	3	LB A/A	5	LB/A	E - MIDPOST	58 c	68 c	23 bc	78 a	68 c	23 bc	93 a	97 a
	Agridex	1	% V/V	1	% V/V	E - MIDPOST								
2	SuperWham	4	LB A/A	6.7	LB/A	E - MIDPOST	63 bc	80 a	26 ab	75 a	79 a	26 ab	92 a	98 a
	Agridex	1	% V/V	1	% V/V	E - MIDPOST								
3	SuperWham	5	LB A/A	8.3	LB/A	E - MIDPOST	71 ab	80 a	29 a	84 a	80 a	29 a	89 a	96 a
	Agridex	1	% V/V	1	% V/V	E - MIDPOST								
4	SuperWham	3	LB A/A	3	QT/A	E - MIDPOST	65 bc	74 b	20 c	71 a	73 bc	20 c	94 a	97 a
	Agridex	1	% V/V	1	% V/V	E - MIDPOST								
5	SuperWham	4	LB A/A	4	QT/A	E - MIDPOST	63 bc	78 ab	20 c	78 a	78 ab	20 c	93 a	98 a
	Agridex	1	% V/V	1	% V/V	E - MIDPOST								
6	SuperWham	5	LB A/A	5	QT/A	E - MIDPOST	79 a	81 a	25 abc	84 a	81 a	25 abc	94 a	98 a
	Agridex	1	% V/V	1	% V/V	E - MIDPOST								
7	Nontreated						0 d	0 d	0 d	0 b	0 d	0 d	0 b	0 b
LSD (P=.05)							12.3	5.5	5.8	13.3	5.2	5.8	6.1	2.5
Standard Deviation							8.3	3.7	3.9	8.9	3.5	3.9	4.1	1.7
CV							14.56	5.61	19.14	13.35	5.39	19.14	5.18	2.0
Grand Mean							56.79	65.71	20.36	66.96	65.36	20.36	79.14	83.29

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Pest Code							SEBEX	CYPIR	CYPIR	CYPIR	INJURY	INJURY	INJURY
Rating Date							8/6/10	19/5/10	24/5/10	8/6/10	19/5/10	24/5/10	8/6/10
Rating Data Type							Control	Control	Control	Control			
Rating Unit							%	%	%	%	%	%	%
Trt-Eval Interval							43 DAT	23 DAT	28 DAT	43 DAT	23 DAT	28 DAT	43 DAT
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	9	10	11	12	13	14	15
1	SuperWham	3	LB A/A	5	LB/A	E - MIDPOST	91 a	73 c	65 c	23 a	1 a	0 a	0 a
	Agridex	1	% V/V	1	% V/V	E - MIDPOST							
2	SuperWham	4	LB A/A	6.7	LB/A	E - MIDPOST	89 a	83 ab	76 a	20 ab	3 a	0 a	0 a
	Agridex	1	% V/V	1	% V/V	E - MIDPOST							
3	SuperWham	5	LB A/A	8.3	LB/A	E - MIDPOST	89 a	86 a	75 ab	20 ab	4 a	0 a	0 a
	Agridex	1	% V/V	1	% V/V	E - MIDPOST							
4	SuperWham	3	LB A/A	3	QT/A	E - MIDPOST	89 a	74 bc	69 c	18 b	4 a	0 a	0 a
	Agridex	1	% V/V	1	% V/V	E - MIDPOST							
5	SuperWham	4	LB A/A	4	QT/A	E - MIDPOST	88 a	83 ab	70 bc	18 b	4 a	0 a	0 a
	Agridex	1	% V/V	1	% V/V	E - MIDPOST							
6	SuperWham	5	LB A/A	5	QT/A	E - MIDPOST	89 a	80 abc	75 ab	20 ab	3 a	0 a	0 a
	Agridex	1	% V/V	1	% V/V	E - MIDPOST							
7	Nontreated						0 b	0 d	0 d	0 c	0 a	0 a	0 a
LSD (P=.05)							6.2	9.2	6.1	4.4	4.8	0.0	0.0
Standard Deviation							4.1	6.2	4.1	3.0	3.2	0.0	0.0
CV							5.43	9.11	6.67	17.6	128.48	0.0	0.0
Grand Mean							76.25	68.21	61.43	16.79	2.5	0.0	0.0

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Efficacy of RiceEdge

Experiment number	**C10-16**
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
Planting date	4/1/10
Harvest date	N/A
Crop/Variety	CL131
Emergence date	4/19/10
Uniform std. treatment	N/A

Application type	PRE-overspray	LPOST
Date applied [mm/dd/yy]	04/02/10	05/11/10
Time [hh:mm-hh:mm]	10:05-10:10A	9:25-9:40A
Incorporation equip./Depth:	N/A	N/A
Air/Soil temperature [F]	73/62	79/78
Relative humidity [%]	83	84
Wind [mph, direction]	5-7,S	4-5, S
Weather [sunny, etc]	sunny	pt.cloudy
Soil/Leaf surface moist	dry/N/A	dry/dry
Crop stage/Height	N/A	N/A
Sprayer type/MPH	CO_2BkPk/3	CO_2BkPk/3
Nozzle type/Size*	AMFF/110015	AMFF/110015
Boom ht/# Noz/Spacing	15/5/15	15/5/15
GPA/PSI	15/22	15/24
Applied by	EPW	EPW

Weed Species (population)	(height/#leaves)
BRAPP (100-150 m^{-2})	½ -3"/2-4lf
ECHCG (50-75 m^{-2})	½-3"/2-4lf
CYPES (10-20 m^{-2})	6-12"/4-8lf
SEBEX (10-20 m^{-2})	3-6"/3-6lf
AESIN (3-5 m^{-2})	3-5"/3-5lf
ALRPH (3-5 m^{-2})	6-15"/6-12lf
CYPIR (150-200 m^{-2})	2-6"/3-6lf

Flush Dates	4/7, 4/15, 4/29, 5/13
Permanent Flood	5/27

*AMFF – Air mix flat fan nozzles

Comments: SuperWham DF and RiceEdge DF do not go into solution well; too much product to dissolve.

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School of Plant, Environmental and Soil Sciences

Efficacy of RiceEdge

Trial ID: C10-16 Protocol ID: C10-16
Location: RRS-Crowley, LA Study Director:
Investigator: Eric P. Webster

Pest Code							BRAPP	BRAPP	BRAPP	BRAPP	ECHCG	ECHCG	ECHCG	ECHCG
Rating Date							21/5/10	26/5/10	8/6/10	22/6/10	21/5/10	26/5/10	8/6/10	22/6/10
Rating Data Type							Control	Control	Control	Control	Control	Control	Control	Control
Rating Unit							%	%	%	%	%	%	%	%
Trt-Eval Interval							10 DAT	15 DAT	28 DAT	42 DAT	10 DAT	15 DAT	28 DAT	42 DAT
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	1	2	3	4	5	6	7	8
1	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	95 ab	98 a	90 a	89 a	93 ab	98 a	83 d	30 ef
	SuperWham	3	LB A/A	5	LB/A	MIDPOST								
	Agridex	1	% V/V	1	% V/V	MIDPOST								
2	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	93 ab	98 a	90 a	84 abc	93 ab	98 a	88 abc	40 cd
	SuperWham	4	LB A/A	6.7	LB/A	MIDPOST								
	Agridex	1	% V/V	1	% V/V	MIDPOST								
3	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	95 a	98 a	90 a	83 bc	94 ab	98 a	90 a	45 c
	SuperWham	5	LB A/A	8.3	LB/A	MIDPOST								
	Agridex	1	% V/V	1	% V/V	MIDPOST								
4	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	81 d	70 b	20 b	10 d	83 d	70 c	20 e	10 g
	Permit	0.0234	LB A/A	0.5	OZ WT/A	MIDPOST								
	Agridex	1	% V/V	1	% V/V	MIDPOST								
5	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	84 cd	71 b	20 b	10 d	86 cd	75 b	20 e	10 g
	Permit	0.0314	LB A/A	0.67	OZ WT/A	MIDPOST								
	Agridex	1	% V/V	1	% V/V	MIDPOST								
6	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	89 bc	71 b	23 b	10 d	90 bc	76 b	20 e	10 g
	Permit	0.039	LB A/A	0.83	OZ WT/A	MIDPOST								
	Agridex	1	% V/V	1	% V/V	MIDPOST								
7	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	97 a	97 a	90 a	84 abc	95 ab	95 a	85 bcd	35 de
	RiceEdge	3	LB A/A	5	LB/A	MIDPOST								
	Agridex	1	% V/V	1	% V/V	MIDPOST								
8	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	96 a	98 a	91 a	85 ab	96 a	98 a	86 a-d	35 de
	RiceEdge	4	LB A/A	6.7	LB/A	MIDPOST								
	Agridex	1	% V/V	1	% V/V	MIDPOST								
9	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	96 a	98 a	91 a	84 abc	97 a	98 a	88 abc	58 b
	RiceEdge	5	LB A/A	8.3	LB/A	MIDPOST								
	Agridex	1	% V/V	1	% V/V	MIDPOST								
10	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	96 a	97 a	90 a	88 ab	97 a	97 a	84 cd	40 cd
	RiceEdge	3.02	LB A/A	3	QT/A	MIDPOST								
	Agridex	1	% V/V	1	% V/V	MIDPOST								
11	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	96 a	98 a	90 a	79 c	96 a	98 a	89 ab	60 b
	RiceEdge	4.03	LB A/A	4	QT/A	MIDPOST								
	Agridex	1	% V/V	1	% V/V	MIDPOST								
12	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	96 a	98 a	91 a	85 ab	95 ab	98 a	88 abc	75 a
	RiceEdge	5.04	LB A/A	5	QT/A	MIDPOST								
	Agridex	1	% V/V	1	% V/V	MIDPOST								
13	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	96 a	97 a	90 a	84 abc	95 ab	97 a	90 a	25 f
	Duet	4.03	LB A/A	4	QT/A	MIDPOST								
	Agridex	1	% V/V	1	% V/V	MIDPOST								
14	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	0 e	0 c	0 c	0 e	0 e	0 d	0 f	0 h
	Nontreated													
LSD (P=.05)							5.8	1.7	2.6	5.0	5.7	3.3	4.4	9.0
Standard Deviation							4.1	1.2	1.8	3.5	4.0	2.3	3.1	6.3
CV							4.71	1.43	2.61	5.64	4.65	2.74	4.64	18.71
Grand Mean							86.21	85.02	69.02	62.32	86.25	85.5	66.34	33.75

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Pest Code							CYPES	CYPES	CYPES	CYPES	CYPIR	CYPIR	SEBEX	SEBEX
Rating Date							21/5/10	26/5/10	8/6/10	22/6/10	21/5/10	8/6/10	21/5/10	26/5/10
Rating Data Type							Control	Control	Control	Control	Control	Control	Control	Control
Rating Unit							%	%	%	%	%	%	%	%
Trt-Eval Interval							10 DAT	15 DAT	28 DAT	42 DAT	10 DAT	28 DAT	10 DAT	15 DAT
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	9	10	11	12	13	14	15	16
1	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	18 d	10 e	10 e	0 d	30 d	10 g	97 a	98 a
	SuperWham	3	LB A/A	5	LB/A	MIDPOST								
	Agridex	1	% V/V	1	% V/V	MIDPOST								
2	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	20 d	10 e	10 e	0 d	25 d	10 g	98 a	98 a
	SuperWham	4	LB A/A	6.7	LB/A	MIDPOST								
	Agridex	1	% V/V	1	% V/V	MIDPOST								
3	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	18 d	10 e	10 e	0 d	25 d	10 g	98 a	98 a
	SuperWham	5	LB A/A	8.3	LB/A	MIDPOST								
	Agridex	1	% V/V	1	% V/V	MIDPOST								
4	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	25 d	58 d	88 a	55 b	25 d	93 ab	55 b	78 c
	Permit	0.0234	LB A/A	0.5	OZ WT/A	MIDPOST								
	Agridex	1	% V/V	1	% V/V	MIDPOST								
5	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	43 c	65 c	88 a	75 a	43 c	90 ab	54 b	88 b
	Permit	0.0314	LB A/A	0.67	OZ WT/A	MIDPOST								
	Agridex	1	% V/V	1	% V/V	MIDPOST								
6	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	63 b	71 bc	90 a	73 a	70 b	95 a	97 a	97 a
	Permit	0.039	LB A/A	0.83	OZ WT/A	MIDPOST								
	Agridex	1	% V/V	1	% V/V	MIDPOST								
7	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	85 a	80 a	25 d	10 d	79 ab	40 e	98 a	97 a
	RiceEdge	3	LB A/A	5	LB/A	MIDPOST								
	Agridex	1	% V/V	1	% V/V	MIDPOST								
8	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	88 a	79 a	28 d	25 c	83 a	55 d	98 a	98 a
	RiceEdge	4	LB A/A	6.7	LB/A	MIDPOST								
	Agridex	1	% V/V	1	% V/V	MIDPOST								
9	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	80 a	79 a	50 c	60 b	81 ab	69 c	98 a	98 a
	RiceEdge	5	LB A/A	8.3	LB/A	MIDPOST								
	Agridex	1	% V/V	1	% V/V	MIDPOST								
10	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	85 a	78 ab	23 d	30 c	88 a	30 f	98 a	97 a
	RiceEdge	3.02	LB A/A	3	QT/A	MIDPOST								
	Agridex	1	% V/V	1	% V/V	MIDPOST								
11	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	85 a	80 a	30 d	30 c	85 a	45 e	98 a	98 a
	RiceEdge	4.03	LB A/A	4	QT/A	MIDPOST								
	Agridex	1	% V/V	1	% V/V	MIDPOST								
12	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	89 a	81 a	70 b	35 c	89 a	85 b	98 a	98 a
	RiceEdge	5.04	LB A/A	5	QT/A	MIDPOST								
	Agridex	1	% V/V	1	% V/V	MIDPOST								
13	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	43 c	53 d	13 e	10 d	53 c	13 g	98 a	97 a
	Duet	4.03	LB A/A	4	QT/A	MIDPOST								
	Agridex	1	% V/V	1	% V/V	MIDPOST								
14	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	0 e	0 f	0 f	0 d	0 e	0 h	0 c	0 d
	Nontreated													
LSD (P=.05)							9.8	7.0	8.8	10.3	11.9	9.8	9.2	8.9
Standard Deviation							6.9	4.9	6.1	7.2	8.3	6.8	6.5	6.2
CV							13.05	9.07	16.14	24.99	15.08	14.85	7.64	7.02
Grand Mean							52.77	53.75	38.04	28.75	55.27	45.98	84.61	88.63

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Pest Code							SEBEX	SEBEX	ALRPH	ALRPH	ALRPH	ALRPH	AESIN	AESIN
Rating Date							8/6/10	22/6/10	21/5/10	26/5/10	8/6/10	22/6/10	26/5/10	22/6/10
Rating Data Type							Control	Control	Control	Control	Control	Control	Control	Control
Rating Unit							%	%	%	%	%	%	%	%
Trt-Eval Interval							28 DAT	42 DAT	10 DAT	15 DAT	28 DAT	42 DAT	15 DAT	42 DAT
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	17	18	19	20	21	22	23	24
1	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	90 a	70 abc	55 cd	55 a	10 b	10 a	98 a	79 abc
	SuperWham	3	LB A/A	5	LB/A	MIDPOST								
	Agridex	1	% V/V	1	% V/V	MIDPOST								
2	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	89 a	66 abc	50 d	53 a	10 b	10 a	98 a	76 a-d
	SuperWham	4	LB A/A	6.7	LB/A	MIDPOST								
	Agridex	1	% V/V	1	% V/V	MIDPOST								
3	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	91 a	80 a	63 bcd	55 a	10 b	10 a	98 a	81 a
	SuperWham	5	LB A/A	8.3	LB/A	MIDPOST								
	Agridex	1	% V/V	1	% V/V	MIDPOST								
4	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	43 c	50 de	58 cd	60 a	10 b	10 a	80 c	65 d
	Permit	0.0234	LB A/A	0.5	OZ WT/A	MIDPOST								
	Agridex	1	% V/V	1	% V/V	MIDPOST								
5	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	48 c	48 e	63 bcd	55 a	10 b	10 a	88 bc	65 d
	Permit	0.0314	LB A/A	0.67	OZ WT/A	MIDPOST								
	Agridex	1	% V/V	1	% V/V	MIDPOST								
6	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	80 b	68 abc	58 cd	55 a	10 b	10 a	97 ab	75 a-d
	Permit	0.039	LB A/A	0.83	OZ WT/A	MIDPOST								
	Agridex	1	% V/V	1	% V/V	MIDPOST								
7	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	90 a	69 abc	63 bcd	64 a	10 b	10 a	97 a	75 a-d
	RiceEdge	3	LB A/A	5	LB/A	MIDPOST								
	Agridex	1	% V/V	1	% V/V	MIDPOST								
8	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	88 a	73 abc	65 abc	60 a	10 b	10 a	98 a	75 a-d
	RiceEdge	4	LB A/A	6.7	LB/A	MIDPOST								
	Agridex	1	% V/V	1	% V/V	MIDPOST								
9	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	90 a	66 abc	69 abc	64 a	10 b	10 a	98 a	69 bcd
	RiceEdge	5	LB A/A	8.3	LB/A	MIDPOST								
	Agridex	1	% V/V	1	% V/V	MIDPOST								
10	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	89 a	63 bcd	78 a	64 a	10 b	10 a	97 a	68 cd
	RiceEdge	3.02	LB A/A	3	QT/A	MIDPOST								
	Agridex	1	% V/V	1	% V/V	MIDPOST								
11	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	91 a	66 abc	73 ab	64 a	10 b	10 a	97 a	73 a-d
	RiceEdge	4.03	LB A/A	4	QT/A	MIDPOST								
	Agridex	1	% V/V	1	% V/V	MIDPOST								
12	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	90 a	60 cde	74 ab	64 a	10 b	10 a	98 a	70 a-d
	RiceEdge	5.04	LB A/A	5	QT/A	MIDPOST								
	Agridex	1	% V/V	1	% V/V	MIDPOST								
13	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	89 a	75 ab	58 cd	60 a	15 a	13 a	96 ab	80 ab
	Duet	4.03	LB A/A	4	QT/A	MIDPOST								
	Agridex	1	% V/V	1	% V/V	MIDPOST								
14	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	0 d	0 f	0 e	0 b	0 c	10 a	0 d	0 e
	Nontreated													
LSD (P=.05)							6.7	13.9	13.8	11.6	2.2	1.9	9.4	12.5
Standard Deviation							4.7	9.7	9.7	8.1	1.5	1.3	6.6	8.7
CV							6.17	15.98	16.47	14.69	16.0	13.13	7.46	12.89
Grand Mean							76.16	60.89	58.75	55.09	9.64	10.18	88.52	67.86

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Pest Code							INJURY	INJURY	INJURY	INJURY
Rating Date							21/5/10	26/5/10	8/6/10	22/6/10
Rating Data Type										
Rating Unit							%	%	%	%
Trt-Eval Interval							10 DAT	15 DAT	28 DAT	42 DAT
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	25	26	27	28
1	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	0 a	0 a	0 a	0 a
	SuperWham	3	LB A/A	5	LB/A	MIDPOST				
	Agridex	1	% V/V	1	% V/V	MIDPOST				
2	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	0 a	0 a	0 a	0 a
	SuperWham	4	LB A/A	6.7	LB/A	MIDPOST				
	Agridex	1	% V/V	1	% V/V	MIDPOST				
3	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	0 a	0 a	0 a	0 a
	SuperWham	5	LB A/A	8.3	LB/A	MIDPOST				
	Agridex	1	% V/V	1	% V/V	MIDPOST				
4	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	0 a	0 a	0 a	0 a
	Permit	0.0234	LB A/A	0.5	OZ WT/A	MIDPOST				
	Agridex	1	% V/V	1	% V/V	MIDPOST				
5	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	0 a	0 a	0 a	0 a
	Permit	0.0314	LB A/A	0.67	OZ WT/A	MIDPOST				
	Agridex	1	% V/V	1	% V/V	MIDPOST				
6	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	0 a	0 a	0 a	0 a
	Permit	0.039	LB A/A	0.83	OZ WT/A	MIDPOST				
	Agridex	1	% V/V	1	% V/V	MIDPOST				
7	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	0 a	0 a	0 a	0 a
	RiceEdge	3	LB A/A	5	LB/A	MIDPOST				
	Agridex	1	% V/V	1	% V/V	MIDPOST				
8	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	0 a	0 a	0 a	0 a
	RiceEdge	4	LB A/A	6.7	LB/A	MIDPOST				
	Agridex	1	% V/V	1	% V/V	MIDPOST				
9	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	0 a	0 a	0 a	0 a
	RiceEdge	5	LB A/A	8.3	LB/A	MIDPOST				
	Agridex	1	% V/V	1	% V/V	MIDPOST				
10	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	0 a	0 a	0 a	0 a
	RiceEdge	3.02	LB A/A	3	QT/A	MIDPOST				
	Agridex	1	% V/V	1	% V/V	MIDPOST				
11	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	0 a	0 a	0 a	0 a
	RiceEdge	4.03	LB A/A	4	QT/A	MIDPOST				
	Agridex	1	% V/V	1	% V/V	MIDPOST				
12	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	0 a	0 a	0 a	0 a
	RiceEdge	5.04	LB A/A	5	QT/A	MIDPOST				
	Agridex	1	% V/V	1	% V/V	MIDPOST				
13	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	0 a	0 a	0 a	0 a
	Duet	4.03	LB A/A	4	QT/A	MIDPOST				
	Agridex	1	% V/V	1	% V/V	MIDPOST				
14	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	0 a	0 a	0 a	0 a
	Nontreated									
LSD (P=.05)							0.0	0.0	0.0	0.0
Standard Deviation							0.0	0.0	0.0	0.0
CV							0.0	0.0	0.0	0.0
Grand Mean							0.0	0.0	0.0	0.0

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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RiceBeaux LPOST Following a Single PRE Application

Experiment number..... :	**C10-17**
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
Planting date ..... :	4/1/10
Harvest date..... :	8/10/10
Crop/Variety ..... :	CL131
Emergence date..... :	4/19/10
Uniform std. treatment..... :	N/A

Application type..... :	PRE	LPOST
Date applied [mm/dd/yy] ..... :	04/02/10	05/10/10
Time [hh:mm-hh:mm]..... :	8:00-8:05A	11:15-11:25A
Incorporation equip./Depth:..... :	N/A	N/A
Air/Soil temperature [F] ..... :	69/62	82/74
Relative humidity [%]..... :	82	77
Wind [mph, direction] ..... :	2,S	5-7, S
Weather [sunny, etc] ..... :	sunny	sunny
Soil/Leaf surface moist..... :	dry/N/A	dry/dry
Crop stage/Height ..... :	N/A	4-5lf/6-8"
Sprayer type/MPH..... :	CO_2BkPk/3	CO_2BkPk/3
Nozzle type/Size* ..... :	AMFF/110015	AMFF/110015
Boom ht/# Noz/Spacing ..... :	15/5/15	15/5/15
GPA/PSI ..... :	15/22	15/25
Applied by..... :	TPC	EPW

Weed Species (population)..... :	---------- (height/#leaves) ----------
BRAPP (150-200 m^{-2}) ..... :	2-4"/3-5lf
ECHCG (75-100 m^{-2})..... :	2-4"/3-5lf
SEBEX (5-10 m^{-2})…….. :	3-5"/3-5lf
AESIN (5-10 m^{-2})..... :	3-5"/3-5lf
ALRPH (3-5 m^{-2})..... :	6-12"/5-10lf

Flush Dates ..... :	4/7, 4/15, 4/29, 5/13
Permanent Flood..... :	5/27

*AMFF – Air mix flat fan nozzles

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RiceBeaux LPOST Following a Single PRE Application

Trial ID: C10-17 Protocol ID: C10-17
Location: RRS-Crowley, LA Study Director:
Investigator: Eric P. Webster

Pest Code							BRAPP	BRAPP	BRAPP	BRAPP	ECHCG
Rating Date							13/5/10	24/5/10	8/6/10	22/6/10	13/5/10
Rating Data Type							Control	Control	Control	Control	Control
Rating Unit							%	%	%	%	%
Trt-Eval Interval							3 da LPOST	14 da LPOST	29 da LPOST	43 da LPOST	3 da LPOST
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	1	2	3	4	5
1	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	88 b	50 b	45 d	20 c	90 c
2	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	91 b	95 a	94 ab	84 ab	94 b
	RiceBeaux	6	LB A/A	4	QT/A	LPOST					
3	Command	0.15	LB A/A	6.4	FL OZ/A	PRE	90 b	95 a	90 bc	83 ab	89 c
	Command	0.15	LB A/A	6.4	FL OZ/A	LPOST					
	RiceBeaux	6	LB A/A	4	QT/A	LPOST					
4	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	96 a	94 a	90 bc	79 b	97 a
	Facet	0.375	LB A/A	0.5	LB/A	PRE					
	Permit	0.047	LB A/A	1	OZ WT/A	PRE					
5	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	98 a	98 a	96 a	85 a	98 a
	Facet	0.375	LB A/A	0.5	LB/A	PRE					
	Permit	0.047	LB A/A	1	OZ WT/A	PRE					
	RiceBeaux	6	LB A/A	4	QT/A	LPOST					
6	Facet	0.375	LB A/A	0.5	LB/A	PRE	95 a	94 a	88 c	81 ab	97 ab
	Permit	0.047	LB A/A	1	OZ WT/A	PRE					
7	Facet	0.375	LB A/A	0.5	LB/A	PRE	98 a	98 a	95 a	85 a	98 a
	Permit	0.047	LB A/A	1	OZ WT/A	PRE					
	RiceBeaux	6	LB A/A	4	QT/A	LPOST					
8	Nontreated						0 c	0 c	0 e	0 d	0 d
LSD (P=.05)							3.8	4.6	4.0	6.2	3.2
Standard Deviation							2.6	3.1	2.7	4.2	2.2
CV							3.13	3.99	3.62	6.53	2.6
Grand Mean							81.81	77.94	74.63	64.53	82.78

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Pest Code							ECHCG	ECHCG	ECHCG	SEBEX	SEBEX
Rating Date							24/5/10	8/6/10	22/6/10	13/5/10	24/5/10
Rating Data Type							Control	Control	Control	Control	Control
Rating Unit							%	%	%	%	%
Trt-Eval Interval							14 da LPOST	29 da LPOST	43 da LPOST	3 da LPOST	14 da LPOST
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	6	7	8	9	10
1	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	75 b	40 d	23 cd	10 d	10 b
2	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	95 a	91 a	33 bc	53 c	97 a
	RiceBeaux	6	LB A/A	4	QT/A	LPOST					
3	Command	0.15	LB A/A	6.4	FL OZ/A	PRE	95 a	80 b	38 b	63 b	98 a
	Command	0.15	LB A/A	6.4	FL OZ/A	LPOST					
	RiceBeaux	6	LB A/A	4	QT/A	LPOST					
4	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	96 a	80 b	30 bcd	96 a	94 a
	Facet	0.375	LB A/A	0.5	LB/A	PRE					
	Permit	0.047	LB A/A	1	OZ WT/A	PRE					
5	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	98 a	96 a	78 a	97 a	98 a
	Facet	0.375	LB A/A	0.5	LB/A	PRE					
	Permit	0.047	LB A/A	1	OZ WT/A	PRE					
	RiceBeaux	6	LB A/A	4	QT/A	LPOST					
6	Facet	0.375	LB A/A	0.5	LB/A	PRE	95 a	70 c	20 d	96 a	97 a
	Permit	0.047	LB A/A	1	OZ WT/A	PRE					
7	Facet	0.375	LB A/A	0.5	LB/A	PRE	98 a	95 a	78 a	95 a	98 a
	Permit	0.047	LB A/A	1	OZ WT/A	PRE					
	RiceBeaux	6	LB A/A	4	QT/A	LPOST					
8	Nontreated						0 c	0 e	0 e	0 e	0 c
LSD (P=.05)							3.9	7.4	12.5	5.9	4.8
Standard Deviation							2.6	5.0	8.5	4.0	3.3
CV							3.24	7.29	22.84	6.32	4.42
Grand Mean							81.5	69.0	37.19	63.66	73.91

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Pest Code							SEBEX	SEBEX	CYPES	CYPES	CYPES
Rating Date							8/6/10	22/6/10	13/5/10	24/5/10	8/6/10
Rating Data Type							Control	Control	Control	Control	Control
Rating Unit							%	%	%	%	%
Trt-Eval Interval							29 da LPOST	43 da LPOST	3 da LPOST	14 da LPOST	29 da LPOST
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	11	12	13	14	15
1	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	10 d	5 b	10 c	10 d	10 d
2	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	96 a	71 a	10 c	20 c	10 d
	RiceBeaux	6	LB A/A	4	QT/A	LPOST					
3	Command	0.15	LB A/A	6.4	FL OZ/A	PRE	94 ab	78 a	10 c	20 c	10 d
	Command	0.15	LB A/A	6.4	FL OZ/A	LPOST					
	RiceBeaux	6	LB A/A	4	QT/A	LPOST					
4	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	86 c	73 a	86 b	85 b	85 b
	Facet	0.375	LB A/A	0.5	LB/A	PRE					
	Permit	0.047	LB A/A	1	OZ WT/A	PRE					
5	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	96 a	78 a	86 b	85 b	88 b
	Facet	0.375	LB A/A	0.5	LB/A	PRE					
	Permit	0.047	LB A/A	1	OZ WT/A	PRE					
	RiceBeaux	6	LB A/A	4	QT/A	LPOST					
6	Facet	0.375	LB A/A	0.5	LB/A	PRE	88 bc	70 a	91 ab	83 b	80 c
	Permit	0.047	LB A/A	1	OZ WT/A	PRE					
7	Facet	0.375	LB A/A	0.5	LB/A	PRE	95 a	80 a	93 a	93 a	91 a
	Permit	0.047	LB A/A	1	OZ WT/A	PRE					
	RiceBeaux	6	LB A/A	4	QT/A	LPOST					
8	Nontreated						0 e	0 b	0 d	0 e	0 e
LSD (P=.05)							6.9	16.0	6.1	5.1	3.5
Standard Deviation							4.7	10.9	4.1	3.5	2.4
CV							6.62	19.16	8.6	7.07	5.04
Grand Mean							70.5	56.72	48.22	49.38	46.72

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Pest Code							CYPES	ALRPH	ALRPH	ALRPH	ALRPH
Rating Date							22/6/10	13/5/10	24/5/10	8/6/10	22/6/10
Rating Data Type							Control	Control	Control	Control	Control
Rating Unit							%	%	%	%	%
Trt-Eval Interval							43 da LPOST	3 da LPOST	14 da LPOST	29 da LPOST	43 da LPOST
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	16	17	18	19	20
1	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	6 c	10 c	10 c	9 a	8 b
2	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	10 bc	53 a	25 b	10 a	10 a
	RiceBeaux	6	LB A/A	4	QT/A	LPOST					
3	Command	0.15	LB A/A	6.4	FL OZ/A	PRE	10 bc	60 a	30 b	10 a	10 a
	Command	0.15	LB A/A	6.4	FL OZ/A	LPOST					
	RiceBeaux	6	LB A/A	4	QT/A	LPOST					
4	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	20 b	33 b	50 a	10 a	10 a
	Facet	0.375	LB A/A	0.5	LB/A	PRE					
	Permit	0.047	LB A/A	1	OZ WT/A	PRE					
5	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	65 a	56 a	50 a	10 a	10 a
	Facet	0.375	LB A/A	0.5	LB/A	PRE					
	Permit	0.047	LB A/A	1	OZ WT/A	PRE					
	RiceBeaux	6	LB A/A	4	QT/A	LPOST					
6	Facet	0.375	LB A/A	0.5	LB/A	PRE	20 b	40 b	38 ab	10 a	10 a
	Permit	0.047	LB A/A	1	OZ WT/A	PRE					
7	Facet	0.375	LB A/A	0.5	LB/A	PRE	63 a	58 a	50 a	10 a	10 a
	Permit	0.047	LB A/A	1	OZ WT/A	PRE					
	RiceBeaux	6	LB A/A	4	QT/A	LPOST					
8	Nontreated						0 c	0 d	0 c	0 b	0 c
LSD (P=.05)							13.1	9.6	13.3	1.3	1.5
Standard Deviation							8.9	6.5	9.0	0.9	1.0
CV							36.64	16.88	28.64	10.29	12.1
Grand Mean							24.22	38.59	31.56	8.59	8.44

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Pest Code							AESIN	AESIN	AESIN	INJURY	INJURY
Rating Date							24/5/10	8/6/10	22/6/10	13/5/10	24/5/10
Rating Data Type							Control	Control	Control		
Rating Unit							%	%	%	%	%
Trt-Eval Interval							14 da LPOST	29 da LPOST	43 da LPOST	3 da LPOST	14 da LPOST
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	21	22	23	24	25
1	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	10 b	10 d	5 b	0 c	0 a
2	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	97 a	96 a	74 a	10 b	0 a
	RiceBeaux	6	LB A/A	4	QT/A	LPOST					
3	Command	0.15	LB A/A	6.4	FL OZ/A	PRE	98 a	94 ab	79 a	10 b	0 a
	Command	0.15	LB A/A	6.4	FL OZ/A	LPOST					
	RiceBeaux	6	LB A/A	4	QT/A	LPOST					
4	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	96 a	86 c	75 a	0 c	0 a
	Facet	0.375	LB A/A	0.5	LB/A	PRE					
	Permit	0.047	LB A/A	1	OZ WT/A	PRE					
5	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	98 a	96 a	76 a	10 b	0 a
	Facet	0.375	LB A/A	0.5	LB/A	PRE					
	Permit	0.047	LB A/A	1	OZ WT/A	PRE					
	RiceBeaux	6	LB A/A	4	QT/A	LPOST					
6	Facet	0.375	LB A/A	0.5	LB/A	PRE	97 a	88 bc	75 a	0 c	0 a
	Permit	0.047	LB A/A	1	OZ WT/A	PRE					
7	Facet	0.375	LB A/A	0.5	LB/A	PRE	98 a	95 a	80 a	15 a	0 a
	Permit	0.047	LB A/A	1	OZ WT/A	PRE					
	RiceBeaux	6	LB A/A	4	QT/A	LPOST					
8	Nontreated						0 c	0 e	0 b	0 c	0 a
LSD (P=.05)							2.4	6.9	13.4	3.0	0.0
Standard Deviation							1.7	4.7	9.1	2.0	0.0
CV							2.22	6.62	15.68	36.29	0.0
Grand Mean							74.31	70.5	57.97	5.63	0.0

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Pest Code							INJURY	INJURY		
Rating Date							8/6/10	22/6/10	10/8/10	10/8/10
Rating Data Type									Yield @ 12%	Avg. Height
Rating Unit							%	%	lb/Acre	cm
Trt-Eval Interval							29 da LPOST	43 da LPOST	Harvest	Harvest
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	26	27	30	33
1	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	0 a	0 a	2192 c	77 b
2	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	0 a	0 a	4178 b	77 b
	RiceBeaux	6	LB A/A	4	QT/A	LPOST				
3	Command	0.15	LB A/A	6.4	FL OZ/A	PRE	0 a	0 a	2368 c	86 a
	Command	0.15	LB A/A	6.4	FL OZ/A	LPOST				
	RiceBeaux	6	LB A/A	4	QT/A	LPOST				
4	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	0 a	0 a	4191 b	89 a
	Facet	0.375	LB A/A	0.5	LB/A	PRE				
	Permit	0.047	LB A/A	1	OZ WT/A	PRE				
5	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	0 a	0 a	6030 a	92 a
	Facet	0.375	LB A/A	0.5	LB/A	PRE				
	Permit	0.047	LB A/A	1	OZ WT/A	PRE				
	RiceBeaux	6	LB A/A	4	QT/A	LPOST				
6	Facet	0.375	LB A/A	0.5	LB/A	PRE	0 a	0 a	4083 b	85 ab
	Permit	0.047	LB A/A	1	OZ WT/A	PRE				
7	Facet	0.375	LB A/A	0.5	LB/A	PRE	0 a	0 a	6545 a	88 a
	Permit	0.047	LB A/A	1	OZ WT/A	PRE				
	RiceBeaux	6	LB A/A	4	QT/A	LPOST				
8	Nontreated						0 a	0 a		91 a
LSD (P=.05)							0.0	0.0	849.0	8.2
Standard Deviation							0.0	0.0	571.5	5.5
CV							0.0	0.0	13.52	6.49
Grand Mean							0.0	0.0	4226.87	85.48

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Evaluation of RiceBeaux with Clomazone EPOST for Grass Weed Control

Experiment number	**C10-18**
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
Planting date	4/1/41
Harvest date	8/11/10
Crop/Variety	CL131
Emergence date	4/19/10
Uniform std. treatment	N/A

Application type	PRE	EPOST	MPOST	LPOST
Date applied [mm/dd/yy]	04/02/10	04/27/10	05/03/10	05/10/10
Time [hh:mm-hh:mm]	8:15-8:20A	9:40-9:50A	2:35-2:45P	11:44-11:45
Incorporation equip./Depth:	N/A	N/A	N/A	N/A
Air/Soil temperature [F]	70/62	78/75	90/80	83/75
Relative humidity [%]	82	55	50	77
Wind [mph, direction]	2,S	3-5,S	4-7,E	5-7, S
Weather [sunny, etc]	sunny	sunny	sunny	sunny
Soil/Leaf surface moist	dry/N/A	dry/dry	wet/dry	moist/dry
Crop stage/Height	N/A	2-3lf/2-4"	2-4lf/3-6"	4-5lf/6-8"
Sprayer type/MPH	CO_2BkPk/3	CO_2BkPk/3	CO_2BkPk/3	CO_2BkPk/3
Nozzle type/Size*	AMFF/110015	AMFF/110015	AMFF/110015	AMFF/110015
Boom ht/# Noz/Spacing	15/5/15	15/5/15	15/5/15	15/5/15
GPA/PSI	15/22	15/25	15/25	15/25
Applied by	TPC	TPC	EPW	EPW

Weed Species (population)	(height/#leaves)	
AESIN(5-10m^{-2})	½-1"/1-2lf	2-4"/2-4lf
ALRPH(3-10m^{-2})		6-12"/3-10lf
BRAPP(200-300m^{-2})	¼-2"/1-4lf	1-2"/2-4lf
ECHCG(75-100m^{-2})	¼-1"/1-4lf	½-3"/2-4lf
ECLAL(30-50m^{-2})	¼-1"/1-3lf	½-1"/1-3lf
SEBEX(10-20m^{-2})	1-2"/1-3lf	2-4"/2-4lf

Flush Dates	4/7, 4/15, 4/29, 5/7, 5/13
Permanent Flood	5/27

*AMFF – Air mix flat fan nozzles

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Evaluation of RiceBeaux with Clomazone EPOST for Grass Weed Control

Trial ID: C10-18 Protocol ID: C10-18
Location: RRS-Crowley, LA Study Director:
Investigator: Eric P. Webster

Pest Code							BRAPP	BRAPP	BRAPP	BRAPP	ECHCG
Rating Date							19/5/10	24/5/10	8/6/10	21/6/10	19/5/10
Rating Data Type							Control	Control	Control	Control	Control
Rating Unit							%	%	%	%	%
Trt-Eval Interval							9 da LPOST	14 da LPOST	29 da LPOST	42 da LPOST	9 da LPOST
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	1	2	3	4	5
1	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	88 b	78 b	78 b	75 c	90 b
2	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	98 a	98 a	98 a	98 a	97 a
	RiceBeaux	6	LB A/A	4	QT/A	MPOST					
3	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	98 a	98 a	98 a	95 ab	98 a
	SuperWham	4	LB A/A	4	QT/A	MPOST					
4	Command	0.15	LB A/A	6.4	FL OZ/A	PRE	98 a	98 a	98 a	98 a	98 a
	Command	0.15	LB A/A	6.4	FL OZ/A	MPOST					
	RiceBeaux	6	LB A/A	4	QT/A	MPOST					
5	Command	0.15	LB A/A	6.4	FL OZ/A	PRE	98 a	98 a	98 a	95 ab	98 a
	Command	0.15	LB A/A	6.4	FL OZ/A	MPOST					
	SuperWham	4	LB A/A	4	QT/A	MPOST					
6	Command	0.3	LB A/A	12.8	FL OZ/A	EPOST	98 a	98 a	98 a	96 ab	98 a
	RiceBeaux	6	LB A/A	4	QT/A	EPOST					
7	Command	0.3	LB A/A	12.8	FL OZ/A	EPOST	98 a	98 a	97 a	90 b	97 a
	SuperWham	4	LB A/A	4	QT/A	EPOST					
8	RiceBeaux	4	LB A/A	2.67	QT/A	EPOST	98 a	98 a	98 a	95 ab	98 a
	RiceBeaux	4	LB A/A	2.67	QT/A	LPOST					
9	Nontreated						0 c	0 c	0 c	0 d	0 c
LSD (P=.05)							1.4	3.1	2.5	7.2	2.2
Standard Deviation							1.0	2.2	1.7	4.9	1.5
CV							1.12	2.54	1.98	5.95	1.79
Grand Mean							85.94	84.83	84.75	82.44	86.06

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Pest Code							ECHCG	ECHCG	ECHCG	ECLAL	ECLAL
Rating Date							24/5/10	8/6/10	21/6/10	19/5/10	24/5/10
Rating Data Type							Control	Control	Control	Control	Control
Rating Unit							%	%	%	%	%
Trt-Eval Interval							14 da LPOST	29 da LPOST	42 da LPOST	9 da LPOST	14 da LPOST
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	6	7	8	9	10
1	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	83 b	80 c	75 c	10 c	10 c
2	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	98 a	98 a	98 a	98 a	98 a
	RiceBeaux	6	LB A/A	4	QT/A	MPOST					
3	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	98 a	98 a	93 ab	97 b	98 a
	SuperWham	4	LB A/A	4	QT/A	MPOST					
4	Command	0.15	LB A/A	6.4	FL OZ/A	PRE	98 a	98 a	97 a	98 a	98 a
	Command	0.15	LB A/A	6.4	FL OZ/A	MPOST					
	RiceBeaux	6	LB A/A	4	QT/A	MPOST					
5	Command	0.15	LB A/A	6.4	FL OZ/A	PRE	98 a	98 a	94 a	98 a	98 a
	Command	0.15	LB A/A	6.4	FL OZ/A	MPOST					
	SuperWham	4	LB A/A	4	QT/A	MPOST					
6	Command	0.3	LB A/A	12.8	FL OZ/A	EPOST	98 a	98 a	95 a	98 a	96 b
	RiceBeaux	6	LB A/A	4	QT/A	EPOST					
7	Command	0.3	LB A/A	12.8	FL OZ/A	EPOST	97 a	97 b	86 b	98 a	98 a
	SuperWham	4	LB A/A	4	QT/A	EPOST					
8	RiceBeaux	4	LB A/A	2.67	QT/A	EPOST	98 a	98 a	91 ab	98 a	98 a
	RiceBeaux	4	LB A/A	2.67	QT/A	LPOST					
9	Nontreated						0 c	0 d	0 d	0 d	0 d
LSD (P=.05)							1.6	0.7	7.2	0.7	1.9
Standard Deviation							1.1	0.5	4.9	0.5	1.3
CV							1.32	0.59	6.1	0.65	1.73
Grand Mean							85.22	85.03	81.14	77.25	77.11

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Pest Code							ECLAL	ECLAL	SEBEX	SEBEX	SEBEX
Rating Date							8/6/10	21/6/10	19/5/10	24/5/10	8/6/10
Rating Data Type							Control	Control	Control	Control	Control
Rating Unit							%	%	%	%	%
Trt-Eval Interval							29 da LPOST	42 da LPOST	9 da LPOST	14 da LPOST	29 da LPOST
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	11	12	13	14	15
1	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	0 c	0 d	10 c	10 c	0 b
2	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	98 a	97 ab	98 a	98 a	96 a
	RiceBeaux	6	LB A/A	4	QT/A	MPOST					
3	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	96 ab	95 ab	98 a	98 a	98 a
	SuperWham	4	LB A/A	4	QT/A	MPOST					
4	Command	0.15	LB A/A	6.4	FL OZ/A	PRE	98 a	98 a	98 a	98 a	98 a
	Command	0.15	LB A/A	6.4	FL OZ/A	MPOST					
	RiceBeaux	6	LB A/A	4	QT/A	MPOST					
5	Command	0.15	LB A/A	6.4	FL OZ/A	PRE	96 ab	94 abc	98 a	98 a	98 a
	Command	0.15	LB A/A	6.4	FL OZ/A	MPOST					
	SuperWham	4	LB A/A	4	QT/A	MPOST					
6	Command	0.3	LB A/A	12.8	FL OZ/A	EPOST	95 ab	89 bc	97 b	97 b	97 a
	RiceBeaux	6	LB A/A	4	QT/A	EPOST					
7	Command	0.3	LB A/A	12.8	FL OZ/A	EPOST	97 ab	94 abc	98 a	98 a	98 a
	SuperWham	4	LB A/A	4	QT/A	EPOST					
8	RiceBeaux	4	LB A/A	2.67	QT/A	EPOST	94 b	85 c	98 a	98 a	98 a
	RiceBeaux	4	LB A/A	2.67	QT/A	LPOST					
9	Nontreated						0 c	0 d	0 d	0 d	0 b
LSD (P=.05)							3.6	8.5	0.7	0.7	2.1
Standard Deviation							2.4	5.8	0.5	0.5	1.4
CV							3.27	8.07	0.65	0.65	1.9
Grand Mean							74.92	72.33	77.25	77.25	75.92

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Pest Code							SEBEX	AESIN	AESIN	AESIN	AESIN
Rating Date							21/6/10	19/5/10	24/5/10	8/6/10	21/6/10
Rating Data Type							Control	Control	Control	Control	Control
Rating Unit							%	%	%	%	%
Trt-Eval Interval							42 da LPOST	9 da LPOST	14 da LPOST	29 da LPOST	42 da LPOST
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	16	17	18	19	20
1	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	0 c	10 c	10 c	0 c	0 c
2	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	93 b	98 a	98 a	98 a	92 ab
	RiceBeaux	6	LB A/A	4	QT/A	MPOST					
3	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	98 a	98 a	98 a	98 a	98 a
	SuperWham	4	LB A/A	4	QT/A	MPOST					
4	Command	0.15	LB A/A	6.4	FL OZ/A	PRE	98 a	98 a	98 a	98 a	98 a
	Command	0.15	LB A/A	6.4	FL OZ/A	MPOST					
	RiceBeaux	6	LB A/A	4	QT/A	MPOST					
5	Command	0.15	LB A/A	6.4	FL OZ/A	PRE	98 a	98 a	98 a	98 a	98 a
	Command	0.15	LB A/A	6.4	FL OZ/A	MPOST					
	SuperWham	4	LB A/A	4	QT/A	MPOST					
6	Command	0.3	LB A/A	12.8	FL OZ/A	EPOST	97 a	97 b	97 b	97 b	97 a
	RiceBeaux	6	LB A/A	4	QT/A	EPOST					
7	Command	0.3	LB A/A	12.8	FL OZ/A	EPOST	97 a	98 a	98 a	98 a	89 b
	SuperWham	4	LB A/A	4	QT/A	EPOST					
8	RiceBeaux	4	LB A/A	2.67	QT/A	EPOST	98 a	98 a	98 a	98 a	95 ab
	RiceBeaux	4	LB A/A	2.67	QT/A	LPOST					
9	Nontreated						0 c	0 d	0 d	0 c	0 c
LSD (P=.05)							4.4	0.7	0.7	0.7	6.7
Standard Deviation							3.0	0.5	0.5	0.5	4.6
CV							3.97	0.65	0.65	0.66	6.24
Grand Mean							75.47	77.25	77.25	76.14	74.06

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Pest Code							ALRPH	ALRPH	ALRPH	ALRPH	INJURY
Rating Date							19/5/10	24/5/10	8/6/10	21/6/10	19/5/10
Rating Data Type							Control	Control	Control	Control	
Rating Unit							%	%	%	%	%
Trt-Eval Interval							9 da LPOST	14 da LPOST	29 da LPOST	42 da LPOST	9 da LPOST
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	21	22	23	24	25
1	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	10 d	10 c	0 c	0 a	0 a
2	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	85 bc	81 ab	10 bc	0 a	0 a
	RiceBeaux	6	LB A/A	4	QT/A	MPOST					
3	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	83 c	78 b	10 bc	0 a	0 a
	SuperWham	4	LB A/A	4	QT/A	MPOST					
4	Command	0.15	LB A/A	6.4	FL OZ/A	PRE	88 abc	78 b	15 b	0 a	0 a
	Command	0.15	LB A/A	6.4	FL OZ/A	MPOST					
	RiceBeaux	6	LB A/A	4	QT/A	MPOST					
5	Command	0.15	LB A/A	6.4	FL OZ/A	PRE	84 c	81 ab	18 ab	0 a	0 a
	Command	0.15	LB A/A	6.4	FL OZ/A	MPOST					
	SuperWham	4	LB A/A	4	QT/A	MPOST					
6	Command	0.3	LB A/A	12.8	FL OZ/A	EPOST	93 ab	90 a	10 bc	0 a	0 a
	RiceBeaux	6	LB A/A	4	QT/A	EPOST					
7	Command	0.3	LB A/A	12.8	FL OZ/A	EPOST	83 c	81 ab	10 bc	0 a	0 a
	SuperWham	4	LB A/A	4	QT/A	EPOST					
8	RiceBeaux	4	LB A/A	2.67	QT/A	EPOST	95 a	89 a	30 a	0 a	0 a
	RiceBeaux	4	LB A/A	2.67	QT/A	LPOST					
9	Nontreated						0 e	0 c	0 c	0 a	0 a
LSD (P=.05)							7.7	10.2	13.4	0.0	0.0
Standard Deviation							5.3	7.0	9.2	0.0	0.0
CV							7.67	10.73	80.38	0.0	0.0
Grand Mean							68.75	65.28	11.39	0.0	0.0

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Pest Code							INJURY	INJURY	INJURY		
Rating Date							24/5/10	8/6/10	21/6/10	11/8/10	11/8/10
Rating Data Type										Yield @ 12%	Avg. Height
Rating Unit							%	%	%	lb/Acre	cm
Trt-Eval Interval							14 da LPOST	29 da LPOST	42 da LPOST	Harvest	Harvest
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	26	27	28	31	34
1	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	0 a	0 a	0 a		
2	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	0 a	0 a	0 a	5901 ab	88 a
	RiceBeaux	6	LB A/A	4	QT/A	MPOST					
3	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	0 a	0 a	0 a	4753 b	83 a
	SuperWham	4	LB A/A	4	QT/A	MPOST					
4	Command	0.15	LB A/A	6.4	FL OZ/A	PRE	0 a	0 a	0 a	6838 a	87 a
	Command	0.15	LB A/A	6.4	FL OZ/A	MPOST					
	RiceBeaux	6	LB A/A	4	QT/A	MPOST					
5	Command	0.15	LB A/A	6.4	FL OZ/A	PRE	0 a	0 a	0 a	5543 b	87 a
	Command	0.15	LB A/A	6.4	FL OZ/A	MPOST					
	SuperWham	4	LB A/A	4	QT/A	MPOST					
6	Command	0.3	LB A/A	12.8	FL OZ/A	EPOST	0 a	0 a	0 a	5794 ab	86 a
	RiceBeaux	6	LB A/A	4	QT/A	EPOST					
7	Command	0.3	LB A/A	12.8	FL OZ/A	EPOST	0 a	0 a	0 a	3458 c	82 a
	SuperWham	4	LB A/A	4	QT/A	EPOST					
8	RiceBeaux	4	LB A/A	2.67	QT/A	EPOST	0 a	0 a	0 a	6855 a	89 a
	RiceBeaux	4	LB A/A	2.67	QT/A	LPOST					
9	Nontreated						0 a	0 a	0 a		
LSD (P=.05)							0.0	0.0	0.0	1163.1	6.0
Standard Deviation							0.0	0.0	0.0	782.9	4.0
CV							0.0	0.0	0.0	14.0	4.71
Grand Mean							0.0	0.0	0.0	5591.61	85.93

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Evaluation of RiceBeaux Synergy of Red Rice Control with Newpath

Experiment number	**C10-19**
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
Planting date	4/6/10
Harvest date	N/A
Crop/Variety	CL131
Emergence date	4/26/10
Uniform std. treatment	N/A

Application type	EPOST	LPOST
Date applied [mm/dd/yy]	05/04/10	05/17/10
Time [hh:mm-hh:mm]	11:00-11:20A	9:45-9:53A
Incorporation equip./Depth:	N/A	N/A
Air/Soil temperature [F]	81/78	77/78
Relative humidity [%]	71	68
Wind [mph, direction]	4-5,NW	1-2,SE
Weather [sunny, etc]	sunny	sunny
Soil/Leaf surface moist	wet/dry	wet/dry
Crop stage/Height	2-3lf/3-5"	4-5lf/3-6"
Sprayer type/MPH	CO_2BkPk/3	CO_2BkPk/3
Nozzle type/Size*	AMFF/110015	AMFF/110015
Boom ht/# Noz/Spacing	15/5/15	15/5/15
GPA/PSI	15/22	15/25
Applied by	JCF	EPW

Weed Species (population)	---------- (height/#leaves) ----------	
AESIN(5-10m^{-2})	2-3"/2-4lf	7-10"/5-7lf
BRAPP(50-75m^{-2})	½-2"/2-4lf	1-3"/3-5lf
CNPPA(5-10m^{-2})…….	1-2"/cot-1lf	
COMDI(10-20m^{-2})	1-3"/2-4lf	
CYPES(10-30m^{-2})	4-6"/3-5lf	7-10"/5-10lf
ECHCG(75-100m^{-2})	½-3"/2-5lf	2-4"/3-5lf
ORYSA(50-75m^{-2})	4-6"/3-4lf	5-7"/3-5lf

Flush Dates	4/15, 4/29, 5/7, 5/13
Permanent Flood	5/27

*AMFF – Air mix flat fan nozzles

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Evaluation of RiceBeaux Synergy of Red Rice Control with Newpath

Trial ID: C10-19 Protocol ID: C10-19
Location: RRS-Crowley, LA Study Director:
Investigator: Eric P. Webster

Pest Code							ORYSA	ORYSA	ORYSA	ORYSA	BRAPP
Rating Date							19/5/10	26/5/10	7/6/10	21/6/10	19/5/10
Rating Data Type							Control	Control	Control	Control	Control
Rating Unit							%	%	%	%	%
Trt-Eval Interval							2 da LPOST	9 da LPOST	21 da LPOST	35 da LPOST	2 da LPOST
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	1	2	3	4	5
1	Newpath	0.0156	LB A/A	1	FL OZ/A	EPOST	33 b	74 b	63 b	65 c	30 b
	Agridex	1	% V/V	1	% V/V	EPOST					
	Newpath	0.094	LB A/A	6	FL OZ/A	LPOST					
	Agridex	1	% V/V	1	% V/V	LPOST					
2	Newpath	0.0313	LB A/A	2	FL OZ/A	EPOST	35 b	78 b	70 b	76 bc	30 b
	Agridex	1	% V/V	1	% V/V	EPOST					
	Newpath	0.094	LB A/A	6	FL OZ/A	LPOST					
	Agridex	1	% V/V	1	% V/V	LPOST					
3	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST	35 b	83 b	88 a	85 ab	33 b
	Agridex	1	% V/V	1	% V/V	EPOST					
	Newpath	0.094	LB A/A	6	FL OZ/A	LPOST					
	Agridex	1	% V/V	1	% V/V	LPOST					
4	Newpath	0.0156	LB A/A	1	FL OZ/A	EPOST	40 b	93 a	96 a	66 c	38 b
	RiceBeaux	3.75	LB A/A	2.5	QT/A	EPOST					
	Agridex	1	% V/V	1	% V/V	EPOST					
	Newpath	0.094	LB A/A	6	FL OZ/A	LPOST					
	Agridex	1	% V/V	1	% V/V	LPOST					
5	Newpath	0.0313	LB A/A	2	FL OZ/A	EPOST	76 a	98 a	98 a	94 a	78 a
	RiceBeaux	3.75	LB A/A	2.5	QT/A	EPOST					
	Agridex	1	% V/V	1	% V/V	EPOST					
	Newpath	0.094	LB A/A	6	FL OZ/A	LPOST					
	Agridex	1	% V/V	1	% V/V	LPOST					
6	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST	78 a	97 a	96 a	93 a	81 a
	RiceBeaux	3.75	LB A/A	2.5	QT/A	EPOST					
	Agridex	1	% V/V	1	% V/V	EPOST					
	Newpath	0.094	LB A/A	6	FL OZ/A	LPOST					
	Agridex	1	% V/V	1	% V/V	LPOST					
7	RiceBeaux	3.75	LB A/A	2.5	QT/A	EPOST	18 c	73 b	66 b	23 d	30 b
	Newpath	0.094	LB A/A	6	FL OZ/A	LPOST					
	Agridex	1	% V/V	1	% V/V	LPOST					
8	Nontreated						0 d	0 c	0 c	0 e	0 c
LSD (P=.05)							13.9	10.2	11.2	16.6	12.7
Standard Deviation							9.5	6.9	7.6	11.3	8.6
CV							24.12	9.31	10.52	17.97	21.68
Grand Mean							39.22	74.34	72.06	62.75	39.84

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Pest Code							BRAPP	BRAPP	BRAPP	ECHCG	ECHCG
Rating Date							26/5/10	7/6/10	21/6/10	19/5/10	26/5/10
Rating Data Type							Control	Control	Control	Control	Control
Rating Unit							%	%	%	%	%
Trt-Eval Interval							9 da LPOST	21 da LPOST	35 da LPOST	2 da LPOST	9 da LPOST
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	6	7	8	9	10
1	Newpath	0.0156	LB A/A	1	FL OZ/A	EPOST	89 b	63 c	33 c	30 b	88 c
	Agridex	1	% V/V	1	% V/V	EPOST					
	Newpath	0.094	LB A/A	6	FL OZ/A	LPOST					
	Agridex	1	% V/V	1	% V/V	LPOST					
2	Newpath	0.0313	LB A/A	2	FL OZ/A	EPOST	90 b	70 b	33 c	38 b	89 bc
	Agridex	1	% V/V	1	% V/V	EPOST					
	Newpath	0.094	LB A/A	6	FL OZ/A	LPOST					
	Agridex	1	% V/V	1	% V/V	LPOST					
3	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST	88 b	96 a	69 b	45 b	86 c
	Agridex	1	% V/V	1	% V/V	EPOST					
	Newpath	0.094	LB A/A	6	FL OZ/A	LPOST					
	Agridex	1	% V/V	1	% V/V	LPOST					
4	Newpath	0.0156	LB A/A	1	FL OZ/A	EPOST	96 a	95 a	73 b	38 b	95 ab
	RiceBeaux	3.75	LB A/A	2.5	QT/A	EPOST					
	Agridex	1	% V/V	1	% V/V	EPOST					
	Newpath	0.094	LB A/A	6	FL OZ/A	LPOST					
	Agridex	1	% V/V	1	% V/V	LPOST					
5	Newpath	0.0313	LB A/A	2	FL OZ/A	EPOST	98 a	98 a	93 a	76 a	98 a
	RiceBeaux	3.75	LB A/A	2.5	QT/A	EPOST					
	Agridex	1	% V/V	1	% V/V	EPOST					
	Newpath	0.094	LB A/A	6	FL OZ/A	LPOST					
	Agridex	1	% V/V	1	% V/V	LPOST					
6	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST	96 a	96 a	94 a	81 a	94 ab
	RiceBeaux	3.75	LB A/A	2.5	QT/A	EPOST					
	Agridex	1	% V/V	1	% V/V	EPOST					
	Newpath	0.094	LB A/A	6	FL OZ/A	LPOST					
	Agridex	1	% V/V	1	% V/V	LPOST					
7	RiceBeaux	3.75	LB A/A	2.5	QT/A	EPOST	85 b	68 bc	35 c	33 b	86 c
	Newpath	0.094	LB A/A	6	FL OZ/A	LPOST					
	Agridex	1	% V/V	1	% V/V	LPOST					
8	Nontreated						0 c	0 d	0 d	0 c	0 d
LSD (P=.05)							5.7	5.2	17.0	17.0	6.4
Standard Deviation							3.9	3.5	11.5	11.5	4.3
CV							4.86	4.8	21.53	27.14	5.47
Grand Mean							80.13	73.16	53.56	42.5	79.34

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

LSU AgCenter
School of Plant, Environmental and Soil Sciences

Pest Code							ECHCG	ECHCG	CYPES	CYPES	CYPES
Rating Date							7/6/10	21/6/10	19/5/10	26/5/10	7/6/10
Rating Data Type							Control	Control	Control	Control	Control
Rating Unit							%	%	%	%	%
Trt-Eval Interval							21 da LPOST	35 da LPOST	2 da LPOST	9 da LPOST	21 da LPOST
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	11	12	13	14	15
1	Newpath	0.0156	LB A/A	1	FL OZ/A	EPOST	63 b	35 c	38 e	89 c	90 b
	Agridex	1	% V/V	1	% V/V	EPOST					
	Newpath	0.094	LB A/A	6	FL OZ/A	LPOST					
	Agridex	1	% V/V	1	% V/V	LPOST					
2	Newpath	0.0313	LB A/A	2	FL OZ/A	EPOST	71 b	34 c	54 cd	90 bc	93 ab
	Agridex	1	% V/V	1	% V/V	EPOST					
	Newpath	0.094	LB A/A	6	FL OZ/A	LPOST					
	Agridex	1	% V/V	1	% V/V	LPOST					
3	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST	88 a	74 ab	71 ab	90 bc	93 ab
	Agridex	1	% V/V	1	% V/V	EPOST					
	Newpath	0.094	LB A/A	6	FL OZ/A	LPOST					
	Agridex	1	% V/V	1	% V/V	LPOST					
4	Newpath	0.0156	LB A/A	1	FL OZ/A	EPOST	95 a	78 a	63 bc	95 a	97 a
	RiceBeaux	3.75	LB A/A	2.5	QT/A	EPOST					
	Agridex	1	% V/V	1	% V/V	EPOST					
	Newpath	0.094	LB A/A	6	FL OZ/A	LPOST					
	Agridex	1	% V/V	1	% V/V	LPOST					
5	Newpath	0.0313	LB A/A	2	FL OZ/A	EPOST	98 a	91 a	84 a	94 ab	98 a
	RiceBeaux	3.75	LB A/A	2.5	QT/A	EPOST					
	Agridex	1	% V/V	1	% V/V	EPOST					
	Newpath	0.094	LB A/A	6	FL OZ/A	LPOST					
	Agridex	1	% V/V	1	% V/V	LPOST					
6	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST	96 a	92 a	85 a	94 ab	98 a
	RiceBeaux	3.75	LB A/A	2.5	QT/A	EPOST					
	Agridex	1	% V/V	1	% V/V	EPOST					
	Newpath	0.094	LB A/A	6	FL OZ/A	LPOST					
	Agridex	1	% V/V	1	% V/V	LPOST					
7	RiceBeaux	3.75	LB A/A	2.5	QT/A	EPOST	69 b	58 b	40 de	86 c	89 b
	Newpath	0.094	LB A/A	6	FL OZ/A	LPOST					
	Agridex	1	% V/V	1	% V/V	LPOST					
8	Nontreated						0 c	0 d	0 f	0 d	0 c
LSD (P=.05)							10.7	18.6	14.9	4.4	6.1
Standard Deviation							7.2	12.6	10.1	3.0	4.2
CV							10.0	21.98	18.71	3.76	5.05
Grand Mean							72.44	57.53	54.22	79.63	82.31

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Pest Code							CYPES	COMDI	COMDI	COMDI	COMDI
Rating Date							21/6/10	19/5/10	26/5/10	7/6/10	21/6/10
Rating Data Type							Control	Control	Control	Control	Control
Rating Unit							%	%	%	%	%
Trt-Eval Interval							35 da LPOST	2 da LPOST	9 da LPOST	21 da LPOST	35 da LPOST
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	16	17	18	19	20
1	Newpath	0.0156	LB A/A	1	FL OZ/A	EPOST	95 b	71 c	90 a	96 a	96 a
	Agridex	1	% V/V	1	% V/V	EPOST					
	Newpath	0.094	LB A/A	6	FL OZ/A	LPOST					
	Agridex	1	% V/V	1	% V/V	LPOST					
2	Newpath	0.0313	LB A/A	2	FL OZ/A	EPOST	96 ab	78 bc	91 a	97 a	97 a
	Agridex	1	% V/V	1	% V/V	EPOST					
	Newpath	0.094	LB A/A	6	FL OZ/A	LPOST					
	Agridex	1	% V/V	1	% V/V	LPOST					
3	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST	96 ab	73 c	91 a	98 a	98 a
	Agridex	1	% V/V	1	% V/V	EPOST					
	Newpath	0.094	LB A/A	6	FL OZ/A	LPOST					
	Agridex	1	% V/V	1	% V/V	LPOST					
4	Newpath	0.0156	LB A/A	1	FL OZ/A	EPOST	96 ab	90 ab	93 a	96 a	96 a
	RiceBeaux	3.75	LB A/A	2.5	QT/A	EPOST					
	Agridex	1	% V/V	1	% V/V	EPOST					
	Newpath	0.094	LB A/A	6	FL OZ/A	LPOST					
	Agridex	1	% V/V	1	% V/V	LPOST					
5	Newpath	0.0313	LB A/A	2	FL OZ/A	EPOST	97 ab	93 a	91 a	97 a	98 a
	RiceBeaux	3.75	LB A/A	2.5	QT/A	EPOST					
	Agridex	1	% V/V	1	% V/V	EPOST					
	Newpath	0.094	LB A/A	6	FL OZ/A	LPOST					
	Agridex	1	% V/V	1	% V/V	LPOST					
6	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST	97 a	95 a	93 a	97 a	98 a
	RiceBeaux	3.75	LB A/A	2.5	QT/A	EPOST					
	Agridex	1	% V/V	1	% V/V	EPOST					
	Newpath	0.094	LB A/A	6	FL OZ/A	LPOST					
	Agridex	1	% V/V	1	% V/V	LPOST					
7	RiceBeaux	3.75	LB A/A	2.5	QT/A	EPOST	97 ab	86 ab	91 a	96 a	97 a
	Newpath	0.094	LB A/A	6	FL OZ/A	LPOST					
	Agridex	1	% V/V	1	% V/V	LPOST					
8	Nontreated						0 c	0 d	0 b	0 b	0 b
LSD (P=.05)							2.7	13.1	3.3	3.3	3.1
Standard Deviation							1.8	8.9	2.2	2.2	2.1
CV							2.17	12.22	2.81	2.64	2.49
Grand Mean							84.0	73.16	80.0	84.72	85.06

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Pest Code							AESIN	AESIN	AESIN	AESIN	CNPPA
Rating Date							19/5/10	26/5/10	7/6/10	21/6/10	19/5/10
Rating Data Type							Control	Control	Control	Control	Control
Rating Unit							%	%	%	%	%
Trt-Eval Interval							2 da LPOST	9 da LPOST	21 da LPOST	35 da LPOST	2 da LPOST
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	21	22	23	24	25
1	Newpath	0.0156	LB A/A	1	FL OZ/A	EPOST	53 b	35 b	13 b	10 c	33 b
	Agridex	1	% V/V	1	% V/V	EPOST					
	Newpath	0.094	LB A/A	6	FL OZ/A	LPOST					
	Agridex	1	% V/V	1	% V/V	LPOST					
2	Newpath	0.0313	LB A/A	2	FL OZ/A	EPOST	54 b	40 b	15 b	13 c	33 b
	Agridex	1	% V/V	1	% V/V	EPOST					
	Newpath	0.094	LB A/A	6	FL OZ/A	LPOST					
	Agridex	1	% V/V	1	% V/V	LPOST					
3	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST	58 b	43 b	15 b	13 c	75 a
	Agridex	1	% V/V	1	% V/V	EPOST					
	Newpath	0.094	LB A/A	6	FL OZ/A	LPOST					
	Agridex	1	% V/V	1	% V/V	LPOST					
4	Newpath	0.0156	LB A/A	1	FL OZ/A	EPOST	97 a	97 a	98 a	95 ab	80 a
	RiceBeaux	3.75	LB A/A	2.5	QT/A	EPOST					
	Agridex	1	% V/V	1	% V/V	EPOST					
	Newpath	0.094	LB A/A	6	FL OZ/A	LPOST					
	Agridex	1	% V/V	1	% V/V	LPOST					
5	Newpath	0.0313	LB A/A	2	FL OZ/A	EPOST	98 a	97 a	97 a	94 ab	79 a
	RiceBeaux	3.75	LB A/A	2.5	QT/A	EPOST					
	Agridex	1	% V/V	1	% V/V	EPOST					
	Newpath	0.094	LB A/A	6	FL OZ/A	LPOST					
	Agridex	1	% V/V	1	% V/V	LPOST					
6	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST	98 a	98 a	96 a	87 b	86 a
	RiceBeaux	3.75	LB A/A	2.5	QT/A	EPOST					
	Agridex	1	% V/V	1	% V/V	EPOST					
	Newpath	0.094	LB A/A	6	FL OZ/A	LPOST					
	Agridex	1	% V/V	1	% V/V	LPOST					
7	RiceBeaux	3.75	LB A/A	2.5	QT/A	EPOST	95 a	97 a	98 a	98 a	81 a
	Newpath	0.094	LB A/A	6	FL OZ/A	LPOST					
	Agridex	1	% V/V	1	% V/V	LPOST					
8	Nontreated						0 c	0 c	0 c	0 d	0 c
LSD (P=.05)							13.9	9.3	5.6	8.9	11.7
Standard Deviation							9.5	6.3	3.8	6.1	8.0
CV							13.71	9.95	7.1	11.89	13.68
Grand Mean							68.97	63.41	53.97	51.09	58.28

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Pest Code							CNPPA	CNPPA	CNPPA	INJURY	INJURY
Rating Date							26/5/10	7/6/10	21/6/10	19/5/10	26/5/10
Rating Data Type							Control	Control	Control		
Rating Unit							%	%	%	%	%
Trt-Eval Interval							9 da LPOST	21 da LPOST	35 da LPOST	2 da LPOST	9 da LPOST
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	26	27	28	29	30
1	Newpath	0.0156	LB A/A	1	FL OZ/A	EPOST	88 b	96 a	96 a	0 a	0 a
	Agridex	1	% V/V	1	% V/V	EPOST					
	Newpath	0.094	LB A/A	6	FL OZ/A	LPOST					
	Agridex	1	% V/V	1	% V/V	LPOST					
2	Newpath	0.0313	LB A/A	2	FL OZ/A	EPOST	89 ab	97 a	97 a	0 a	0 a
	Agridex	1	% V/V	1	% V/V	EPOST					
	Newpath	0.094	LB A/A	6	FL OZ/A	LPOST					
	Agridex	1	% V/V	1	% V/V	LPOST					
3	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST	90 ab	98 a	98 a	0 a	0 a
	Agridex	1	% V/V	1	% V/V	EPOST					
	Newpath	0.094	LB A/A	6	FL OZ/A	LPOST					
	Agridex	1	% V/V	1	% V/V	LPOST					
4	Newpath	0.0156	LB A/A	1	FL OZ/A	EPOST	89 ab	98 a	97 a	0 a	0 a
	RiceBeaux	3.75	LB A/A	2.5	QT/A	EPOST					
	Agridex	1	% V/V	1	% V/V	EPOST					
	Newpath	0.094	LB A/A	6	FL OZ/A	LPOST					
	Agridex	1	% V/V	1	% V/V	LPOST					
5	Newpath	0.0313	LB A/A	2	FL OZ/A	EPOST	91 ab	96 a	98 a	0 a	0 a
	RiceBeaux	3.75	LB A/A	2.5	QT/A	EPOST					
	Agridex	1	% V/V	1	% V/V	EPOST					
	Newpath	0.094	LB A/A	6	FL OZ/A	LPOST					
	Agridex	1	% V/V	1	% V/V	LPOST					
6	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST	93 a	97 a	98 a	0 a	0 a
	RiceBeaux	3.75	LB A/A	2.5	QT/A	EPOST					
	Agridex	1	% V/V	1	% V/V	EPOST					
	Newpath	0.094	LB A/A	6	FL OZ/A	LPOST					
	Agridex	1	% V/V	1	% V/V	LPOST					
7	RiceBeaux	3.75	LB A/A	2.5	QT/A	EPOST	90 ab	96 a	97 a	0 a	0 a
	Newpath	0.094	LB A/A	6	FL OZ/A	LPOST					
	Agridex	1	% V/V	1	% V/V	LPOST					
8	Nontreated						0 c	0 b	0 b	0 a	0 a
LSD (P=.05)							4.0	3.8	2.4	0.0	0.0
Standard Deviation							2.7	2.6	1.6	0.0	0.0
CV							3.44	3.02	1.88	0.0	0.0
Grand Mean							78.59	84.81	85.13	0.0	0.0

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Pest Code							INURY	INJURY
Rating Date							7/6/10	21/6/10
Rating Data Type								
Rating Unit							%	%
Trt-Eval Interval							21 da LPOST	35 da LPOST
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	31	32
1	Newpath	0.0156	LB A/A	1	FL OZ/A	EPOST	0 a	0 a
	Agridex	1	% V/V	1	% V/V	EPOST		
	Newpath	0.094	LB A/A	6	FL OZ/A	LPOST		
	Agridex	1	% V/V	1	% V/V	LPOST		
2	Newpath	0.0313	LB A/A	2	FL OZ/A	EPOST	0 a	0 a
	Agridex	1	% V/V	1	% V/V	EPOST		
	Newpath	0.094	LB A/A	6	FL OZ/A	LPOST		
	Agridex	1	% V/V	1	% V/V	LPOST		
3	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST	0 a	0 a
	Agridex	1	% V/V	1	% V/V	EPOST		
	Newpath	0.094	LB A/A	6	FL OZ/A	LPOST		
	Agridex	1	% V/V	1	% V/V	LPOST		
4	Newpath	0.0156	LB A/A	1	FL OZ/A	EPOST	0 a	0 a
	RiceBeaux	3.75	LB A/A	2.5	QT/A	EPOST		
	Agridex	1	% V/V	1	% V/V	EPOST		
	Newpath	0.094	LB A/A	6	FL OZ/A	LPOST		
	Agridex	1	% V/V	1	% V/V	LPOST		
5	Newpath	0.0313	LB A/A	2	FL OZ/A	EPOST	0 a	0 a
	RiceBeaux	3.75	LB A/A	2.5	QT/A	EPOST		
	Agridex	1	% V/V	1	% V/V	EPOST		
	Newpath	0.094	LB A/A	6	FL OZ/A	LPOST		
	Agridex	1	% V/V	1	% V/V	LPOST		
6	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST	0 a	0 a
	RiceBeaux	3.75	LB A/A	2.5	QT/A	EPOST		
	Agridex	1	% V/V	1	% V/V	EPOST		
	Newpath	0.094	LB A/A	6	FL OZ/A	LPOST		
	Agridex	1	% V/V	1	% V/V	LPOST		
7	RiceBeaux	3.75	LB A/A	2.5	QT/A	EPOST	0 a	0 a
	Newpath	0.094	LB A/A	6	FL OZ/A	LPOST		
	Agridex	1	% V/V	1	% V/V	LPOST		
8	Nontreated						0 a	0 a
LSD (P=.05)							0.0	0.0
Standard Deviation							0.0	0.0
CV							0.0	0.0
Grand Mean							0.0	0.0

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Tolerance of Clearfield Rice to Basis Applied 60, 45, 30, and 15 Days Preplant

Experiment number	**C10-20**
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
Planting date	5/28/10
Harvest date	9/20/10
Crop/Variety	CL131
Emergence date	6/3/10
Uniform std. treatment	N/A

Application type	60d Preplant	45d Preplant	30d Preplant	15d Preplant
Date applied [mm/dd/yy]	03/29/10	04/13/10	04/28/10	05/13/10
Time [hh:mm-hh:mm]	11:45-11:50A	9:00-9:10A	10:00-10:10A	8:50-9:05A
Incorporation equip./Depth:	N/A	N/A	N/A	N/A
Air/Soil temperature [F]	66/62	70/68	78/69	83/80
Relative humidity [%]	60	80	65	82
Wind [mph, direction]	5-6,N	8-10,E	3-5,SE	6-8,S
Weather [sunny, etc]	sunny	sunny	sunny	overcast
Soil/Leaf surface moist	dry/N/A	dry/N/A	dry/N/A	dry/N/A
Crop stage/Height	N/A	N/A	N/A	N/A
Sprayer type/MPH	CO_2BkPk/3	CO_2BkPk/3	CO_2BkPk/3	CO_2BkPk/3
Nozzle type/Size*	AMFF/110015	AMFF/110015	AMFF/110015	AMFF/110015
Boom ht/# Noz/Spacing	15/5/15	15/5/15	15/5/15	15/5/15
GPA/PSI	15/22	15/22	15/25	15/24
Applied by	TPC	EPW	TPC	TPC

Flush Dates	5/28/10
Permanent Flood	7/6/10

*AMFF – Air mix flat fan nozzles

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Tolerance of Clearfield Rice to Basis Applied 60, 45, 30, and 15 Days Preplant

Trial ID: C10-20 Protocol ID: C10-20
Location: RRS-Crowley, LA Study Director:
Investigator: Eric P. Webster

Pest Code							HEIGHT	HEIGHT	STAND CT	INJURY	INJURY
Rating Date							11/6/10	20/9/10	11/6/10	11/6/10	25/6/10
Rating Data Type							Avg. Height	Avg. Height	Avg. Stand		
Rating Unit							cm	cm	18" row	%	%
Trt-Eval Interval							14 da Plant	Harvest	14 da Plant	14 da Plant	28 da Plant
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	5	10	13	14	15
1	Basis 60 d PREPLANT	0.0234	LB A/A	0.5	OZ/A	60 D PREPL	14 a	91 a	10 ab	20 ab	0 a
2	Basis 45 d PREPLANT	0.0234	LB A/A	0.5	OZ/A	45 D PREPL	13 a	89 a	13 a	15 bc	0 a
3	Basis 30 d PREPLANT	0.0234	LB A/A	0.5	OZ/A	30 D PREPL	13 a	90 a	9 ab	20 ab	0 a
4	Basis 15 d PREPLANT	0.0234	LB A/A	0.5	OZ/A	15 D PREPL	12 a	92 a	10 ab	19 b	0 a
5	Basis 60 d PREPLANT	0.047	LB A/A	1	OZ/A	60 D PREPL	12 a	92 a	13 a	23 ab	0 a
6	Basis 45 d PREPLANT	0.047	LB A/A	1	OZ/A	45 D PREPL	13 a	86 a	5 c	35 a	0 a
7	Basis 30 d PREPLANT	0.047	LB A/A	1	OZ/A	30 D PREPL	14 a	91 a	11 ab	16 b	0 a
8	Basis 15 d PREPLANT	0.047	LB A/A	1	OZ/A	15 D PREPL	12 a	93 a	10 ab	19 b	0 a
9	Nontreated						12 a	92 a	8 bc	0 c	0 a
LSD (P=.05)							2.4	4.1	4.1	15.2	0.0
Standard Deviation							1.6	2.8	2.8	10.4	0.0
CV							12.88	3.11	28.91	56.42	0.0
Grand Mean							12.74	90.71	9.81	18.47	0.0

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Pest Code							
Rating Date							20/9/10
Rating Data Type							Yield @ 12%
Rating Unit							lb/Acre
Trt-Eval Interval							Harvest
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	18
1	Basis 60 d PREPLANT	0.0234	LB A/A	0.5	OZ/A	60 D PREPL	2298 a
2	Basis 45 d PREPLANT	0.0234	LB A/A	0.5	OZ/A	45 D PREPL	2645 a
3	Basis 30 d PREPLANT	0.0234	LB A/A	0.5	OZ/A	30 D PREPL	2212 a
4	Basis 15 d PREPLANT	0.0234	LB A/A	0.5	OZ/A	15 D PREPL	2799 a
5	Basis 60 d PREPLANT	0.047	LB A/A	1	OZ/A	60 D PREPL	2124 a
6	Basis 45 d PREPLANT	0.047	LB A/A	1	OZ/A	45 D PREPL	1991 a
7	Basis 30 d PREPLANT	0.047	LB A/A	1	OZ/A	30 D PREPL	2440 a
8	Basis 15 d PREPLANT	0.047	LB A/A	1	OZ/A	15 D PREPL	2457 a
9	Nontreated						2221 a
LSD (P=.05)							901.1
Standard Deviation							617.5
CV							26.23
Grand Mean							2354.2

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Evaluate the Efficacy of Liquid Facet and Liquid Facet plus Newpath

Experiment number..... : **C10-21**
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
Planting date ..... : 04/01/10
Harvest date..... : N/A
Crop/Variety ..... : CL 131
Emergence date..... : 04/19/10
Uniform std. treatment..... : N/A

Application type..... : EPOST
Date applied [mm/dd/yy] ..... : 04/27/10
Time [hh:mm-hh:mm]..... : 9:15-9:30A
Incorporation equip./Depth:..... : N/A
Air/Soil temperature [F] ..... : 78/75
Relative humidity [%]..... : 55
Wind [mph, direction] ..... : 2-4,W
Weather [sunny, etc] ..... : sunny
Soil/Leaf surface moist..... : dry/dry
Crop stage/Height ..... : 2-3lf/2-4"
Sprayer type/MPH..... : CO_2BkPk/3
Nozzle type/Size* ..... : AMFF/110015
Boom ht/# Noz/Spacing ..... : 15/5/15
GPA/PSI ..... : 15/25
Applied by..... : TPC

Weed Species (population)..... :---------- (height/#leaves) ----------
AESIN(5-10m^{-2})..... : ½-1"/1-2lf
BRAPP(200-300m^{-2}) ..... : ¼-2"/1-4lf
ECHCG(75-100m^{-2})…… ..... : ¼-1"/1-4lf
ECLAL(30-50m^{-2}) ..... : ¼-1"/1-3lf
SEBEX(5-10m^{-2})..... : 1-2"/1-3lf

Flush Dates ..... : 4/7, 4/15, 4/29, 5/7, 5/13
Permanent Flood..... : 5/27

*AMFF – Air mix flat fan nozzles

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Evaluate the Efficacy of Liquid Facet and Liquid Facet plus Newpath

Trial ID: C10-21 Protocol ID: C10-21
Location: RRS-Crowley, LA Study Director:
Investigator: Eric P. Webster

Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	1	2	3	4	5
Pest Code							BRAPP	BRAPP	BRAPP	BRAPP	ECHCG
Rating Date							19/5/10	24/5/10	8/6/10	22/6/10	19/5/10
Rating Data Type							Control	Control	Control	Control	Control
Rating Unit							%	%	%	%	%
Trt-Eval Interval							21 da EPOST	28 da EPOST	42 da EPOST	56 da EPOST	21 da EPOST
1	Nontreated						0 d	0 d	0 e	0 c	0 c
2	Facet	0.4	LB A/A	0.533	LB/A	EPOST	92 c	83 c	86 d	83 b	95 b
	Agri-Dex	1	% V/V	1	% V/V	EPOST					
3	Facet	0.4	LB A/A	34	FL OZ/A	EPOST	97 ab	88 bc	89 cd	89 ab	98 a
	Agri-Dex	1	% V/V	1	% V/V	EPOST					
4	Quinstar	0.4	LB A/A	13.5	FL OZ/A	EPOST	97 ab	88 bc	88 cd	86 ab	98 a
	Agri-Dex	1	% V/V	1	% V/V	EPOST					
5	Clearpath	0.375	LB A/A	0.5	LB/A	EPOST	98 a	96 a	90 bcd	83 b	97 ab
	Agri-Dex	1	% V/V	1	% V/V	EPOST					
6	Facet	0.4	LB A/A	34	FL OZ/A	EPOST	98 a	98 a	93 abc	84 ab	97 ab
	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST					
	Agri-Dex	1	% V/V	1	% V/V	EPOST					
7	Quinstar	0.4	LB A/A	13.5	FL OZ/A	EPOST	98 a	98 a	97 a	91 a	98 a
	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST					
	Agri-Dex	1	% V/V	1	% V/V	EPOST					
8	Broadhead	0.438	LB A/A	10	OZ WT/A	EPOST	95 bc	84 bc	86 d	84 ab	95 ab
	Agri-Dex	1	% V/V	1	% V/V	EPOST					
9	Broadhead	0.438	LB A/A	10	OZ WT/A	EPOST	95 abc	89 b	95 ab	90 ab	98 a
	Induce	0.25	% V/V	0.25	% V/V	EPOST					
10	Broadhead	0.438	LB A/A	10	OZ WT/A	EPOST	97 ab	95 a	93 abc	86 ab	97 ab
	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST					
	Agri-Dex	1	% V/V	1	% V/V	EPOST					
LSD (P=.05)							3.4	5.2	5.8	7.9	2.8
Standard Deviation							2.3	3.6	4.0	5.5	1.9
CV							2.69	4.36	4.87	7.03	2.18
Grand Mean							86.65	81.7	81.63	77.5	87.28

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Pest Code							ECHCG	ECHCG	ECHCG	ECLAL	ECLAL
Rating Date							24/5/10	8/6/10	22/6/10	19/5/10	24/5/10
Rating Data Type							Control	Control	Control	Control	Control
Rating Unit							%	%	%	%	%
Trt-Eval Interval							28 da EPOST	42 da EPOST	56 da EPOST	21 da EPOST	28 da EPOST
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	6	7	8	9	10
1	Nontreated						0 d	0 b	0 d	0 c	0 c
2	Facet	0.4	LB A/A	0.533	LB/A	EPOST	84 c	81 a	50 bc	98 a	98 a
	Agri-Dex	1	% V/V	1	% V/V	EPOST					
3	Facet	0.4	LB A/A	34	FL OZ/A	EPOST	83 c	81 a	50 bc	98 a	98 a
	Agri-Dex	1	% V/V	1	% V/V	EPOST					
4	Quinstar	0.4	LB A/A	13.5	FL OZ/A	EPOST	86 bc	78 a	53 bc	98 a	98 a
	Agri-Dex	1	% V/V	1	% V/V	EPOST					
5	Clearpath	0.375	LB A/A	0.5	LB/A	EPOST	97 a	85 a	61 b	98 a	98 a
	Agri-Dex	1	% V/V	1	% V/V	EPOST					
6	Facet	0.4	LB A/A	34	FL OZ/A	EPOST	98 a	86 a	50 bc	98 a	97 b
	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST					
	Agri-Dex	1	% V/V	1	% V/V	EPOST					
7	Quinstar	0.4	LB A/A	13.5	FL OZ/A	EPOST	98 a	86 a	75 a	97 ab	98 a
	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST					
	Agri-Dex	1	% V/V	1	% V/V	EPOST					
8	Broadhead	0.438	LB A/A	10	OZ WT/A	EPOST	84 c	75 a	48 c	96 b	98 a
	Agri-Dex	1	% V/V	1	% V/V	EPOST					
9	Broadhead	0.438	LB A/A	10	OZ WT/A	EPOST	92 ab	83 a	50 bc	98 a	98 a
	Induce	0.25	% V/V	0.25	% V/V	EPOST					
10	Broadhead	0.438	LB A/A	10	OZ WT/A	EPOST	96 a	86 a	50 bc	98 a	98 a
	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST					
	Agri-Dex	1	% V/V	1	% V/V	EPOST					
LSD (P=.05)							6.1	11.5	11.9	2.4	0.7
Standard Deviation							4.2	7.9	8.2	1.7	0.5
CV							5.13	10.69	16.87	1.9	0.54
Grand Mean							81.68	74.1	48.63	87.88	88.13

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Pest Code							ECLAL	SEBEX	SEBEX	SEBEX	SEBEX
Rating Date							22/6/10	19/5/10	24/5/10	8/6/10	22/6/10
Rating Data Type							Control	Control	Control	Control	Control
Rating Unit							%	%	%	%	%
Trt-Eval Interval							56 da EPOST	21 da EPOST	28 da EPOST	42 da EPOST	56 da EPOST
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	11	12	13	14	15
1	Nontreated						0 c	0 c	0 c	0 b	0 b
2	Facet	0.4	LB A/A	0.533	LB/A	EPOST	90 ab	98 a	98 a	98 a	97 a
	Agri-Dex	1	% V/V	1	% V/V	EPOST					
3	Facet	0.4	LB A/A	34	FL OZ/A	EPOST	91 ab	98 a	98 a	98 a	98 a
	Agri-Dex	1	% V/V	1	% V/V	EPOST					
4	Quinstar	0.4	LB A/A	13.5	FL OZ/A	EPOST	93 a	98 a	98 a	98 a	98 a
	Agri-Dex	1	% V/V	1	% V/V	EPOST					
5	Clearpath	0.375	LB A/A	0.5	LB/A	EPOST	90 ab	97 b	98 a	97 a	98 a
	Agri-Dex	1	% V/V	1	% V/V	EPOST					
6	Facet	0.4	LB A/A	34	FL OZ/A	EPOST	85 b	98 a	97 b	98 a	98 a
	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST					
	Agri-Dex	1	% V/V	1	% V/V	EPOST					
7	Quinstar	0.4	LB A/A	13.5	FL OZ/A	EPOST	89 ab	98 a	98 a	98 a	97 a
	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST					
	Agri-Dex	1	% V/V	1	% V/V	EPOST					
8	Broadhead	0.438	LB A/A	10	OZ WT/A	EPOST	88 ab	98 a	98 a	98 a	98 a
	Agri-Dex	1	% V/V	1	% V/V	EPOST					
9	Broadhead	0.438	LB A/A	10	OZ WT/A	EPOST	90 ab	98 a	98 a	97 a	98 a
	Induce	0.25	% V/V	0.25	% V/V	EPOST					
10	Broadhead	0.438	LB A/A	10	OZ WT/A	EPOST	88 ab	98 a	98 a	98 a	98 a
	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST					
	Agri-Dex	1	% V/V	1	% V/V	EPOST					
LSD (P=.05)							7.0	0.7	0.7	1.0	1.0
Standard Deviation							4.8	0.5	0.5	0.7	0.7
CV							5.98	0.54	0.54	0.78	0.78
Grand Mean							80.33	88.13	88.13	88.05	88.05

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Pest Code							AESIN	AESIN	AESIN	AESIN	INJURY
Rating Date							19/5/10	24/5/10	8/6/10	22/6/10	19/5/10
Rating Data Type							Control	Control	Control	Control	
Rating Unit							%	%	%	%	%
Trt-Eval Interval							21 da EPOST	28 da EPOST	42 da EPOST	56 da EPOST	21 da EPOST
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	16	17	18	19	20
1	Nontreated						0 b	0 b	0 b	0 c	0 a
2	Facet	0.4	LB A/A	0.533	LB/A	EPOST	97 a	98 a	98 a	97 b	0 a
	Agri-Dex	1	% V/V	1	% V/V	EPOST					
3	Facet	0.4	LB A/A	34	FL OZ/A	EPOST	98 a	98 a	98 a	98 a	0 a
	Agri-Dex	1	% V/V	1	% V/V	EPOST					
4	Quinstar	0.4	LB A/A	13.5	FL OZ/A	EPOST	97 a	98 a	98 a	98 a	0 a
	Agri-Dex	1	% V/V	1	% V/V	EPOST					
5	Clearpath	0.375	LB A/A	0.5	LB/A	EPOST	98 a	97 a	97 a	98 a	0 a
	Agri-Dex	1	% V/V	1	% V/V	EPOST					
6	Facet	0.4	LB A/A	34	FL OZ/A	EPOST	98 a	98 a	98 a	98 a	0 a
	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST					
	Agri-Dex	1	% V/V	1	% V/V	EPOST					
7	Quinstar	0.4	LB A/A	13.5	FL OZ/A	EPOST	98 a	98 a	98 a	98 a	0 a
	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST					
	Agri-Dex	1	% V/V	1	% V/V	EPOST					
8	Broadhead	0.438	LB A/A	10	OZ WT/A	EPOST	98 a	97 a	98 a	98 a	0 a
	Agri-Dex	1	% V/V	1	% V/V	EPOST					
9	Broadhead	0.438	LB A/A	10	OZ WT/A	EPOST	98 a	98 a	97 a	98 a	0 a
	Induce	0.25	% V/V	0.25	% V/V	EPOST					
10	Broadhead	0.438	LB A/A	10	OZ WT/A	EPOST	98 a	98 a	98 a	98 a	0 a
	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST					
	Agri-Dex	1	% V/V	1	% V/V	EPOST					
LSD (P=.05)							1.0	0.9	1.0	0.7	0.0
Standard Deviation							0.7	0.6	0.7	0.5	0.0
CV							0.78	0.72	0.78	0.54	0.0
Grand Mean							88.05	88.05	88.05	88.13	0.0

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Pest Code							INJURY	INJURY	INJURY
Rating Date							24/5/10	8/6/10	22/6/10
Rating Data Type									
Rating Unit							%	%	%
Trt-Eval Interval							28 da EPOST	42 da EPOST	56 da EPOST
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	21	22	23
1	Nontreated						0 a	0 a	0 a
2	Facet	0.4	LB A/A	0.533	LB/A	EPOST	0 a	0 a	0 a
	Agri-Dex	1	% V/V	1	% V/V	EPOST			
3	Facet	0.4	LB A/A	34	FL OZ/A	EPOST	0 a	0 a	0 a
	Agri-Dex	1	% V/V	1	% V/V	EPOST			
4	Quinstar	0.4	LB A/A	13.5	FL OZ/A	EPOST	0 a	0 a	0 a
	Agri-Dex	1	% V/V	1	% V/V	EPOST			
5	Clearpath	0.375	LB A/A	0.5	LB/A	EPOST	0 a	0 a	0 a
	Agri-Dex	1	% V/V	1	% V/V	EPOST			
6	Facet	0.4	LB A/A	34	FL OZ/A	EPOST	0 a	0 a	0 a
	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST			
	Agri-Dex	1	% V/V	1	% V/V	EPOST			
7	Quinstar	0.4	LB A/A	13.5	FL OZ/A	EPOST	0 a	0 a	0 a
	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST			
	Agri-Dex	1	% V/V	1	% V/V	EPOST			
8	Broadhead	0.438	LB A/A	10	OZ WT/A	EPOST	0 a	0 a	0 a
	Agri-Dex	1	% V/V	1	% V/V	EPOST			
9	Broadhead	0.438	LB A/A	10	OZ WT/A	EPOST	0 a	0 a	0 a
	Induce	0.25	% V/V	0.25	% V/V	EPOST			
10	Broadhead	0.438	LB A/A	10	OZ WT/A	EPOST	0 a	0 a	0 a
	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST			
	Agri-Dex	1	% V/V	1	% V/V	EPOST			
LSD (P=.05)							0.0	0.0	0.0
Standard Deviation							0.0	0.0	0.0
CV							0.0	0.0	0.0
Grand Mean							0.0	0.0	0.0

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Beyond plus ACCase Tankmixes

Experiment number..... :	**C10-22**
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
Planting date ..... :	4/6/10
Harvest date..... :	N/A
Crop/Variety ..... :	CL131
Emergence date..... :	4/26/10
Uniform std. treatment..... :	N/A

Application type..... :	VEPOST	MPOST
Date applied [mm/dd/yy] ..... :	04/26/10	05/10/10
Time [hh:mm-hh:mm]..... :	1:40-1:50P	1:00-1:10P
Incorporation equip./Depth:..... :	N/A	N/A
Air/Soil temperature [F] ..... :	83/73	84/78
Relative humidity [%]..... :	53	77
Wind [mph, direction] ..... :	4-7,W	6-7, S
Weather [sunny, etc] ..... :	sunny	sunny
Soil/Leaf surface moist..... :	dry/dry	moist/dry
Crop stage/Height ..... :	1lf/½-1"	3-4lf/4-6"
Sprayer type/MPH..... :	CO_2BkPk/3	CO_2BkPk/3
Nozzle type/Size* ..... :	AMFF/110015	AMFF/110015
Boom ht/# Noz/Spacing ..... :	15/5/15	15/5/15
GPA/PSI ..... :	15/25	15/30
Applied by..... :	JBH	EPW

Weed Species (population)..... :	---------- (height/#leaves) ----------
ECHCG (40-50 m^{-2})..... :	1-3"/2-4lf
ORYSA (10-30 m^{-2}) ..... :	3-5"/2-3lf
BRAPP (20-30 m^{-2})……..... :	1-3"/2-4lf

Flush Dates ..... :	4/15, 4/29, 5/7, 5/13
Permanent Flood..... :	5/27

*AMFF – Air mix flat fan nozzles

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Beyond plus ACCase Tankmixes

Trial ID: C10-22 Protocol ID: C10-22
Location: RRS-Crowley, LA Study Director:
Investigator: Eric P. Webster

Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	1	2	3	4	5
Pest Code							ORYSA	ORYSA	ORYSA	ORYSA	ECHCG
Rating Date							19/5/10	26/5/10	7/6/10	21/6/10	19/5/10
Rating Data Type							Control	Control	Control	Control	Control
Rating Unit							%	%	%	%	%
Trt-Eval Interval							9 da MPOST	16 da MPOST	28 da MPOST	42 da MPOST	9 da MPOST
1	Nontreated						0 b	0 b	0 b	0 b	0 b
2	Newpath	0.094	LB A/A	6	FL OZ/A	VEPOST	94 a	97 a	98 a	98 a	93 a
	Agri-Dex	1	% V/V	1	% V/V	VEPOST					
	Beyond	0.039	LB A/A	5	FL OZ/A	MPOST					
	Agri-Dex	1	% V/V	1	% V/V	MPOST					
3	Newpath	0.094	LB A/A	6	FL OZ/A	VEPOST	91 a	98 a	97 a	94 a	91 a
	Agri-Dex	1	% V/V	1	% V/V	VEPOST					
	Clincher	0.28	LB A/A	15	FL OZ/A	MPOST					
	Agri-Dex	1	% V/V	1	% V/V	MPOST					
4	Newpath	0.094	LB A/A	6	FL OZ/A	VEPOST	93 a	98 a	98 a	98 a	94 a
	Agri-Dex	1	% V/V	1	% V/V	VEPOST					
	Ricestar HT	0.077	LB A/A	17	FL OZ/A	MPOST					
	Agri-Dex	1	% V/V	1	% V/V	MPOST					
5	Newpath	0.094	LB A/A	6	FL OZ/A	VEPOST	94 a	98 a	98 a	97 a	90 a
	Agri-Dex	1	% V/V	1	% V/V	VEPOST					
	Beyond	0.039	LB A/A	5	FL OZ/A	MPOST					
	Clincher	0.28	LB A/A	15	FL OZ/A	MPOST					
	Agri-Dex	1	% V/V	1	% V/V	MPOST					
6	Newpath	0.094	LB A/A	6	FL OZ/A	VEPOST	94 a	98 a	98 a	98 a	91 a
	Agri-Dex	1	% V/V	1	% V/V	VEPOST					
	Beyond	0.039	LB A/A	5	FL OZ/A	MPOST					
	Ricestar HT	0.077	LB A/A	17	FL OZ/A	MPOST					
	Agri-Dex	1	% V/V	1	% V/V	MPOST					
7	Newpath	0.094	LB A/A	6	FL OZ/A	VEPOST	94 a	98 a	98 a	97 a	91 a
	Agri-Dex	1	% V/V	1	% V/V	VEPOST					
	Beyond	0.039	LB A/A	5	FL OZ/A	MPOST					
	Ricestar HT	0.109	LB A/A	24	FL OZ/A	MPOST					
	Agri-Dex	1	% V/V	1	% V/V	MPOST					
LSD (P=.05)							3.7	0.8	0.8	5.1	4.0
Standard Deviation							2.5	0.6	0.6	3.4	2.7
CV							3.08	0.68	0.68	4.1	3.4
Grand Mean							79.82	83.89	83.89	82.93	78.57

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

LSU AgCenter
School of Plant, Environmental and Soil Sciences

Pest Code							ECHCG	ECHCG	ECHCG	BRAPP	BRAPP
Rating Date							26/5/10	7/6/10	21/6/10	19/5/10	26/5/10
Rating Data Type							Control	Control	Control	Control	Control
Rating Unit							%	%	%	%	%
Trt-Eval Interval							16 da MPOST	28 da MPOST	42 da MPOST	9 da MPOST	16 da MPOST
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	6	7	8	9	10
1	Nontreated						0 b	0 b	0 c	0 b	0 b
2	Newpath	0.094	LB A/A	6	FL OZ/A	VEPOST	97 a	98 a	97 ab	93 a	97 a
	Agri-Dex	1	% V/V	1	% V/V	VEPOST					
	Beyond	0.039	LB A/A	5	FL OZ/A	MPOST					
	Agri-Dex	1	% V/V	1	% V/V	MPOST					
3	Newpath	0.094	LB A/A	6	FL OZ/A	VEPOST	98 a	98 a	95 b	91 a	98 a
	Agri-Dex	1	% V/V	1	% V/V	VEPOST					
	Clincher	0.28	LB A/A	15	FL OZ/A	MPOST					
	Agri-Dex	1	% V/V	1	% V/V	MPOST					
4	Newpath	0.094	LB A/A	6	FL OZ/A	VEPOST	98 a	97 a	97 ab	93 a	98 a
	Agri-Dex	1	% V/V	1	% V/V	VEPOST					
	Ricestar HT	0.077	LB A/A	17	FL OZ/A	MPOST					
	Agri-Dex	1	% V/V	1	% V/V	MPOST					
5	Newpath	0.094	LB A/A	6	FL OZ/A	VEPOST	98 a	98 a	98 a	94 a	98 a
	Agri-Dex	1	% V/V	1	% V/V	VEPOST					
	Beyond	0.039	LB A/A	5	FL OZ/A	MPOST					
	Clincher	0.28	LB A/A	15	FL OZ/A	MPOST					
	Agri-Dex	1	% V/V	1	% V/V	MPOST					
6	Newpath	0.094	LB A/A	6	FL OZ/A	VEPOST	98 a	98 a	98 a	93 a	98 a
	Agri-Dex	1	% V/V	1	% V/V	VEPOST					
	Beyond	0.039	LB A/A	5	FL OZ/A	MPOST					
	Ricestar HT	0.077	LB A/A	17	FL OZ/A	MPOST					
	Agri-Dex	1	% V/V	1	% V/V	MPOST					
7	Newpath	0.094	LB A/A	6	FL OZ/A	VEPOST	98 a	98 a	98 a	93 a	98 a
	Agri-Dex	1	% V/V	1	% V/V	VEPOST					
	Beyond	0.039	LB A/A	5	FL OZ/A	MPOST					
	Ricestar HT	0.109	LB A/A	24	FL OZ/A	MPOST					
	Agri-Dex	1	% V/V	1	% V/V	MPOST					
LSD (P=.05)							0.8	0.8	2.5	3.8	0.8
Standard Deviation							0.6	0.6	1.7	2.5	0.6
CV							0.68	0.68	2.02	3.2	0.68
Grand Mean							83.89	83.89	83.39	79.29	83.89

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

LSU AgCenter
School of Plant, Environmental and Soil Sciences

Pest Code							BRAPP	BRAPP	INJURY	INJURY	INJURY
Rating Date							7/6/10	21/6/10	19/5/10	26/5/10	7/6/10
Rating Data Type							Control	Control			
Rating Unit							%	%	%	%	%
Trt-Eval Interval							28 da MPOST	42 da MPOST	9 da MPOST	16 da MPOST	28 da MPOST
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	11	12	13	14	15
1	Nontreated						0 b	0 c	0 a	0 a	0 a
2	Newpath	0.094	LB A/A	6	FL OZ/A	VEPOST	96 a	98 a	0 a	0 a	0 a
	Agri-Dex	1	% V/V	1	% V/V	VEPOST					
	Beyond	0.039	LB A/A	5	FL OZ/A	MPOST					
	Agri-Dex	1	% V/V	1	% V/V	MPOST					
3	Newpath	0.094	LB A/A	6	FL OZ/A	VEPOST	98 a	98 a	0 a	0 a	0 a
	Agri-Dex	1	% V/V	1	% V/V	VEPOST					
	Clincher	0.28	LB A/A	15	FL OZ/A	MPOST					
	Agri-Dex	1	% V/V	1	% V/V	MPOST					
4	Newpath	0.094	LB A/A	6	FL OZ/A	VEPOST	97 a	98 a	0 a	0 a	0 a
	Agri-Dex	1	% V/V	1	% V/V	VEPOST					
	Ricestar HT	0.077	LB A/A	17	FL OZ/A	MPOST					
	Agri-Dex	1	% V/V	1	% V/V	MPOST					
5	Newpath	0.094	LB A/A	6	FL OZ/A	VEPOST	98 a	98 a	0 a	0 a	0 a
	Agri-Dex	1	% V/V	1	% V/V	VEPOST					
	Beyond	0.039	LB A/A	5	FL OZ/A	MPOST					
	Clincher	0.28	LB A/A	15	FL OZ/A	MPOST					
	Agri-Dex	1	% V/V	1	% V/V	MPOST					
6	Newpath	0.094	LB A/A	6	FL OZ/A	VEPOST	98 a	97 b	0 a	0 a	0 a
	Agri-Dex	1	% V/V	1	% V/V	VEPOST					
	Beyond	0.039	LB A/A	5	FL OZ/A	MPOST					
	Ricestar HT	0.077	LB A/A	17	FL OZ/A	MPOST					
	Agri-Dex	1	% V/V	1	% V/V	MPOST					
7	Newpath	0.094	LB A/A	6	FL OZ/A	VEPOST	98 a	97 ab	0 a	0 a	0 a
	Agri-Dex	1	% V/V	1	% V/V	VEPOST					
	Beyond	0.039	LB A/A	5	FL OZ/A	MPOST					
	Ricestar HT	0.109	LB A/A	24	FL OZ/A	MPOST					
	Agri-Dex	1	% V/V	1	% V/V	MPOST					
LSD (P=.05)							2.4	1.2	0.0	0.0	0.0
Standard Deviation							1.6	0.8	0.0	0.0	0.0
CV							1.97	0.98	0.0	0.0	0.0
Grand Mean							83.61	83.68	0.0	0.0	0.0

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

LSU AgCenter
School of Plant, Environmental and Soil Sciences

Pest Code							INJURY
Rating Date							21/6/10
Rating Data Type							
Rating Unit							%
Trt-Eval Interval							42 da MPOST
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	16
1	Nontreated						0 a
2	Newpath	0.094	LB A/A	6	FL OZ/A	VEPOST	0 a
	Agri-Dex	1	% V/V	1	% V/V	VEPOST	
	Beyond	0.039	LB A/A	5	FL OZ/A	MPOST	
	Agri-Dex	1	% V/V	1	% V/V	MPOST	
3	Newpath	0.094	LB A/A	6	FL OZ/A	VEPOST	0 a
	Agri-Dex	1	% V/V	1	% V/V	VEPOST	
	Clincher	0.28	LB A/A	15	FL OZ/A	MPOST	
	Agri-Dex	1	% V/V	1	% V/V	MPOST	
4	Newpath	0.094	LB A/A	6	FL OZ/A	VEPOST	0 a
	Agri-Dex	1	% V/V	1	% V/V	VEPOST	
	Ricestar HT	0.077	LB A/A	17	FL OZ/A	MPOST	
	Agri-Dex	1	% V/V	1	% V/V	MPOST	
5	Newpath	0.094	LB A/A	6	FL OZ/A	VEPOST	0 a
	Agri-Dex	1	% V/V	1	% V/V	VEPOST	
	Beyond	0.039	LB A/A	5	FL OZ/A	MPOST	
	Clincher	0.28	LB A/A	15	FL OZ/A	MPOST	
	Agri-Dex	1	% V/V	1	% V/V	MPOST	
6	Newpath	0.094	LB A/A	6	FL OZ/A	VEPOST	0 a
	Agri-Dex	1	% V/V	1	% V/V	VEPOST	
	Beyond	0.039	LB A/A	5	FL OZ/A	MPOST	
	Ricestar HT	0.077	LB A/A	17	FL OZ/A	MPOST	
	Agri-Dex	1	% V/V	1	% V/V	MPOST	
7	Newpath	0.094	LB A/A	6	FL OZ/A	VEPOST	0 a
	Agri-Dex	1	% V/V	1	% V/V	VEPOST	
	Beyond	0.039	LB A/A	5	FL OZ/A	MPOST	
	Ricestar HT	0.109	LB A/A	24	FL OZ/A	MPOST	
	Agri-Dex	1	% V/V	1	% V/V	MPOST	
LSD (P=.05)							0.0
Standard Deviation							0.0
CV							0.0
Grand Mean							0.0

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

LSU AgCenter
School of Plant, Environmental and Soil Sciences

Newpath plus Prowl 3.3EC Compared with Newpath plus Command

Experiment number	**C10-23**
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
Planting date	04/01/10
Harvest date	8/10/10
Crop/Variety	CL131
Emergence date	04/19/10
Uniform std. treatment	N/A

Application type	1-2LF	4-5LF
Date applied [mm/dd/yy]	04/21/10	05/10/10
Time [hh:mm-hh:mm]	3:15-3:25P	12:45-12:55P
Incorporation equip./Depth:	N/A	N/A
Air/Soil temperature [F]	90/80	84/76
Relative humidity [%]	66	77
Wind [mph, direction]	2-4,ESE	5-7, S
Weather [sunny, etc]	sunny	sunny
Soil/Leaf surface moist	moist/dry	drydry
Crop stage/Height	1lf/1/2-1"	4-5lf/6-8"
Sprayer type/MPH	CO_2BkPk/3	CO_2BkPk/3
Nozzle type/Size*	AMFF/110015	AMFF/110015
Boom ht/# Noz/Spacing	15/5/15	15/5/15
GPA/PSI	15/24	15/25
Applied by	TPC	EPW

Weed Species (population)	---------- (height/#leaves) ----------	
BRAPP(100-150m^{-2})	½-1"/1-2lf	½-2"/2-4lf
ECHCG(50-100m^{-2})	½-1"/ 1-3lf	½-2"/2-4lf

Flush Dates	4/7, 4/15, 4/29, 5/13
Permanent Flood	5/27

*AMFF – Air mix flat fan nozzles

LSU AgCenter
School of Plant, Environmental and Soil Sciences

Newpath plus Prowl 3.3EC Compared with Newpath plus Command

Trial ID: C10-23 Protocol ID: C10-23
Location: RRS-Crowley, LA Study Director:
Investigator: Eric P. Webster

Pest Code							BRAPP	BRAPP	BRAPP	BRAPP	ECHCG	ECHCG
Rating Date							19/5/10	24/5/10	8/6/10	21/6/10	19/5/10	24/5/10
Rating Data Type							Control	Control	Control	Control	Control	Control
Rating Unit							%	%	%	%	%	%
Trt-Eval Interval							9 da 4-5LF	14 da 4-5LF	29 da 4-5LF	42 da 4-5LF	9 da 4-5LF	14 da 4-5LF
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	1	2	3	4	5	6
1	Nontreated						0 b	0 b	0 b	0 b	0 b	0 b
2	Newpath	0.078	LB A/A	5	FL OZ/A	1-2 Leaf	97 a	97 a	95 a	97 a	97 a	97 a
	Agri-Dex	1	% V/V	1	% V/V	1-2 Leaf						
	Newpath	0.078	LB A/A	5	FL OZ/A	4-5 Leaf						
	Agri-Dex	1	% V/V	1	% V/V	4-5 Leaf						
3	Newpath	0.078	LB A/A	5	FL OZ/A	1-2 Leaf	98 a	98 a	95 a	98 a	98 a	98 a
	Prowl	0.99	LB A/A	2.4	PT/A	1-2 Leaf						
	Agri-Dex	1	% V/V	1	% V/V	1-2 Leaf						
	Newpath	0.078	LB A/A	5	FL OZ/A	4-5 Leaf						
	Agri-Dex	1	% V/V	1	% V/V	4-5 Leaf						
4	Newpath	0.078	LB A/A	5	FL OZ/A	1-2 Leaf	98 a	98 a	95 a	98 a	98 a	98 a
	Agri-Dex	1	% V/V	1	% V/V	1-2 Leaf						
	Newpath	0.078	LB A/A	5	FL OZ/A	4-5 Leaf						
	Prowl	0.99	LB A/A	2.4	PT/A	4-5 Leaf						
	Agri-Dex	1	% V/V	1	% V/V	4-5 Leaf						
5	Newpath	0.078	LB A/A	5	FL OZ/A	1-2 Leaf	98 a	98 a	95 a	98 a	98 a	98 a
	Prowl	0.99	LB A/A	2.4	PT/A	1-2 Leaf						
	Agri-Dex	1	% V/V	1	% V/V	1-2 Leaf						
	Newpath	0.078	LB A/A	5	FL OZ/A	4-5 Leaf						
	Prowl	0.99	LB A/A	2.4	PT/A	4-5 Leaf						
	Agri-Dex	1	% V/V	1	% V/V	4-5 Leaf						
6	Newpath	0.078	LB A/A	5	FL OZ/A	1-2 Leaf	98 a	98 a	95 a	98 a	98 a	98 a
	Command	0.3	LB A/A	12.8	FL OZ/A	1-2 Leaf						
	Agri-Dex	1	% V/V	1	% V/V	1-2 Leaf						
	Newpath	0.078	LB A/A	5	FL OZ/A	4-5 Leaf						
	Agri-Dex	1	% V/V	1	% V/V	4-5 Leaf						
7	Newpath	0.078	LB A/A	5	FL OZ/A	1-2 Leaf	98 a	98 a	95 a	98 a	97 a	98 a
	Agri-Dex	1	% V/V	1	% V/V	1-2 Leaf						
	Newpath	0.078	LB A/A	5	FL OZ/A	4-5 Leaf						
	Command	0.3	LB A/A	12.8	FL OZ/A	4-5 Leaf						
	Agri-Dex	1	% V/V	1	% V/V	4-5 Leaf						
8	Newpath	0.078	LB A/A	5	FL OZ/A	1-2 Leaf	98 a	98 a	96 a	98 a	98 a	98 a
	Command	0.3	LB A/A	12.8	FL OZ/A	1-2 Leaf						
	Agri-Dex	1	% V/V	1	% V/V	1-2 Leaf						
	Newpath	0.078	LB A/A	5	FL OZ/A	4-5 Leaf						
	Command	0.3	LB A/A	12.8	FL OZ/A	4-5 Leaf						
	Agri-Dex	1	% V/V	1	% V/V	4-5 Leaf						
LSD (P=.05)							0.8	0.8	0.8	0.8	1.1	0.8
Standard Deviation							0.5	0.5	0.5	0.5	0.8	0.5
CV							0.62	0.62	0.64	0.62	0.9	0.62
Grand Mean							85.66	85.66	83.22	85.66	85.56	85.66

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

LSU AgCenter
School of Plant, Environmental and Soil Sciences

Pest Code							ECHCG	ECHCG	INJURY	INJURY	INJURY	INJURY
Rating Date							8/6/10	21/6/10	19/5/10	24/5/10	8/6/10	21/6/10
Rating Data Type							Control	Control				
Rating Unit							%	%	%	%	%	%
Trt-Eval Interval							29 da 4-5LF	42 da 4-5LF	9 da 4-5LF	14 da 4-5LF	29 da 4-5LF	42 da 4-5LF
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	7	8	9	10	11	12
1	Nontreated						0 b	0 d	0 a	0 a	0 a	0 a
2	Newpath	0.078	LB A/A	5	FL OZ/A	1-2 Leaf	95 a	95 bc	0 a	0 a	0 a	0 a
	Agri-Dex	1	% V/V	1	% V/V	1-2 Leaf						
	Newpath	0.078	LB A/A	5	FL OZ/A	4-5 Leaf						
	Agri-Dex	1	% V/V	1	% V/V	4-5 Leaf						
3	Newpath	0.078	LB A/A	5	FL OZ/A	1-2 Leaf	95 a	97 ab	0 a	0 a	0 a	0 a
	Prowl	0.99	LB A/A	2.4	PT/A	1-2 Leaf						
	Agri-Dex	1	% V/V	1	% V/V	1-2 Leaf						
	Newpath	0.078	LB A/A	5	FL OZ/A	4-5 Leaf						
	Agri-Dex	1	% V/V	1	% V/V	4-5 Leaf						
4	Newpath	0.078	LB A/A	5	FL OZ/A	1-2 Leaf	95 a	94 c	0 a	0 a	0 a	0 a
	Agri-Dex	1	% V/V	1	% V/V	1-2 Leaf						
	Newpath	0.078	LB A/A	5	FL OZ/A	4-5 Leaf						
	Prowl	0.99	LB A/A	2.4	PT/A	4-5 Leaf						
	Agri-Dex	1	% V/V	1	% V/V	4-5 Leaf						
5	Newpath	0.078	LB A/A	5	FL OZ/A	1-2 Leaf	95 a	98 a	0 a	0 a	0 a	0 a
	Prowl	0.99	LB A/A	2.4	PT/A	1-2 Leaf						
	Agri-Dex	1	% V/V	1	% V/V	1-2 Leaf						
	Newpath	0.078	LB A/A	5	FL OZ/A	4-5 Leaf						
	Prowl	0.99	LB A/A	2.4	PT/A	4-5 Leaf						
	Agri-Dex	1	% V/V	1	% V/V	4-5 Leaf						
6	Newpath	0.078	LB A/A	5	FL OZ/A	1-2 Leaf	95 a	97 abc	0 a	0 a	0 a	0 a
	Command	0.3	LB A/A	12.8	FL OZ/A	1-2 Leaf						
	Agri-Dex	1	% V/V	1	% V/V	1-2 Leaf						
	Newpath	0.078	LB A/A	5	FL OZ/A	4-5 Leaf						
	Agri-Dex	1	% V/V	1	% V/V	4-5 Leaf						
7	Newpath	0.078	LB A/A	5	FL OZ/A	1-2 Leaf	95 a	98 a	0 a	0 a	0 a	0 a
	Agri-Dex	1	% V/V	1	% V/V	1-2 Leaf						
	Newpath	0.078	LB A/A	5	FL OZ/A	4-5 Leaf						
	Command	0.3	LB A/A	12.8	FL OZ/A	4-5 Leaf						
	Agri-Dex	1	% V/V	1	% V/V	4-5 Leaf						
8	Newpath	0.078	LB A/A	5	FL OZ/A	1-2 Leaf	96 a	98 a	0 a	0 a	0 a	0 a
	Command	0.3	LB A/A	12.8	FL OZ/A	1-2 Leaf						
	Agri-Dex	1	% V/V	1	% V/V	1-2 Leaf						
	Newpath	0.078	LB A/A	5	FL OZ/A	4-5 Leaf						
	Command	0.3	LB A/A	12.8	FL OZ/A	4-5 Leaf						
	Agri-Dex	1	% V/V	1	% V/V	4-5 Leaf						
LSD (P=.05)							0.8	3.2	0.0	0.0	0.0	0.0
Standard Deviation							0.5	2.2	0.0	0.0	0.0	0.0
CV							0.64	2.61	0.0	0.0	0.0	0.0
Grand Mean							83.22	84.53	0.0	0.0	0.0	0.0

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

LSU AgCenter
School of Plant, Environmental and Soil Sciences

Pest Code								
Rating Date							10/8/10	10/8/10
Rating Data Type							Yield @ 12%	Avg. Height
Rating Unit							lb/Acre	cm
Trt-Eval Interval							Harvest	Harvest
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	15	18
1	Nontreated						0 c	87 a
2	Newpath	0.078	LB A/A	5	FL OZ/A	1-2 Leaf	6581 b	88 a
	Agri-Dex	1	% V/V	1	% V/V	1-2 Leaf		
	Newpath	0.078	LB A/A	5	FL OZ/A	4-5 Leaf		
	Agri-Dex	1	% V/V	1	% V/V	4-5 Leaf		
3	Newpath	0.078	LB A/A	5	FL OZ/A	1-2 Leaf	6771 b	86 a
	Prowl	0.99	LB A/A	2.4	PT/A	1-2 Leaf		
	Agri-Dex	1	% V/V	1	% V/V	1-2 Leaf		
	Newpath	0.078	LB A/A	5	FL OZ/A	4-5 Leaf		
	Agri-Dex	1	% V/V	1	% V/V	4-5 Leaf		
4	Newpath	0.078	LB A/A	5	FL OZ/A	1-2 Leaf	7070 ab	87 a
	Agri-Dex	1	% V/V	1	% V/V	1-2 Leaf		
	Newpath	0.078	LB A/A	5	FL OZ/A	4-5 Leaf		
	Prowl	0.99	LB A/A	2.4	PT/A	4-5 Leaf		
	Agri-Dex	1	% V/V	1	% V/V	4-5 Leaf		
5	Newpath	0.078	LB A/A	5	FL OZ/A	1-2 Leaf	8074 a	87 a
	Prowl	0.99	LB A/A	2.4	PT/A	1-2 Leaf		
	Agri-Dex	1	% V/V	1	% V/V	1-2 Leaf		
	Newpath	0.078	LB A/A	5	FL OZ/A	4-5 Leaf		
	Prowl	0.99	LB A/A	2.4	PT/A	4-5 Leaf		
	Agri-Dex	1	% V/V	1	% V/V	4-5 Leaf		
6	Newpath	0.078	LB A/A	5	FL OZ/A	1-2 Leaf	6960 ab	87 a
	Command	0.3	LB A/A	12.8	FL OZ/A	1-2 Leaf		
	Agri-Dex	1	% V/V	1	% V/V	1-2 Leaf		
	Newpath	0.078	LB A/A	5	FL OZ/A	4-5 Leaf		
	Agri-Dex	1	% V/V	1	% V/V	4-5 Leaf		
7	Newpath	0.078	LB A/A	5	FL OZ/A	1-2 Leaf	7030 ab	90 a
	Agri-Dex	1	% V/V	1	% V/V	1-2 Leaf		
	Newpath	0.078	LB A/A	5	FL OZ/A	4-5 Leaf		
	Command	0.3	LB A/A	12.8	FL OZ/A	4-5 Leaf		
	Agri-Dex	1	% V/V	1	% V/V	4-5 Leaf		
8	Newpath	0.078	LB A/A	5	FL OZ/A	1-2 Leaf	7279 ab	87 a
	Command	0.3	LB A/A	12.8	FL OZ/A	1-2 Leaf		
	Agri-Dex	1	% V/V	1	% V/V	1-2 Leaf		
	Newpath	0.078	LB A/A	5	FL OZ/A	4-5 Leaf		
	Command	0.3	LB A/A	12.8	FL OZ/A	4-5 Leaf		
	Agri-Dex	1	% V/V	1	% V/V	4-5 Leaf		
LSD (P=.05)							1138.5	4.6
Standard Deviation							774.1	3.1
CV							12.44	3.58
Grand Mean							6220.77	87.45

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Split Application of V-10142 Applied PRE and EPOST in Water-seeded Rice

Experiment number	**C10-24**
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
Planting date	4/7/10
Harvest date	N/A
Crop/Variety	CL 131
Emergence date	4/14/10
Uniform std. treatment	N/A

Application type	PRE	EPOST
Date applied [mm/dd/yy]	04/06/10	05/04/10
Time [hh:mm-hh:mm]	9:30-9:35A	10:30-10:35A
Incorporation equip./Depth:	N/A	N/A
Air/Soil temperature [F]	74/70	81/78
Relative humidity [%]	80	71
Wind [mph, direction]	5-7,S	0-2,NE
Weather [sunny, etc]	pt cloudy	sunny
Soil/Leaf surface moist	dry/N/A	flood/dry
Crop stage/Height	N/A	2-3lf/3-5"
Sprayer type/MPH	CO_2BkPk/3	CO_2BkPk/3
Nozzle type/Size*	AMFF/110015	AMFF/110015
Boom ht/# Noz/Spacing	15/5/15	15/5/15
GPA/PSI	15/22	15/24
Applied by	JBH	EPW

Weed Species (population)	(height/#leaves)
ALRPH(2-5m^{-2})	1-6"/2-20lf
CNPPA(3-5m^{-2})	1-2"/cot-1lf
CYPES(10-15m^{-2})	3-8"/1-6lf
CYPIR(100-125m^{-2})	1-3"/1-3lf
SEBEX(4-8m^{-2})	2-4"/cot-4lf

Flush Dates	4/7, 4/15, 4/29, 5/13
Permanent Flood	5/27

*AMFF – Air mix flat fan nozzles

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Split Applications of V-10142 Applied PRE and EPOST in Water-seeded Rice

Trial ID: C10-24 Protocol ID: C10-24
Location: RRS-Crowley, LA Study Director:
Investigator: Eric P. Webster

Pest Code							BRAPP	BRAPP	BRAPP	BRAPP	BRAPP	ECHCG
Rating Date							28/4/10	19/5/10	24/5/10	14/6/10	21/6/10	28/4/10
Rating Data Type							Control	Control	Control	Control	Control	Control
Rating Unit							%	%	%	%	%	%
Trt-Eval Interval							28daPRE	21daEPOST	28daEPOST	49daEPOST	56daEPOST	28daPRE
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	1	2	3	4	5	6
1	Nontreated						0 b	0 b	0 b	0 b	0 c	0 b
2	V-10142	0.152	LB A/A	3.25	OZ/A	PRE	97 a	97 a	97 a	97 a	98 a	97 a
	Command	0.3	LB A/A	0.8	PT/A	PRE						
	V-10142	0.152	LB A/A	3.25	OZ/A	EPOST						
	Regiment	0.005	LB A/A	0.1	OZ/A	EPOST						
	Dyne-A-Pak	1	% V/V	1	% V/V	EPOST						
3	V-10142	0.152	LB A/A	3.25	OZ/A	PRE	97 a	97 a	98 a	97 a	98 a	97 a
	Command	0.3	LB A/A	0.8	PT/A	PRE						
	V-10142	0.101	LB A/A	2.15	OZ/A	EPOST						
	Regiment	0.005	LB A/A	0.1	OZ/A	EPOST						
	Dyne-A-Pak	1	% V/V	1	% V/V	EPOST						
4	Command	0.3	LB A/A	0.8	PT/A	PRE	97 a	97 a	98 a	97 a	96 b	97 a
	SuperWham	4	LB A/A	4	QT/A	EPOST						
	Permit	0.035	LB A/A	0.75	OZ WT/A	EPOST						
	Agri-Dex	1	% V/V	1	% V/V	EPOST						
LSD (P=.05)							1.2	2.3	1.2	2.0	1.2	2.3
Standard Deviation							0.8	1.4	0.8	1.3	0.8	1.4
CV							1.03	1.97	1.02	1.71	1.03	1.97
Grand Mean							72.94	72.94	73.31	72.94	72.94	72.94

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Pest Code							ECHCG	ECHCG	ECHCG	ECHCG	ALRPH
Rating Date							19/5/10	24/5/10	14/6/10	21/6/10	28/4/10
Rating Data Type							Control	Control	Control	Control	Control
Rating Unit							%	%	%	%	%
Trt-Eval Interval							21daEPOST	28daEPOST	49daEPOST	56daEPOST	28daPRE
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	7	8	9	10	11
1	Nontreated						0 b	0 b	0 b	0 c	0 c
2	V-10142	0.152	LB A/A	3.25	OZ/A	PRE	97 a	97 a	97 a	98 a	86 a
	Command	0.3	LB A/A	0.8	PT/A	PRE					
	V-10142	0.152	LB A/A	3.25	OZ/A	EPOST					
	Regiment	0.005	LB A/A	0.1	OZ/A	EPOST					
	Dyne-A-Pak	1	% V/V	1	% V/V	EPOST					
3	V-10142	0.152	LB A/A	3.25	OZ/A	PRE	97 a	97 a	97 a	98 a	88 a
	Command	0.3	LB A/A	0.8	PT/A	PRE					
	V-10142	0.101	LB A/A	2.15	OZ/A	EPOST					
	Regiment	0.005	LB A/A	0.1	OZ/A	EPOST					
	Dyne-A-Pak	1	% V/V	1	% V/V	EPOST					
4	Command	0.3	LB A/A	0.8	PT/A	PRE	97 a	97 a	97 a	96 b	53 b
	SuperWham	4	LB A/A	4	QT/A	EPOST					
	Permit	0.035	LB A/A	0.75	OZ WT/A	EPOST					
	Agri-Dex	1	% V/V	1	% V/V	EPOST					
LSD (P=.05)							2.3	2.0	2.0	1.2	7.6
Standard Deviation							1.4	1.3	1.3	0.8	4.7
CV							1.97	1.71	1.71	1.03	8.37
Grand Mean							72.94	72.94	72.94	72.94	56.56

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Pest Code							ALRPH	ALRPH	ALRPH	ALRPH	CYPES
Rating Date							19/5/10	24/5/10	14/6/10	21/6/10	28/4/10
Rating Data Type							Control	Control	Control	Control	Control
Rating Unit							%	%	%	%	%
Trt-Eval Interval							21daEPOST	28daEPOST	49daEPOST	56daEPOST	28daPRE
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	12	13	14	15	16
1	Nontreated						0 b	0 c	0 b	0 b	0 c
2	V-10142	0.152	LB A/A	3.25	OZ/A	PRE	90 a	90 a	95 a	97 a	98 a
	Command	0.3	LB A/A	0.8	PT/A	PRE					
	V-10142	0.152	LB A/A	3.25	OZ/A	EPOST					
	Regiment	0.005	LB A/A	0.1	OZ/A	EPOST					
	Dyne-A-Pak	1	% V/V	1	% V/V	EPOST					
3	V-10142	0.152	LB A/A	3.25	OZ/A	PRE	90 a	90 a	97 a	98 a	97 a
	Command	0.3	LB A/A	0.8	PT/A	PRE					
	V-10142	0.101	LB A/A	2.15	OZ/A	EPOST					
	Regiment	0.005	LB A/A	0.1	OZ/A	EPOST					
	Dyne-A-Pak	1	% V/V	1	% V/V	EPOST					
4	Command	0.3	LB A/A	0.8	PT/A	PRE	93 a	81 b	96 a	97 a	10 b
	SuperWham	4	LB A/A	4	QT/A	EPOST					
	Permit	0.035	LB A/A	0.75	OZ WT/A	EPOST					
	Agri-Dex	1	% V/V	1	% V/V	EPOST					
LSD (P=.05)							6.2	3.8	3.0	2.3	1.2
Standard Deviation							3.9	2.4	1.9	1.4	0.8
CV							5.67	3.66	2.63	1.94	1.46
Grand Mean							68.31	65.31	71.69	72.75	51.31

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Pest Code							CYPES	CYPES	CYPES	CYPES	SEBEX
Rating Date							19/5/10	24/5/10	14/6/10	21/6/10	28/4/10
Rating Data Type							Control	Control	Control	Control	Control
Rating Unit							%	%	%	%	%
Trt-Eval Interval							21daEPOST	28daEPOST	49daEPOST	56daEPOST	28daPRE
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	17	18	19	20	21
1	Nontreated						0 b	0 b	0 b	0 b	0 c
2	V-10142	0.152	LB A/A	3.25	OZ/A	PRE	97 a	96 a	97 a	97 a	86 a
	Command	0.3	LB A/A	0.8	PT/A	PRE					
	V-10142	0.152	LB A/A	3.25	OZ/A	EPOST					
	Regiment	0.005	LB A/A	0.1	OZ/A	EPOST					
	Dyne-A-Pak	1	% V/V	1	% V/V	EPOST					
3	V-10142	0.152	LB A/A	3.25	OZ/A	PRE	97 a	97 a	97 a	97 a	91 a
	Command	0.3	LB A/A	0.8	PT/A	PRE					
	V-10142	0.101	LB A/A	2.15	OZ/A	EPOST					
	Regiment	0.005	LB A/A	0.1	OZ/A	EPOST					
	Dyne-A-Pak	1	% V/V	1	% V/V	EPOST					
4	Command	0.3	LB A/A	0.8	PT/A	PRE	97 a	95 a	97 a	97 a	15 b
	SuperWham	4	LB A/A	4	QT/A	EPOST					
	Permit	0.035	LB A/A	0.75	OZ WT/A	EPOST					
	Agri-Dex	1	% V/V	1	% V/V	EPOST					
LSD (P=.05)							2.0	3.0	2.3	2.6	5.8
Standard Deviation							1.3	1.9	1.4	1.6	3.6
CV							1.71	2.63	1.97	2.21	7.55
Grand Mean							72.94	71.69	72.94	72.56	48.13

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Pest Code							SEBEX	SEBEX	SEBEX	SEBEX	AESIN
Rating Date							19/5/10	24/5/10	14/6/10	21/6/10	28/4/10
Rating Data Type							Control	Control	Control	Control	Control
Rating Unit							%	%	%	%	%
Trt-Eval Interval							21daEPOST	28daEPOST	49daEPOST	56daEPOST	28daPRE
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	22	23	24	25	26
1	Nontreated						0 b	0 b	0 b	0 b	0 c
2	V-10142	0.152	LB A/A	3.25	OZ/A	PRE	97 a	96 a	98 a	98 a	93 a
	Command	0.3	LB A/A	0.8	PT/A	PRE					
	V-10142	0.152	LB A/A	3.25	OZ/A	EPOST					
	Regiment	0.005	LB A/A	0.1	OZ/A	EPOST					
	Dyne-A-Pak	1	% V/V	1	% V/V	EPOST					
3	V-10142	0.152	LB A/A	3.25	OZ/A	PRE	97 a	97 a	97 a	96 a	93 a
	Command	0.3	LB A/A	0.8	PT/A	PRE					
	V-10142	0.101	LB A/A	2.15	OZ/A	EPOST					
	Regiment	0.005	LB A/A	0.1	OZ/A	EPOST					
	Dyne-A-Pak	1	% V/V	1	% V/V	EPOST					
4	Command	0.3	LB A/A	0.8	PT/A	PRE	97 a	97 a	97 a	96 a	15 b
	SuperWham	4	LB A/A	4	QT/A	EPOST					
	Permit	0.035	LB A/A	0.75	OZ WT/A	EPOST					
	Agri-Dex	1	% V/V	1	% V/V	EPOST					
LSD (P=.05)							2.3	2.1	1.6	3.3	5.8
Standard Deviation							1.4	1.3	1.0	2.1	3.6
CV							1.97	1.83	1.41	2.84	7.2
Grand Mean							72.94	72.38	72.94	72.44	50.19

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Pest Code							AESIN	AESIN	AESIN	AESIN	INJURY
Rating Date							19/5/10	24/5/10	14/6/10	21/6/10	28/4/10
Rating Data Type							Control	Control	Control	Control	
Rating Unit							%	%	%	%	%
Trt-Eval Interval							21daEPOST	28daEPOST	49daEPOST	56daEPOST	28daPRE
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	27	28	29	30	31
1	Nontreated						0 b	0 c	0 b	0 b	0 a
2	V-10142	0.152	LB A/A	3.25	OZ/A	PRE	97 a	95 ab	97 a	98 a	0 a
	Command	0.3	LB A/A	0.8	PT/A	PRE					
	V-10142	0.152	LB A/A	3.25	OZ/A	EPOST					
	Regiment	0.005	LB A/A	0.1	OZ/A	EPOST					
	Dyne-A-Pak	1	% V/V	1	% V/V	EPOST					
3	V-10142	0.152	LB A/A	3.25	OZ/A	PRE	97 a	97 a	97 a	97 a	0 a
	Command	0.3	LB A/A	0.8	PT/A	PRE					
	V-10142	0.101	LB A/A	2.15	OZ/A	EPOST					
	Regiment	0.005	LB A/A	0.1	OZ/A	EPOST					
	Dyne-A-Pak	1	% V/V	1	% V/V	EPOST					
4	Command	0.3	LB A/A	0.8	PT/A	PRE	97 a	94 b	97 a	97 a	0 a
	SuperWham	4	LB A/A	4	QT/A	EPOST					
	Permit	0.035	LB A/A	0.75	OZ WT/A	EPOST					
	Agri-Dex	1	% V/V	1	% V/V	EPOST					
LSD (P=.05)							2.3	2.2	2.3	2.0	0.0
Standard Deviation							1.4	1.4	1.4	1.3	0.0
CV							1.97	1.93	1.97	1.71	0.0
Grand Mean							72.94	71.31	72.94	72.94	0.0

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Pest Code							INJURY	INJURY	INJURY	INJURY	
Rating Date							19/5/10	24/5/10	14/6/10	21/6/10	28/4/10
Rating Data Type											Avg. Height
Rating Unit							%	%	%	%	cm
Trt-Eval Interval							21daEPOST	28daEPOST	49daEPOST	56daEPOST	28daPRE
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	32	33	34	35	38
1	Nontreated						0 a	0 a	0 a	0 a	12 a
2	V-10142	0.152	LB A/A	3.25	OZ/A	PRE	0 a	0 a	0 a	0 a	10 a
	Command	0.3	LB A/A	0.8	PT/A	PRE					
	V-10142	0.152	LB A/A	3.25	OZ/A	EPOST					
	Regiment	0.005	LB A/A	0.1	OZ/A	EPOST					
	Dyne-A-Pak	1	% V/V	1	% V/V	EPOST					
3	V-10142	0.152	LB A/A	3.25	OZ/A	PRE	0 a	0 a	0 a	0 a	11 a
	Command	0.3	LB A/A	0.8	PT/A	PRE					
	V-10142	0.101	LB A/A	2.15	OZ/A	EPOST					
	Regiment	0.005	LB A/A	0.1	OZ/A	EPOST					
	Dyne-A-Pak	1	% V/V	1	% V/V	EPOST					
4	Command	0.3	LB A/A	0.8	PT/A	PRE	0 a	0 a	0 a	0 a	12 a
	SuperWham	4	LB A/A	4	QT/A	EPOST					
	Permit	0.035	LB A/A	0.75	OZ WT/A	EPOST					
	Agri-Dex	1	% V/V	1	% V/V	EPOST					
LSD (P=.05)							0.0	0.0	0.0	0.0	1.8
Standard Deviation							0.0	0.0	0.0	0.0	1.1
CV							0.0	0.0	0.0	0.0	9.81
Grand Mean							0.0	0.0	0.0	0.0	11.28

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Split Application of V-10142 Applied PRE and EPOST in Drill-seeded Rice

Experiment number	**C10-25**
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
Planting date	4/1/10
Harvest date	8/10/10
Crop/Variety	CL 131
Emergence date	4/19/10
Uniform std. treatment	N/A

Application type	PRE	EPOST
Date applied [mm/dd/yy]	04/2/10	04/26/10
Time [hh:mm-hh:mm]	9:05-9:10A	3:45-3:55P
Incorporation equip./Depth:	N/A	N/A
Air/Soil temperature [F]	69/62	88/80
Relative humidity [%]	82	50
Wind [mph, direction]	2,S	6-8,WNW
Weather [sunny, etc]	sunny	sunny
Soil/Leaf surface moist	dry/N/A	dry/dry
Crop stage/Height	N/A	2-3lf/2-4"
Sprayer type/MPH	CO_2BkPk/3	CO_2BkPk/3
Nozzle type/Size*	AMFF/110015	AMFF/110015
Boom ht/# Noz/Spacing	15/5/15	15/5/15
GPA/PSI	15/22	15/25
Applied by	TPC	JBH

Weed Species (population)	(height/#leaves)
AESIN(20-40m^{-2})	1-3"/1-3lf
BRAPP(50-100m^{-2})	¼-1"/1-3lf
CNPPA(5-10m^{-2})…….	1-2"/cot-1lf
CYPES(50-80m^{-2})	3-6"/3-5lf
ECHCG(50-100m^{-2})	¼-2"1-4lf
SEBEX(20-40m^{-2})	1-2"/1-3lf

Flush Dates	4/7, 4/15, 4/29, 5/13
Permanent Flood	5/27

*AMFF – Air mix flat fan nozzles

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Split Applications of V-10142 Applied PRE and EPOST in Drill-seeded Rice

Trial ID: C10-25 Protocol ID: C10-25
Location: RRS-Crowley, LA Study Director:
Investigator: Eric P. Webster

Pest Code							BRAPP	BRAPP	BRAPP	BRAPP	ECHCG
Rating Date							28/4/10	13/5/10	24/5/10	8/6/10	28/4/10
Rating Data Type							Control	Control	Control	Control	Control
Rating Unit							%	%	%	%	%
Trt-Eval Interval							28daPRE	14 da EPOST	28 da EPOST	42 da EPOST	28daPRE
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	1	2	3	4	5
1	Nontreated						0 c	0 b	0 b	0 c	0 c
2	V-10142	0.152	LB A/A	3.25	OZ/A	PRE	98 a	96 a	94 a	97 a	98 a
	Command	0.3	LB A/A	0.8	PT/A	PRE					
	V-10142	0.152	LB A/A	3.25	OZ/A	EPOST					
	Regiment	0.005	LB A/A	0.1	OZ/A	EPOST					
	Dyne-A-Pak	1	% V/V	1	% V/V	EPOST					
3	V-10142	0.152	LB A/A	3.25	OZ/A	PRE	98 a	96 a	93 a	95 a	98 a
	Command	0.3	LB A/A	0.8	PT/A	PRE					
	V-10142	0.101	LB A/A	2.15	OZ/A	EPOST					
	Regiment	0.005	LB A/A	0.1	OZ/A	EPOST					
	Dyne-A-Pak	1	% V/V	1	% V/V	EPOST					
4	Command	0.3	LB A/A	0.8	PT/A	PRE	97 b	96 a	91 a	90 b	97 b
	SuperWham	4	LB A/A	4	QT/A	EPOST					
	Permit	0.035	LB A/A	0.75	OZ WT/A	EPOST					
	Agri-Dex	1	% V/V	1	% V/V	EPOST					
LSD (P=.05)							1.4	5.3	4.0	3.2	1.4
Standard Deviation							0.9	3.3	2.5	2.0	0.9
CV							1.18	4.63	3.6	2.83	1.18
Grand Mean							73.13	72.0	69.38	70.25	73.13

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Pest Code							ECHCG	ECHCG	ECHCG	ALRPH	ALRPH
Rating Date							13/5/10	24/5/10	8/6/10	28/4/10	13/5/10
Rating Data Type							Control	Control	Control	Control	Control
Rating Unit							%	%	%	%	%
Trt-Eval Interval							14 da EPOST	28 da EPOST	42 da EPOST	28daPRE	14 da EPOST
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	6	7	8	9	10
1	Nontreated						0 b	0 c	0 d	0 c	0 b
2	V-10142	0.152	LB A/A	3.25	OZ/A	PRE	97 a	94 a	94 a	68 a	51 a
	Command	0.3	LB A/A	0.8	PT/A	PRE					
	V-10142	0.152	LB A/A	3.25	OZ/A	EPOST					
	Regiment	0.005	LB A/A	0.1	OZ/A	EPOST					
	Dyne-A-Pak	1	% V/V	1	% V/V	EPOST					
3	V-10142	0.152	LB A/A	3.25	OZ/A	PRE	96 a	93 ab	85 b	65 a	55 a
	Command	0.3	LB A/A	0.8	PT/A	PRE					
	V-10142	0.101	LB A/A	2.15	OZ/A	EPOST					
	Regiment	0.005	LB A/A	0.1	OZ/A	EPOST					
	Dyne-A-Pak	1	% V/V	1	% V/V	EPOST					
4	Command	0.3	LB A/A	0.8	PT/A	PRE	98 a	88 b	73 c	25 b	43 a
	SuperWham	4	LB A/A	4	QT/A	EPOST					
	Permit	0.035	LB A/A	0.75	OZ WT/A	EPOST					
	Agri-Dex	1	% V/V	1	% V/V	EPOST					
LSD (P=.05)							3.2	5.0	7.9	10.7	15.0
Standard Deviation							2.0	3.1	5.0	6.7	9.4
CV							2.78	4.6	7.89	17.06	25.18
Grand Mean							72.63	68.44	62.88	39.38	37.19

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Pest Code							ALRPH	ALRPH	SEBEX	SEBEX	SEBEX
Rating Date							24/5/10	8/6/10	28/4/10	13/5/10	24/5/10
Rating Data Type							Control	Control	Control	Control	Control
Rating Unit							%	%	%	%	%
Trt-Eval Interval							28 da EPOST	42 da EPOST	28daPRE	14 da EPOST	28 da EPOST
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	11	12	13	14	15
1	Nontreated						0 c	0 c	0 c	0 b	0 b
2	V-10142	0.152	LB A/A	3.25	OZ/A	PRE	60 a	18 a	90 a	98 a	98 a
	Command	0.3	LB A/A	0.8	PT/A	PRE					
	V-10142	0.152	LB A/A	3.25	OZ/A	EPOST					
	Regiment	0.005	LB A/A	0.1	OZ/A	EPOST					
	Dyne-A-Pak	1	% V/V	1	% V/V	EPOST					
3	V-10142	0.152	LB A/A	3.25	OZ/A	PRE	48 ab	13 ab	75 b	97 a	97 a
	Command	0.3	LB A/A	0.8	PT/A	PRE					
	V-10142	0.101	LB A/A	2.15	OZ/A	EPOST					
	Regiment	0.005	LB A/A	0.1	OZ/A	EPOST					
	Dyne-A-Pak	1	% V/V	1	% V/V	EPOST					
4	Command	0.3	LB A/A	0.8	PT/A	PRE	38 b	10 b	13 c	97 a	98 a
	SuperWham	4	LB A/A	4	QT/A	EPOST					
	Permit	0.035	LB A/A	0.75	OZ WT/A	EPOST					
	Agri-Dex	1	% V/V	1	% V/V	EPOST					
LSD (P=.05)							13.3	5.3	12.7	1.6	1.2
Standard Deviation							8.3	3.3	7.9	1.0	0.8
CV							22.99	33.33	17.91	1.41	1.02
Grand Mean							36.25	10.0	44.38	72.94	73.31

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Pest Code							SEBEX	CYPES	CYPES	CYPES	CYPES
Rating Date							8/6/10	28/4/10	13/5/10	24/5/10	8/6/10
Rating Data Type							Control	Control	Control	Control	Control
Rating Unit							%	%	%	%	%
Trt-Eval Interval							42 da EPOST	28daPRE	14 da EPOST	28 da EPOST	42 da EPOST
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	16	17	18	19	20
1	Nontreated						0 c	0 c	0 b	0 b	0 b
2	V-10142	0.152	LB A/A	3.25	OZ/A	PRE	98 a	94 a	98 a	94 a	97 a
	Command	0.3	LB A/A	0.8	PT/A	PRE					
	V-10142	0.152	LB A/A	3.25	OZ/A	EPOST					
	Regiment	0.005	LB A/A	0.1	OZ/A	EPOST					
	Dyne-A-Pak	1	% V/V	1	% V/V	EPOST					
3	V-10142	0.152	LB A/A	3.25	OZ/A	PRE	98 a	93 a	96 a	93 a	95 a
	Command	0.3	LB A/A	0.8	PT/A	PRE					
	V-10142	0.101	LB A/A	2.15	OZ/A	EPOST					
	Regiment	0.005	LB A/A	0.1	OZ/A	EPOST					
	Dyne-A-Pak	1	% V/V	1	% V/V	EPOST					
4	Command	0.3	LB A/A	0.8	PT/A	PRE	95 b	10 b	98 a	93 a	96 a
	SuperWham	4	LB A/A	4	QT/A	EPOST					
	Permit	0.035	LB A/A	0.75	OZ WT/A	EPOST					
	Agri-Dex	1	% V/V	1	% V/V	EPOST					
LSD (P=.05)							2.7	3.4	3.2	3.3	2.0
Standard Deviation							1.7	2.1	2.0	2.1	1.3
CV							2.28	4.33	2.74	2.99	1.74
Grand Mean							72.63	49.25	73.0	69.69	71.81

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Pest Code							CNPPA	CNPPA	ECLAL	CYPIR	AESIN
Rating Date							28/4/10	13/5/10	13/5/10	13/5/10	24/5/10
Rating Data Type							Control	Control	Control	Control	Control
Rating Unit							%	%	%	%	%
Trt-Eval Interval							28daPRE	14 da EPOST	14 da EPOST	14 da EPOST	28 da EPOST
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	21	22	23	24	25
1	Nontreated						0 c	0 b	0 b	0 b	0 b
2	V-10142	0.152	LB A/A	3.25	OZ/A	PRE	96 a	97 a	95 a	98 a	97 a
	Command	0.3	LB A/A	0.8	PT/A	PRE					
	V-10142	0.152	LB A/A	3.25	OZ/A	EPOST					
	Regiment	0.005	LB A/A	0.1	OZ/A	EPOST					
	Dyne-A-Pak	1	% V/V	1	% V/V	EPOST					
3	V-10142	0.152	LB A/A	3.25	OZ/A	PRE	96 a	96 a	95 a	97 a	97 a
	Command	0.3	LB A/A	0.8	PT/A	PRE					
	V-10142	0.101	LB A/A	2.15	OZ/A	EPOST					
	Regiment	0.005	LB A/A	0.1	OZ/A	EPOST					
	Dyne-A-Pak	1	% V/V	1	% V/V	EPOST					
4	Command	0.3	LB A/A	0.8	PT/A	PRE	13 b	95 a	97 a	97 a	97 a
	SuperWham	4	LB A/A	4	QT/A	EPOST					
	Permit	0.035	LB A/A	0.75	OZ WT/A	EPOST					
	Agri-Dex	1	% V/V	1	% V/V	EPOST					
LSD (P=.05)							4.1	3.9	3.2	1.8	2.0
Standard Deviation							2.6	2.4	2.0	1.1	1.3
CV							5.06	3.38	2.75	1.53	1.71
Grand Mean							51.0	71.88	71.69	73.13	72.94

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Pest Code							AESIN	INJURY	INJURY	INJURY	INJURY
Rating Date							8/6/10	28/4/10	13/5/10	24/5/10	8/6/10
Rating Data Type							Control				
Rating Unit							%	%	%	%	%
Trt-Eval Interval							42 da EPOST	28daPRE	14 da EPOST	28 da EPOST	42 da EPOST
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	26	27	28	29	30
1	Nontreated						0 c	0 a	0 a	0 a	0 a
2	V-10142	0.152	LB A/A	3.25	OZ/A	PRE	98 a	0 a	10 a	0 a	0 a
	Command	0.3	LB A/A	0.8	PT/A	PRE					
	V-10142	0.152	LB A/A	3.25	OZ/A	EPOST					
	Regiment	0.005	LB A/A	0.1	OZ/A	EPOST					
	Dyne-A-Pak	1	% V/V	1	% V/V	EPOST					
3	V-10142	0.152	LB A/A	3.25	OZ/A	PRE	98 a	0 a	5 a	0 a	0 a
	Command	0.3	LB A/A	0.8	PT/A	PRE					
	V-10142	0.101	LB A/A	2.15	OZ/A	EPOST					
	Regiment	0.005	LB A/A	0.1	OZ/A	EPOST					
	Dyne-A-Pak	1	% V/V	1	% V/V	EPOST					
4	Command	0.3	LB A/A	0.8	PT/A	PRE	95 b	0 a	5 a	0 a	0 a
	SuperWham	4	LB A/A	4	QT/A	EPOST					
	Permit	0.035	LB A/A	0.75	OZ WT/A	EPOST					
	Agri-Dex	1	% V/V	1	% V/V	EPOST					
LSD (P=.05)							2.7	0.0	10.7	0.0	0.0
Standard Deviation							1.7	0.0	6.7	0.0	0.0
CV							2.28	0.0	133.33	0.0	0.0
Grand Mean							72.63	0.0	5.0	0.0	0.0

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Pest Code								
Rating Date							28/4/10	10/8/10
Rating Data Type							Avg. Height	Avg Height
Rating Unit							cm	cm
Trt-Eval Interval							28daPRE	Harvest
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	37	40
1	Nontreated						10 a	
2	V-10142	0.152	LB A/A	3.25	OZ/A	PRE	9 a	89 a
	Command	0.3	LB A/A	0.8	PT/A	PRE		
	V-10142	0.152	LB A/A	3.25	OZ/A	EPOST		
	Regiment	0.005	LB A/A	0.1	OZ/A	EPOST		
	Dyne-A-Pak	1	% V/V	1	% V/V	EPOST		
3	V-10142	0.152	LB A/A	3.25	OZ/A	PRE	11 a	90 a
	Command	0.3	LB A/A	0.8	PT/A	PRE		
	V-10142	0.101	LB A/A	2.15	OZ/A	EPOST		
	Regiment	0.005	LB A/A	0.1	OZ/A	EPOST		
	Dyne-A-Pak	1	% V/V	1	% V/V	EPOST		
4	Command	0.3	LB A/A	0.8	PT/A	PRE	9 a	86 a
	SuperWham	4	LB A/A	4	QT/A	EPOST		
	Permit	0.035	LB A/A	0.75	OZ WT/A	EPOST		
	Agri-Dex	1	% V/V	1	% V/V	EPOST		
LSD (P=.05)							1.8	11.4
Standard Deviation							1.1	6.6
CV							11.31	7.51
Grand Mean							9.78	88.13

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Rice Variety Tolerance to V-10142

Experiment number	**C10-26**
Location	RRS-Crowley, LA
Experimental design	RCB
Number of reps	4
Plot size	4.67'x16'
Row width/# per plot	7"/8
Soil type	Crowley silt loam (3% sand, 69% silt, 28% clay)
% OM	1.4
pH	6.4
CEC	19.1
Planting date	4/13/10
Harvest date	8/30/10
Crop/Variety	Various
Emergence date	4/23/10
Uniform std. treatment	N/A

Application type	PRE	EPOST
Date applied [mm/dd/yy]	04/15/10	05/05/10
Time [hh:mm-hh:mm]	10:50-11:10A	9:30-10:00A
Incorporation equip./Depth:	N/A	N/A
Air/Soil temperature [F]	76/72	78/72
Relative humidity [%]	78	66
Wind [mph, direction]	6-8,E	4-5,E
Weather [sunny, etc]	sunny	sunny
Soil/Leaf surface moist	dry/N/A	moist/dry
Crop stage/Height	N/A	2-3lf/4-5"
Sprayer type/MPH	CO_2BkPk/3	CO_2BkPk/3
Nozzle type/Size*	AMFF/110015	AMFF/110015
Boom ht/# Noz/Spacing	15/4/15	15/4/15
GPA/PSI	15/22	15/22
Applied by	JBH	JBH

Flush Dates	4/29, 5/7, 5/25
Permanent Flood	6/11

*AMFF – Air mix flat fan nozzles

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Rice Variety Tolerance to V-10142

Trial ID: C10-26 Protocol ID: C10-26
Location: RRS-Crowley, LA Study Director:
Investigator: Eric P. Webster

Pest Code Rating Date Rating Data Type Rating Unit Trt-Eval Interval							STAND CT 4/5/10 Avg. Stand per 18" 21 da PRE	STAND CT 13/5/10 Avg Stand per 18" 7 da EPOST	4/5/10 Avg. Height cm 21 da PRE	21/5/10 Avg. Height cm 14 da EPOST	9/6/10 Avg. Height cm 35 da EPOST
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	3	6	11	16	21
1	Neptune Nontreated						27 a-d	22 b-f	12 a	21 a-d	35 ef
2	Neptune V-10142	0.3	LB A/A	6.4	OZ WT/A	PRE	17 ghi	19 def	9 ghi	11 kl	30 ghi
3	Neptune V-10142 Dyne-A-Pak	0.3 1	LB A/A % V/V	6.4 1	OZ WT/A % V/V	EPOST EPOST	23 a-g	19 def	11 abc	18 d-i	35 efg
4	Neptune Permit Agri-Dex	0.094 1	LB A/A % V/V	2 1	OZ WT/A % V/V	EPOST EPOST	25 a-g	22 b-f	11 abc	21 abc	42 bc
5	Jupiter Nontreated						15 hi	19 def	8 i	17 e-i	30 ghi
6	Jupiter V-10142	0.3	LB A/A	6.4	OZ WT/A	PRE	13 i	16 f	6 k	9 lm	22 j
7	Jupiter V-10142 Dyne-A-Pak	0.3 1	LB A/A % V/V	6.4 1	OZ WT/A % V/V	EPOST EPOST	20 d-i	17 ef	8 hi	16 ghi	29 hi
8	Jupiter Permit Agri-Dex	0.094 1	LB A/A % V/V	2 1	OZ WT/A % V/V	EPOST EPOST	18 e-i	20 def	8 hi	16 hij	27 ij
9	CL 261 Nontreated						31 a	29 ab	11 b-e	20 a-e	37 cde
10	CL 261 V-10142	0.3	LB A/A	6.4	OZ WT/A	PRE	25 a-f	19 def	10 c-f	19 b-h	38 cde
11	CL 261 V-10142 Dyne-A-Pak	0.3 1	LB A/A % V/V	6.4 1	OZ WT/A % V/V	EPOST EPOST	26 a-e	25 a-d	10 c-f	21 a-d	39 cde
12	CL 261 Permit Agri-Dex	0.094 1	LB A/A % V/V	2 1	OZ WT/A % V/V	EPOST EPOST	30 abc	25 a-d	11 bcd	22 ab	41 bcd
13	Taggart Nontreated						24 a-g	23 a-e	11 b-e	20 a-f	36 def
14	Taggart V-10142	0.3	LB A/A	6.4	OZ WT/A	PRE	20 d-i	19 def	7 j	13 jk	30 ghi
15	Taggart V-10142 Dyne-A-Pak	0.3 1	LB A/A % V/V	6.4 1	OZ WT/A % V/V	EPOST EPOST	22 b-h	23 a-f	10 c-f	18 c-h	37 c-f
16	Taggart Permit Agri-Dex	0.094 1	LB A/A % V/V	2 1	OZ WT/A % V/V	EPOST EPOST	24 a-g	21 b-f	11 bcd	19 b-h	39 cde
17	Cheniere Nontreated						26 a-e	21 c-f	9 ghi	17 f-i	35 efg
18	Cheniere V-10142	0.3	LB A/A	6.4	OZ WT/A	PRE	19 d-i	19 def	6 jk	7 m	30 ghi
19	Cheniere V-10142 Dyne-A-Pak	0.3 1	LB A/A % V/V	6.4 1	OZ WT/A % V/V	EPOST EPOST	30 ab	26 a-d	9 f-i	17 f-i	32 fgh
20	Cheniere Permit Agri-Dex	0.094 1	LB A/A % V/V	2 1	OZ WT/A % V/V	EPOST EPOST	26 a-e	22 b-f	10 d-g	16 hij	35 ef
21	Jazzman Nontreated						25 a-f	23 a-e	11 b-e	22 a	46 ab
22	Jazzman V-10142	0.3	LB A/A	6.4	OZ WT/A	PRE	22 c-h	17 ef	9 ghi	15 ij	37 c-f

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Pest Code							STAND CT	STAND CT			
Rating Date							4/5/10	13/5/10	4/5/10	21/5/10	9/6/10
Rating Data Type							Avg. Stand	Avg Stand	Avg. Height	Avg. Height	Avg. Height
Rating Unit							per 18"	per 18"	cm	cm	cm
Trt-Eval Interval							21 da PRE	7 da EPOST	21 da PRE	14 da EPOST	35 da EPOST
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	3	6	11	16	21
23	Jazzman						24 a-g	20 def	11 bcd	22 ab	49 a
	V-10142	0.3	LB A/A	6.4	OZ WT/A	EPOST					
	Dyne-A-Pak	1	% V/V	1	% V/V	EPOST					
24	Jazzman						17 f-i	20 def	10 b-f	21 a-d	47 a
	Permit	0.094	LB A/A	2	OZ WT/A	EPOST					
	Agri-Dex	1	% V/V	1	% V/V	EPOST					
25	CL 111						20 d-i	24 a-d	12 ab	21 abc	39 cde
	Nontreated										
26	CL 111						26 a-e	20 def	9 e-h	17 f-i	36 def
	V-10142	0.3	LB A/A	6.4	OZ WT/A	PRE					
27	CL 111						25 a-f	28 abc	11 abc	19 a-g	37 c-f
	V-10142	0.3	LB A/A	6.4	OZ WT/A	EPOST					
	Dyne-A-Pak	1	% V/V	1	% V/V	EPOST					
28	CL 111						24 a-g	30 a	11 abc	20 a-d	37 c-f
	Permit	0.094	LB A/A	2	OZ WT/A	EPOST					
	Agri-Dex	1	% V/V	1	% V/V	EPOST					
LSD (P=.05)							8.1	7.3	1.2	3.3	5.1
Standard Deviation							5.8	5.1	0.8	2.3	3.6
CV							25.03	23.74	8.71	13.16	10.13
Grand Mean							22.99	21.6	9.73	17.59	35.88

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Pest Code								INJURY	INJURY	INJURY	INJURY
Rating Date							23/8/10	21/5/10	4/5/10	13/5/10	9/6/10
Rating Data Type							Avg. Height				
Rating Unit							cm	%	%	%	%
Trt-Eval Interval							Harvest	14 da EPOST	21 da PRE	7 da EPOST	35 da EPOST
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	26	28	29	30	31
1	Neptune						74 l	0 f	0 f	0 c	0 c
	Nontreated										
2	Neptune						75 l	50 ab	75 b	63 a	11 ab
	V-10142	0.3	LB A/A	6.4	OZ WT/A	PRE					
3	Neptune						76 kl	8 ef	0 f	3 c	6 bc
	V-10142	0.3	LB A/A	6.4	OZ WT/A	EPOST					
	Dyne-A-Pak	1	% V/V	1	% V/V	EPOST					
4	Neptune						76 l	5 ef	0 f	1 c	0 c
	Permit	0.094	LB A/A	2	OZ WT/A	EPOST					
	Agri-Dex	1	% V/V	1	% V/V	EPOST					
5	Jupiter						84 hi	0 f	0 f	0 c	0 c
	Nontreated										
6	Jupiter						79 i-l	51 ab	88 a	69 a	14 a
	V-10142	0.3	LB A/A	6.4	OZ WT/A	PRE					
7	Jupiter						84 gh	11 de	0 f	0 c	1 c
	V-10142	0.3	LB A/A	6.4	OZ WT/A	EPOST					
	Dyne-A-Pak	1	% V/V	1	% V/V	EPOST					
8	Jupiter						85 fgh	10 e	0 f	0 c	0 c
	Permit	0.094	LB A/A	2	OZ WT/A	EPOST					
	Agri-Dex	1	% V/V	1	% V/V	EPOST					
9	CL 261						94 a-d	0 f	0 f	0 c	0 c
	Nontreated										
10	CL 261						95 abc	10 e	34 de	9 c	0 c
	V-10142	0.3	LB A/A	6.4	OZ WT/A	PRE					
11	CL 261						92 a-d	0 f	0 f	0 c	1 c
	V-10142	0.3	LB A/A	6.4	OZ WT/A	EPOST					
	Dyne-A-Pak	1	% V/V	1	% V/V	EPOST					
12	CL 261						96 ab	0 f	0 f	0 c	0 c
	Permit	0.094	LB A/A	2	OZ WT/A	EPOST					
	Agri-Dex	1	% V/V	1	% V/V	EPOST					
13	Taggart						90 c-f	0 f	0 f	0 c	0 c
	Nontreated										
14	Taggart						92 a-d	44 b	64 c	34 b	10 ab
	V-10142	0.3	LB A/A	6.4	OZ WT/A	PRE					
15	Taggart						94 a-d	8 ef	0 f	0 c	3 c
	V-10142	0.3	LB A/A	6.4	OZ WT/A	EPOST					
	Dyne-A-Pak	1	% V/V	1	% V/V	EPOST					
16	Taggart						97 a	3 ef	0 f	0 c	0 c
	Permit	0.094	LB A/A	2	OZ WT/A	EPOST					
	Agri-Dex	1	% V/V	1	% V/V	EPOST					
17	Cheniere						86 e-h	0 f	0 f	0 c	0 c
	Nontreated										
18	Cheniere						78 jkl	54 a	66 c	59 a	13 ab
	V-10142	0.3	LB A/A	6.4	OZ WT/A	PRE					
19	Cheniere						90 def	11 de	0 f	1 c	1 c
	V-10142	0.3	LB A/A	6.4	OZ WT/A	EPOST					
	Dyne-A-Pak	1	% V/V	1	% V/V	EPOST					
20	Cheniere						89 d-g	10 e	0 f	0 c	1 c
	Permit	0.094	LB A/A	2	OZ WT/A	EPOST					
	Agri-Dex	1	% V/V	1	% V/V	EPOST					
21	Jazzman						92 bcd	0 f	0 f	0 c	0 c
	Nontreated										
22	Jazzman						93 a-d	30 c	39 d	24 b	3 c
	V-10142	0.3	LB A/A	6.4	OZ WT/A	PRE					
23	Jazzman						96 ab	3 ef	0 f	0 c	0 c
	V-10142	0.3	LB A/A	6.4	OZ WT/A	EPOST					
	Dyne-A-Pak	1	% V/V	1	% V/V	EPOST					
24	Jazzman						96 ab	8 ef	0 f	3 c	0 c
	Permit	0.094	LB A/A	2	OZ WT/A	EPOST					
	Agri-Dex	1	% V/V	1	% V/V	EPOST					

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Pest Code								INJURY	INJURY	INJURY	INJURY
Rating Date							23/8/10	21/5/10	4/5/10	13/5/10	9/6/10
Rating Data Type							Avg. Height				
Rating Unit							cm	%	%	%	%
Trt-Eval Interval							Harvest	14 da EPOST	21 da PRE	7 da EPOST	35 da EPOST
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	26	28	29	30	31
25	CL 111						84 hi	0 f	0 f	0 c	0 c
	Nontreated										
26	CL 111						91 b-e	20 d	29 e	6 c	0 c
	V-10142	0.3	LB A/A	6.4	OZ WT/A	PRE					
27	CL 111						82 hij	0 f	0 f	0 c	0 c
	V-10142	0.3	LB A/A	6.4	OZ WT/A	EPOST					
	Dyne-A-Pak	1	% V/V	1	% V/V	EPOST					
28	CL 111						81 h-k	0 f	0 f	0 c	0 c
	Permit	0.094	LB A/A	2	OZ WT/A	EPOST					
	Agri-Dex	1	% V/V	1	% V/V	EPOST					
LSD (P=.05)							5.3	9.5	7.8	14.0	6.4
Standard Deviation							3.8	6.7	5.5	9.9	4.5
CV							4.32	56.24	39.35	102.32	199.21
Grand Mean							87.2	11.92	14.06	9.64	2.28

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Pest Code							
Rating Date							30/8/10
Rating Data Type							Yield @ 12%
Rating Unit							lb/A
Trt-Eval Interval							Harvest
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	34
1	Neptune						4982 d-g
	Nontreated						
2	Neptune						3516 l
	V-10142	0.3	LB A/A	6.4	OZ WT/A	PRE	
3	Neptune						4788 e-h
	V-10142	0.3	LB A/A	6.4	OZ WT/A	EPOST	
	Dyne-A-Pak	1	% V/V	1	% V/V	EPOST	
4	Neptune						5090 def
	Permit	0.094	LB A/A	2	OZ WT/A	EPOST	
	Agri-Dex	1	% V/V	1	% V/V	EPOST	
5	Jupiter						7080 a
	Nontreated						
6	Jupiter						5392 cd
	V-10142	0.3	LB A/A	6.4	OZ WT/A	PRE	
7	Jupiter						6612 ab
	V-10142	0.3	LB A/A	6.4	OZ WT/A	EPOST	
	Dyne-A-Pak	1	% V/V	1	% V/V	EPOST	
8	Jupiter						6870 a
	Permit	0.094	LB A/A	2	OZ WT/A	EPOST	
	Agri-Dex	1	% V/V	1	% V/V	EPOST	
9	CL 261						6713 ab
	Nontreated						
10	CL 261						6289 b
	V-10142	0.3	LB A/A	6.4	OZ WT/A	PRE	
11	CL 261						6582 ab
	V-10142	0.3	LB A/A	6.4	OZ WT/A	EPOST	
	Dyne-A-Pak	1	% V/V	1	% V/V	EPOST	
12	CL 261						6750 ab
	Permit	0.094	LB A/A	2	OZ WT/A	EPOST	
	Agri-Dex	1	% V/V	1	% V/V	EPOST	
13	Taggart						4025 jkl
	Nontreated						
14	Taggart						3581 l
	V-10142	0.3	LB A/A	6.4	OZ WT/A	PRE	
15	Taggart						4234 ijk
	V-10142	0.3	LB A/A	6.4	OZ WT/A	EPOST	
	Dyne-A-Pak	1	% V/V	1	% V/V	EPOST	
16	Taggart						4288 h-k
	Permit	0.094	LB A/A	2	OZ WT/A	EPOST	
	Agri-Dex	1	% V/V	1	% V/V	EPOST	
17	Cheniere						4711 e-i
	Nontreated						
18	Cheniere						3847 kl
	V-10142	0.3	LB A/A	6.4	OZ WT/A	PRE	
19	Cheniere						4874 d-g
	V-10142	0.3	LB A/A	6.4	OZ WT/A	EPOST	
	Dyne-A-Pak	1	% V/V	1	% V/V	EPOST	
20	Cheniere						4447 g-j
	Permit	0.094	LB A/A	2	OZ WT/A	EPOST	
	Agri-Dex	1	% V/V	1	% V/V	EPOST	
21	Jazzman						4624 f-i
	Nontreated						
22	Jazzman						4690 e-i
	V-10142	0.3	LB A/A	6.4	OZ WT/A	PRE	
23	Jazzman						4459 g-j
	V-10142	0.3	LB A/A	6.4	OZ WT/A	EPOST	
	Dyne-A-Pak	1	% V/V	1	% V/V	EPOST	
24	Jazzman						4536 g-j
	Permit	0.094	LB A/A	2	OZ WT/A	EPOST	
	Agri-Dex	1	% V/V	1	% V/V	EPOST	

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Pest Code							
Rating Date							30/8/10
Rating Data Type							Yield @ 12%
Rating Unit							lb/A
Trt-Eval Interval							Harvest
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	34
25	CL 111						5207 cde
	Nontreated						
26	CL 111						5653 c
	V-10142	0.3	LB A/A	6.4	OZ WT/A	PRE	
27	CL 111						5218 cde
	V-10142	0.3	LB A/A	6.4	OZ WT/A	EPOST	
	Dyne-A-Pak	1	% V/V	1	% V/V	EPOST	
28	CL 111						5397 cd
	Permit	0.094	LB A/A	2	OZ WT/A	EPOST	
	Agri-Dex	1	% V/V	1	% V/V	EPOST	
LSD (P=.05)							546.7
Standard Deviation							386.6
CV							7.49
Grand Mean							5159.06

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Evaluation of V-10142 for Control of Amazon Sprangletop

Experiment number..... :	**C10-27**
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
Planting date ..... :	4/1/10
Harvest date..... :	N/A
Crop/Variety ..... :	CL131
Emergence date..... :	4/19/10
Uniform std. treatment..... :	N/A

Application type..... :	PRE	DPRE
Date applied [mm/dd/yy] ..... :	04/02/10	04/13/10
Time [hh:mm-hh:mm] ..... :	9:15-9:20A	9:20-9:30A
Incorporation equip./Depth:..... :	N/A	N/A
Air/Soil temperature [F] ..... :	69/62	70/68
Relative humidity [%]..... :	82	80
Wind [mph, direction] ..... :	2,S	8-10,E
Weather [sunny, etc] ..... :	sunny	sunny
Soil/Leaf surface moist..... :	dry/N/A	moist/N/A
Crop stage/Height ..... :	N/A	N/A
Sprayer type/MPH..... :	CO_2BkPk/3	CO_2BkPk/3
Nozzle type/Size* ..... :	AMFF/110015	AMFF/110015
Boom ht/# Noz/Spacing ..... :	15/5/15	15/5/15
GPA/PSI ..... :	15/22	15/22
Applied by..... :	TPC	EPW

Weed Species (population)..... :	---------- (height/#leaves) ----------	
(m^{-2})..... :	N/A	N/A

Flush Dates ..... :	4/7, 4/15, 4/29, 5/7, 5/13
Permanent Flood..... :	5/27

*AMFF – Air mix flat fan nozzles

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Evaluation of V-10142 for Control of Amazon Sprangletop

Trial ID: C10-27 Protocol ID: C10-27
Location: RRS-Crowley, LA Study Director:
Investigator: Eric P. Webster

Pest Code							CYPES	CYPES	CYPES	LEFPA	HEIGHT	INJURY
Rating Date							29/4/10	24/5/10	7/6/10	24/5/10	29/4/10	29/4/10
Rating Data Type							Control	Control	Control	Control	Avg. Height	
Rating Unit							%	%	%	%	cm	%
Trt-Eval Interval							27 da PRE	52 da PRE	66 da PRE	52 da PRE	27 da PRE	27 da PRE
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	1	2	3	4	7	8
1	Nontreated						0 f	0 d	0 c	0 c	13 a	0 a
	Facet	0.375	LB A/A	0.5	LB/A	DPRE						
	Agri-Dex	1	% V/V	1	% V/V	DPRE						
2	V-10142	0.1	LB A/A	2.13	OZ WT/A	PRE	73 d	75 b	86 a	91 b	11 ab	0 a
	Facet	0.375	LB A/A	0.5	LB/A	DPRE						
	Agri-Dex	1	% V/V	1	% V/V	DPRE						
3	V-10142	0.15	LB A/A	3.2	OZ WT/A	PRE	80 c	76 b	89 a	95 a	11 ab	0 a
	Facet	0.375	LB A/A	0.5	LB/A	DPRE						
	Agri-Dex	1	% V/V	1	% V/V	DPRE						
4	V-10142	0.2	LB A/A	4.27	OZ WT/A	PRE	91 ab	84 ab	86 a	94 ab	9 bc	0 a
	Facet	0.375	LB A/A	0.5	LB/A	DPRE						
	Agri-Dex	1	% V/V	1	% V/V	DPRE						
5	V-10142	0.3	LB A/A	6.4	OZ WT/A	PRE	95 a	90 a	90 a	95 a	9 c	0 a
	Facet	0.375	LB A/A	0.5	LB/A	DPRE						
	Agri-Dex	1	% V/V	1	% V/V	DPRE						
6	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	10 e	10 c	10 b	93 ab	10 bc	0 a
	Facet	0.375	LB A/A	0.5	LB/A	DPRE						
	Agri-Dex	1	% V/V	1	% V/V	DPRE						
7	V-10142	0.101	LB A/A	2.15	OZ WT/A	PRE	80 c	75 b	85 a	94 ab	11 ab	0 a
	Command	0.3	LB A/A	12.8	FL OZ/A	PRE						
	Facet	0.375	LB A/A	0.5	LB/A	DPRE						
	Agri-Dex	1	% V/V	1	% V/V	DPRE						
8	Bolero	4	LB A/A	4	PT/A	PRE	10 e	10 c	10 b	93 ab	10 bc	0 a
	Facet	0.375	LB A/A	0.5	LB/A	DPRE						
	Agri-Dex	1	% V/V	1	% V/V	DPRE						
9	Bolero	4	LB A/A	4	PT/A	PRE	85 bc	88 a	88 a	93 ab	11 ab	0 a
	V-10142	0.2	LB A/A	4.27	OZ WT/A	PRE						
	Facet	0.375	LB A/A	0.5	LB/A	DPRE						
	Agri-Dex	1	% V/V	1	% V/V	DPRE						
LSD (P=.05)							7.4	9.4	5.5	3.5	2.0	0.0
Standard Deviation							5.1	6.4	3.7	2.4	1.3	0.0
CV							8.69	11.41	6.18	2.86	12.95	0.0
Grand Mean							58.19	56.39	60.42	82.92	10.42	0.0

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Pest Code							INJURY	INJURY
Rating Date							24/5/10	7/6/10
Rating Data Type								
Rating Unit							%	%
Trt-Eval Interval							52 da PRE	66 da PRE
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	9	10
1	Nontreated						0 a	0 a
	Facet	0.375	LB A/A	0.5	LB/A	DPRE		
	Agri-Dex	1	% V/V	1	% V/V	DPRE		
2	V-10142	0.1	LB A/A	2.13	OZ WT/A	PRE	0 a	0 a
	Facet	0.375	LB A/A	0.5	LB/A	DPRE		
	Agri-Dex	1	% V/V	1	% V/V	DPRE		
3	V-10142	0.15	LB A/A	3.2	OZ WT/A	PRE	0 a	0 a
	Facet	0.375	LB A/A	0.5	LB/A	DPRE		
	Agri-Dex	1	% V/V	1	% V/V	DPRE		
4	V-10142	0.2	LB A/A	4.27	OZ WT/A	PRE	0 a	0 a
	Facet	0.375	LB A/A	0.5	LB/A	DPRE		
	Agri-Dex	1	% V/V	1	% V/V	DPRE		
5	V-10142	0.3	LB A/A	6.4	OZ WT/A	PRE	0 a	0 a
	Facet	0.375	LB A/A	0.5	LB/A	DPRE		
	Agri-Dex	1	% V/V	1	% V/V	DPRE		
6	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	0 a	0 a
	Facet	0.375	LB A/A	0.5	LB/A	DPRE		
	Agri-Dex	1	% V/V	1	% V/V	DPRE		
7	V-10142	0.101	LB A/A	2.15	OZ WT/A	PRE	0 a	0 a
	Command	0.3	LB A/A	12.8	FL OZ/A	PRE		
	Facet	0.375	LB A/A	0.5	LB/A	DPRE		
	Agri-Dex	1	% V/V	1	% V/V	DPRE		
8	Bolero	4	LB A/A	4	PT/A	PRE	0 a	0 a
	Facet	0.375	LB A/A	0.5	LB/A	DPRE		
	Agri-Dex	1	% V/V	1	% V/V	DPRE		
9	Bolero	4	LB A/A	4	PT/A	PRE	0 a	0 a
	V-10142	0.2	LB A/A	4.27	OZ WT/A	PRE		
	Facet	0.375	LB A/A	0.5	LB/A	DPRE		
	Agri-Dex	1	% V/V	1	% V/V	DPRE		
LSD (P=.05)							0.0	0.0
Standard Deviation							0.0	0.0
CV							0.0	0.0
Grand Mean							0.0	0.0

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Ricestar HT and Facet Sequential Applications at MIDPOST

Experiment number	**C10-30**
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
Planting date	4/1/10
Harvest date	N/A
Crop/Variety	CL131
Emergence date	4/19/10
Uniform std. treatment	N/A

Application type	PRE	2day Pre-flush	2day Post-flush
Date applied [mm/dd/yy]	04/02/10	05/05/10	05/10/10
Time [hh:mm-hh:mm]	8:30-8:35A	12:00-12:10P	9:45-10:00A
Incorporation equip./Depth:	N/A	N/A	N/A
Air/Soil temperature [F]	69/62	80/72	80/70
Relative humidity [%]	82	67	77
Wind [mph, direction]	2,S	4-5,E	5-7, S
Weather [sunny, etc]	sunny	sunny	sunny
Soil/Leaf surface moist	dry/N/A	moist/dry	moist/dry
Crop stage/Height	N/A	3-4lf/5-6"	4-5lf/6-8"
Sprayer type/MPH	CO_2BkPk/3	CO_2BkPk/3	CO_2BkPk/3
Nozzle type/Size*	AMFF/110015	AMFF/110015	AMFF/110015
Boom ht/# Noz/Spacing	15/5/15	15/5/15	15/5/15
GPA/PSI	15/22	15/25	15/25
Applied by	TPC	JBH	EPW

Weed Species (population)	---------- (height/#leaves) ----------		
AESIN(5-10m^{-2})		2-5"/2-5lf	2-5"/2-5lf
ALRPH(3-5m^{-2})		6-12"/5-12lf	6-12"/5-12lf
BRAPP(200-300m^{-2})…….		1-4"/2-5lf	1-4"/2-5lf
CNPPA(3-5m^{-2})		2-3"/cot-2lf	2-3"/cot-2lf
ECHCG(100-150m^{-2})		1-4"/2-5lf	1-4"/2-5lf
SEBEX(5-10m^{-2})		2-5"/2-5lf	2-5"/2-5lf

Flush Dates	4/7, 4/15, 4/29, 5/7, 5/13
Permanent Flood	5/27

*AMFF – Air mix flat fan nozzles

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Ricestar HT and Facet Sequential Applications at MIDPOST

Trial ID: C10-30 Protocol ID: C10-30
Location: RRS-Crowley, LA Study Director: Jason A. Bond/Eric P. Webster
Investigator: Eric P. Webster

Pest Code							BRAPP	BRAPP	BRAPP	BRAPP	ECHCG
Rating Date							19/5/10	24/5/10	8/6/10	22/6/10	19/5/10
Rating Data Type							Control	Control	Control	Control	Control
Rating Unit							%	%	%	%	%
Trt-Eval Interval							9 da PTFLU	14 da PTFLU	29 da PTFLU	43 da PTFLU	9 da PTFLU
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	1	2	3	4	5
1	Nontreated						0 d	0 e	0 c	0 d	0 d
2	Command	0.3	LB A/A	0.8	PT/A	PRE	98 a	97 a	90 a	89 a	97 a
	SuperWham	4	LB A/A	4	QT/A	2 d PRFLUSH					
	Prowl H2O	1	LB A/A	2.1	PT/A	2 d PRFLUSH					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	2 d PRFLUSH					
3	Facet	0.375	LB A/A	0.5	LB/A	2 d PRFLUSH	80 b	78 c	55 b	20 c	81 b
	Agri-Dex	1	% V/V	19.2	FL OZ/A	2 d PRFLUSH					
4	Facet	0.375	LB A/A	0.5	LB/A	2 d PTFLUSH	69 c	70 d	55 b	20 c	70 c
	Agri-Dex	1	% V/V	19.2	FL OZ/A	2 d PTFLUSH					
5	Ricestar HT	0.109	LB A/A	24	FL OZ/A	2 d PRFLUSH	97 a	90 b	90 a	79 b	97 a
6	Ricestar HT	0.109	LB A/A	24	FL OZ/A	2 d PTFLUSH	85 b	88 b	85 a	78 b	86 b
7	Ricestar HT	0.109	LB A/A	24	FL OZ/A	2 d PRFLUSH	93 a	90 b	85 a	83 b	96 a
	Facet	0.375	LB A/A	0.5	LB/A	2 d PRFLUSH					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	2 d PRFLUSH					
8	Ricestar HT	0.109	LB A/A	24	FL OZ/A	2 d PTFLUSH	70 c	81 c	85 a	80 b	74 c
	Facet	0.375	LB A/A	0.5	LB/A	2 d PTFLUSH					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	2 d PTFLUSH					
9	Facet	0.375	LB A/A	0.5	LB/A	2 d PRFLUSH	81 b	90 b	85 a	79 b	84 b
	Agri-Dex	1	% V/V	19.2	FL OZ/A	2 d PRFLUSH					
	Ricestar HT	0.109	LB A/A	24	FL OZ/A	2 d PTFLUSH					
10	Ricestar HT	0.109	LB A/A	24	FL OZ/A	2 d PRFLUSH	97 a	97 a	85 a	89 a	97 a
	Facet	0.375	LB A/A	0.5	LB/A	2 d PTFLUSH					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	2 d PTFLUSH					
LSD (P=.05)							6.7	4.8	7.7	5.9	6.2
Standard Deviation							4.6	3.3	5.3	4.1	4.3
CV							5.97	4.28	7.44	6.6	5.45
Grand Mean							77.08	78.0	71.5	61.5	78.18

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Pest Code							ECHCG	ECHCG	ECHCG	SEBEX	SEBEX
Rating Date							24/5/10	8/6/10	22/6/10	19/5/10	24/5/10
Rating Data Type							Control	Control	Control	Control	Control
Rating Unit							%	%	%	%	%
Trt-Eval Interval							14 da PTFLU	29 da PTFLU	43 da PTFLU	9 da PTFLU	14 da PTFLU
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	6	7	8	9	10
1	Nontreated						0 f	0 d	0 d	0 c	0 b
2	Command	0.3	LB A/A	0.8	PT/A	PRE	97 a	90 a	86 a	98 a	98 a
	SuperWham	4	LB A/A	4	QT/A	2 d PRFLUSH					
	Prowl H2O	1	LB A/A	2.1	PT/A	2 d PRFLUSH					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	2 d PRFLUSH					
3	Facet	0.375	LB A/A	0.5	LB/A	2 d PRFLUSH	76 e	55 c	0 d	96 a	98 a
	Agri-Dex	1	% V/V	19.2	FL OZ/A	2 d PRFLUSH					
4	Facet	0.375	LB A/A	0.5	LB/A	2 d PTFLUSH	74 e	53 c	0 d	83 b	95 a
	Agri-Dex	1	% V/V	19.2	FL OZ/A	2 d PTFLUSH					
5	Ricestar HT	0.109	LB A/A	24	FL OZ/A	2 d PRFLUSH	88 cd	80 b	78 b	0 c	0 b
6	Ricestar HT	0.109	LB A/A	24	FL OZ/A	2 d PTFLUSH	86 cd	80 b	76 bc	0 c	0 b
7	Ricestar HT	0.109	LB A/A	24	FL OZ/A	2 d PRFLUSH	90 bcd	80 b	78 b	98 a	98 a
	Facet	0.375	LB A/A	0.5	LB/A	2 d PRFLUSH					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	2 d PRFLUSH					
8	Ricestar HT	0.109	LB A/A	24	FL OZ/A	2 d PTFLUSH	85 d	79 b	70 c	96 a	98 a
	Facet	0.375	LB A/A	0.5	LB/A	2 d PTFLUSH					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	2 d PTFLUSH					
9	Facet	0.375	LB A/A	0.5	LB/A	2 d PRFLUSH	91 abc	80 b	70 c	96 a	98 a
	Agri-Dex	1	% V/V	19.2	FL OZ/A	2 d PRFLUSH					
	Ricestar HT	0.109	LB A/A	24	FL OZ/A	2 d PTFLUSH					
10	Ricestar HT	0.109	LB A/A	24	FL OZ/A	2 d PRFLUSH	94 ab	85 ab	88 a	98 a	96 a
	Facet	0.375	LB A/A	0.5	LB/A	2 d PTFLUSH					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	2 d PTFLUSH					
LSD (P=.05)							5.5	7.4	7.3	3.8	3.6
Standard Deviation							3.8	5.1	5.0	2.7	2.5
CV							4.89	7.46	9.26	3.99	3.6
Grand Mean							78.03	68.13	54.5	66.45	68.08

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Pest Code							SEBEX	SEBEX	AESIN	AESIN	AESIN
Rating Date							8/6/10	22/6/10	19/5/10	24/5/10	8/6/10
Rating Data Type							Control	Control	Control	Control	Control
Rating Unit							%	%	%	%	%
Trt-Eval Interval							29 da PTFLU	43 da PTFLU	9 da PTFLU	14 da PTFLU	29 da PTFLU
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	11	12	13	14	15
1	Nontreated						0 c	0 c	0 c	0 c	0 c
2	Command	0.3	LB A/A	0.8	PT/A	PRE	98 a	90 b	98 a	98 a	98 a
	SuperWham	4	LB A/A	4	QT/A	2 d PRFLUSH					
	Prowl H2O	1	LB A/A	2.1	PT/A	2 d PRFLUSH					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	2 d PRFLUSH					
3	Facet	0.375	LB A/A	0.5	LB/A	2 d PRFLUSH	98 a	90 b	97 a	98 a	98 a
	Agri-Dex	1	% V/V	19.2	FL OZ/A	2 d PRFLUSH					
4	Facet	0.375	LB A/A	0.5	LB/A	2 d PTFLUSH	98 a	90 b	92 b	96 b	98 a
	Agri-Dex	1	% V/V	19.2	FL OZ/A	2 d PTFLUSH					
5	Ricestar HT	0.109	LB A/A	24	FL OZ/A	2 d PRFLUSH	0 c	0 c	0 c	0 c	0 c
6	Ricestar HT	0.109	LB A/A	24	FL OZ/A	2 d PTFLUSH	0 c	0 c	0 c	0 c	0 c
7	Ricestar HT	0.109	LB A/A	24	FL OZ/A	2 d PRFLUSH	98 a	90 b	98 a	98 a	98 a
	Facet	0.375	LB A/A	0.5	LB/A	2 d PRFLUSH					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	2 d PRFLUSH					
8	Ricestar HT	0.109	LB A/A	24	FL OZ/A	2 d PTFLUSH	98 a	90 b	97 a	98 a	98 a
	Facet	0.375	LB A/A	0.5	LB/A	2 d PTFLUSH					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	2 d PTFLUSH					
9	Facet	0.375	LB A/A	0.5	LB/A	2 d PRFLUSH	98 a	90 b	97 a	98 a	97 b
	Agri-Dex	1	% V/V	19.2	FL OZ/A	2 d PRFLUSH					
	Ricestar HT	0.109	LB A/A	24	FL OZ/A	2 d PTFLUSH					
10	Ricestar HT	0.109	LB A/A	24	FL OZ/A	2 d PRFLUSH	97 b	91 a	98 a	97 ab	98 a
	Facet	0.375	LB A/A	0.5	LB/A	2 d PTFLUSH					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	2 d PTFLUSH					
LSD (P=.05)							0.7	1.1	2.1	2.0	0.7
Standard Deviation							0.5	0.8	1.5	1.4	0.5
CV							0.69	1.25	2.15	2.0	0.69
Grand Mean							68.53	63.13	67.78	68.33	68.53

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Pest Code							AESIN	INJURY	INJURY	INJURY	INJURY
Rating Date							22/6/10	19/5/10	24/5/10	8/6/10	22/6/10
Rating Data Type							Control				
Rating Unit							%	%	%	%	%
Trt-Eval Interval							43 da PTFLU	9 da PTFLU	14 da PTFLU	29 da PTFLU	43 da PTFLU
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	16	17	18	19	20
1	Nontreated						0 b	0 a	0 a	0 a	0 a
2	Command	0.3	LB A/A	0.8	PT/A	PRE	85 a	0 a	0 a	0 a	0 a
	SuperWham	4	LB A/A	4	QT/A	2 d PRFLUSH					
	Prowl H2O	1	LB A/A	2.1	PT/A	2 d PRFLUSH					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	2 d PRFLUSH					
3	Facet	0.375	LB A/A	0.5	LB/A	2 d PRFLUSH	90 a	0 a	0 a	0 a	0 a
	Agri-Dex	1	% V/V	19.2	FL OZ/A	2 d PRFLUSH					
4	Facet	0.375	LB A/A	0.5	LB/A	2 d PTFLUSH	90 a	0 a	0 a	0 a	0 a
	Agri-Dex	1	% V/V	19.2	FL OZ/A	2 d PTFLUSH					
5	Ricestar HT	0.109	LB A/A	24	FL OZ/A	2 d PRFLUSH	0 b	0 a	0 a	0 a	0 a
6	Ricestar HT	0.109	LB A/A	24	FL OZ/A	2 d PTFLUSH	0 b	0 a	0 a	0 a	0 a
7	Ricestar HT	0.109	LB A/A	24	FL OZ/A	2 d PRFLUSH	90 a	0 a	0 a	0 a	0 a
	Facet	0.375	LB A/A	0.5	LB/A	2 d PRFLUSH					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	2 d PRFLUSH					
8	Ricestar HT	0.109	LB A/A	24	FL OZ/A	2 d PTFLUSH	90 a	0 a	0 a	0 a	0 a
	Facet	0.375	LB A/A	0.5	LB/A	2 d PTFLUSH					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	2 d PTFLUSH					
9	Facet	0.375	LB A/A	0.5	LB/A	2 d PRFLUSH	90 a	0 a	0 a	0 a	0 a
	Agri-Dex	1	% V/V	19.2	FL OZ/A	2 d PRFLUSH					
	Ricestar HT	0.109	LB A/A	24	FL OZ/A	2 d PTFLUSH					
10	Ricestar HT	0.109	LB A/A	24	FL OZ/A	2 d PRFLUSH	89 a	0 a	0 a	0 a	0 a
	Facet	0.375	LB A/A	0.5	LB/A	2 d PTFLUSH					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	2 d PTFLUSH					
LSD (P=.05)							5.5	0.0	0.0	0.0	0.0
Standard Deviation							3.8	0.0	0.0	0.0	0.0
CV							6.03	0.0	0.0	0.0	0.0
Grand Mean							62.38	0.0	0.0	0.0	0.0

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Tolerance of CL 261 to Several Commonly Applied Rice Herbicides

Experiment number	**C10-33**
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
Planting date	4/1/10
Harvest date	8/23/10
Crop/Variety	CL261
Emergence date	4/19/10
Uniform std. treatment	N/A

Application type	PRE	VEPOST	MPOST	LPOST
Date applied [mm/dd/yy]	04/02/10	04/21/10	05/04/10	05/10/10
Time [hh:mm-hh:mm]	8:45-8:50A	12:00-12:07P	10:20-10:25A	12:15-12:25A
Incorporation equip./Depth:	N/A	N/A	N/A	N/A
Air/Soil temperature [F]	69/62	78/73	81/78	84/76
Relative humidity [%]	82	67	72	77
Wind [mph, direction]	2,S	1-2,S	4-5,NW	5-7, S
Weather [sunny, etc]	sunny	sunny	sunny	sunny
Soil/Leaf surface moist	dry/dry	moist/dry	wet/dry	dry/dry
Crop stage/Height	N/A	1lf/1-2"	3-4lf/5-6"	3-4lf/5-6"
Sprayer type/MPH	CO_2BkPk/3	CO_2BkPk/3	CO_2BkPk/3	CO_2BkPk/3
Nozzle type/Size*	AMFF/110015	AMFF/110015	AMFF/110015	AMFF/110015
Boom ht/# Noz/Spacing	15/5/15	15/5/15	15/5/15	15/5/15
GPA/PSI	15/22	15/24	15/24	15/25
Applied by	TPC	TPC	EPW	EPW

Flush Dates	4/7, 4/15, 4/29, 5/13
Permanent Flood	5/27

*AMFF – Air mix flat fan nozzles

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Tolerance of CL 261 to Several Commonly Applied Rice Herbicides

Trial ID: C10-33 Protocol ID: C10-33
Location: RRS- Crowley, LA Study Director:
Investigator: Eric P. Webster

Pest Code							INJURY	INJURY	INJURY	INJURY	
Rating Date							28/4/10	13/5/10	24/5/10	7/6/10	28/4/10
Rating Data Type											Avg. Height
Rating Unit							%	%	%	%	cm
Trt-Eval Interval							26 da PRE	9 da MPOST	20 da MPOST	34 da MPOST	26 da PRE
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	1	2	3	4	7
1	Newpath	0.094	LB A/A	6	FL OZ/A	VEPOST	0 b	0 a	0 b	0 a	11 a
	Agri-Dex	1	% V/V	1	% V/V	VEPOST					
	Grasp	0.0875	LB A/A	5.6	FL OZ/A	MPOST					
	Agri-Dex	1	% V/V	1	% V/V	MPOST					
	Newpath	0.094	LB A/A	6	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	1	% V/V	LPOST					
2	Newpath	0.094	LB A/A	6	FL OZ/A	VEPOST	0 b	10 a	9 a	0 a	11 a
	Agri-Dex	1	% V/V	1	% V/V	VEPOST					
	Ricestar HT	0.218	LB A/A	48	FL OZ/A	MPOST					
	Newpath	0.094	LB A/A	6	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	1	% V/V	LPOST					
3	Newpath	0.094	LB A/A	6	FL OZ/A	VEPOST	0 b	0 a	0 b	0 a	10 a
	Agri-Dex	1	% V/V	1	% V/V	VEPOST					
	Regiment	0.05	LB A/A	1	OZ WT/A	MPOST					
	Agri-Dex	1	% V/V	1	% V/V	MPOST					
	Newpath	0.094	LB A/A	6	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	1	% V/V	LPOST					
4	Newpath	0.094	LB A/A	6	FL OZ/A	VEPOST	0 b	0 a	0 b	0 a	11 a
	Agri-Dex	1	% V/V	1	% V/V	VEPOST					
	Grandstand	0.516	LB A/A	22	FL OZ/A	MPOST					
	Agri-Dex	1	% V/V	1	% V/V	MPOST					
	Newpath	0.094	LB A/A	6	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	1	% V/V	LPOST					
5	Newpath	0.094	LB A/A	6	FL OZ/A	VEPOST	0 b	8 a	3 b	0 a	12 a
	Agri-Dex	1	% V/V	1	% V/V	VEPOST					
	Facet	1	LB A/A	1.34	LB/A	MPOST					
	Agri-Dex	1	% V/V	1	% V/V	MPOST					
	Newpath	0.094	LB A/A	6	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	1	% V/V	LPOST					
6	Command	0.6	LB A/A	25.6	FL OZ/A	PRE	4 a	8 a	0 b	0 a	9 a
	Newpath	0.094	LB A/A	6	FL OZ/A	VEPOST					
	Agri-Dex	1	% V/V	1	% V/V	VEPOST					
	Newpath	0.094	LB A/A	6	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	1	% V/V	LPOST					
7	Nontreated						0 b	0 a	0 b	0 a	11 a
	Newpath	0.094	LB A/A	6	FL OZ/A	VEPOST					
	Agri-Dex	1	% V/V	1	% V/V	VEPOST					
	Newpath	0.094	LB A/A	6	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	1	% V/V	LPOST					
LSD (P=.05)							1.4	8.8	4.3	0.0	2.1
Standard Deviation							0.9	5.9	2.9	0.0	1.4
CV							176.38	166.4	178.55	0.0	13.21
Grand Mean							0.54	3.57	1.61	0.0	10.66

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Pest Code									YIELD
Rating Date							19/5/10	23/8/10	23/8/10
Rating Data Type							Avg. Height	Avg. Height	Yield @ 12%
Rating Unit							cm	cm	lb/A
Trt-Eval Interval							15 da MPOST	Harvest	Harvest
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	12	17	20
1	Newpath	0.094	LB A/A	6	FL OZ/A	VEPOST	22 a	110 a	6613 a
	Agri-Dex	1	% V/V	1	% V/V	VEPOST			
	Grasp	0.0875	LB A/A	5.6	FL OZ/A	MPOST			
	Agri-Dex	1	% V/V	1	% V/V	MPOST			
	Newpath	0.094	LB A/A	6	FL OZ/A	LPOST			
	Agri-Dex	1	% V/V	1	% V/V	LPOST			
2	Newpath	0.094	LB A/A	6	FL OZ/A	VEPOST	23 a	112 a	7227 a
	Agri-Dex	1	% V/V	1	% V/V	VEPOST			
	Ricestar HT	0.218	LB A/A	48	FL OZ/A	MPOST			
	Newpath	0.094	LB A/A	6	FL OZ/A	LPOST			
	Agri-Dex	1	% V/V	1	% V/V	LPOST			
3	Newpath	0.094	LB A/A	6	FL OZ/A	VEPOST	23 a	112 a	7439 a
	Agri-Dex	1	% V/V	1	% V/V	VEPOST			
	Regiment	0.05	LB A/A	1	OZ WT/A	MPOST			
	Agri-Dex	1	% V/V	1	% V/V	MPOST			
	Newpath	0.094	LB A/A	6	FL OZ/A	LPOST			
	Agri-Dex	1	% V/V	1	% V/V	LPOST			
4	Newpath	0.094	LB A/A	6	FL OZ/A	VEPOST	24 a	112 a	7234 a
	Agri-Dex	1	% V/V	1	% V/V	VEPOST			
	Grandstand	0.516	LB A/A	22	FL OZ/A	MPOST			
	Agri-Dex	1	% V/V	1	% V/V	MPOST			
	Newpath	0.094	LB A/A	6	FL OZ/A	LPOST			
	Agri-Dex	1	% V/V	1	% V/V	LPOST			
5	Newpath	0.094	LB A/A	6	FL OZ/A	VEPOST	23 a	111 a	7247 a
	Agri-Dex	1	% V/V	1	% V/V	VEPOST			
	Facet	1	LB A/A	1.34	LB/A	MPOST			
	Agri-Dex	1	% V/V	1	% V/V	MPOST			
	Newpath	0.094	LB A/A	6	FL OZ/A	LPOST			
	Agri-Dex	1	% V/V	1	% V/V	LPOST			
6	Command	0.6	LB A/A	25.6	FL OZ/A	PRE	23 a	108 a	7153 a
	Newpath	0.094	LB A/A	6	FL OZ/A	VEPOST			
	Agri-Dex	1	% V/V	1	% V/V	VEPOST			
	Newpath	0.094	LB A/A	6	FL OZ/A	LPOST			
	Agri-Dex	1	% V/V	1	% V/V	LPOST			
7	Nontreated						23 a	113 a	7151 a
	Newpath	0.094	LB A/A	6	FL OZ/A	VEPOST			
	Agri-Dex	1	% V/V	1	% V/V	VEPOST			
	Newpath	0.094	LB A/A	6	FL OZ/A	LPOST			
	Agri-Dex	1	% V/V	1	% V/V	LPOST			
LSD (P=.05)							4.0	3.3	1217.4
Standard Deviation							2.7	2.2	819.5
CV							11.62	2.02	11.46
Grand Mean							23.04	111.24	7152.18

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Evaluation of POST Application of Command, Prowl 3.3EC, and Prowl H_2O

Experiment number	**C10-34**
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
Planting date	4/1/10
Harvest date	N/A
Crop/Variety	CL131
Emergence date	4/19/10
Uniform std. treatment	N/A

Application type	DPRE	EPOST	MPOST
Date applied [mm/dd/yy]	04/13/10	04/26/10	05/03/10
Time [hh:mm-hh:mm]	9:10-9:20A	1:20-1:25P	8:40-8:45A
Incorporation equip./Depth:	N/A	N/A	N/A
Air/Soil temperature [F]	70/68	83/73	77/72
Relative humidity [%]	80	53	83
Wind [mph, direction]	8-10,E	4-7,W	4-5,E
Weather [sunny, etc]	sunny	sunny	sunny
Soil/Leaf surface moist	moist/N/A	dry/dry	wet/dry
Crop stage/Height	N/A	1-2lf/2-3"	3lf/4-6"
Sprayer type/MPH	CO_2BkPk/3	CO_2BkPk/3	CO_2BkPk/3
Nozzle type/Size*	AMFF/110015	AMFF/110015	AMFF/110015
Boom ht/# Noz/Spacing	15/5/15	15/5/15	15/5/15
GPA/PSI	15/22	15/25	15/25
Applied by	EPW	JBH	EPW

Weed Species (population)	---------- (height/#leaves) ----------	
BRAPP(200-400m^{-2})	½-2"/1-4lf	½-3"/2-5lf
ECHCG(80-150m^{-2})	½-2"/1-4lf	½-2"/2-4lf

Flush Dates	4/7, 4/15, 4/29, 5/13
Permanent Flood	5/27

*AMFF – Air mix flat fan nozzles

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Evaluation of POST Applications of Command, Prowl 3.3EC, and Prowl H2O

Trial ID: C10-34 Protocol ID: C10-34
Location: RRS-Crowley Study Director:
Investigator: Eric P. Webster

Pest Code							BRAPP	BRAPP	BRAPP	BRAPP	ECHCG
Rating Date							28/4/10	19/5/10	24/5/10	7/6/10	28/4/10
Rating Data Type							Control	Control	Control	Control	Control
Rating Unit								%	%	%	
Trt-Eval Interval							28 da PRE	16 da MPOST	21 da MPOST	35 da MPOST	28 da PRE
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	1	2	3	4	5
1	Command	0.3	LB A/A	12.8	FL OZ/A	DPRE	99 a	94 a	91 a	75 a	98 a
	Agri-Dex	1	% V/V	1	% V/V	DPRE					
2	Command	0.3	LB A/A	12.8	FL OZ/A	EPOST		91 ab	84 a	0 c	
	Agri-Dex	1	% V/V	1	% V/V	EPOST					
3	Command	0.3	LB A/A	12.8	FL OZ/A	MPOST		74 cd	0 d	0 c	
	Agri-Dex	1	% V/V	1	% V/V	MPOST					
4	Prowl	1	LB A/A	2.42	PT/A	DPRE	96 b	81 bc	69 b	38 b	98 a
	Agri-Dex	1	% V/V	1	% V/V	DPRE					
5	Prowl	1	LB A/A	2.42	PT/A	EPOST		73 cd	63 bc	0 c	
	Agri-Dex	1	% V/V	1	% V/V	EPOST					
6	Prowl	1	LB A/A	2.42	PT/A	MPOST		71 cd	0 d	0 c	
	Agri-Dex	1	% V/V	1	% V/V	MPOST					
7	Prowl H2O	1	LB A/A	2.1	PT/A	DPRE	94 b	76 cd	56 c	0 c	98 b
	Agri-Dex	1	% V/V	1	% V/V	DPRE					
8	Prowl H2O	1	LB A/A	2.1	PT/A	EPOST		71 cd	0 d	0 c	
	Agri-Dex	1	% V/V	1	% V/V	EPOST					
9	Prowl H2O	1	LB A/A	2.1	PT/A	MPOST		70 d	0 d	0 c	
	Agri-Dex	1	% V/V	1	% V/V	MPOST					
10	Nontreated						0 c	0 e	0 d	0 c	0 c
LSD (P=.05)							2.4	10.0	9.5	6.2	0.5
Standard Deviation							1.5	6.9	6.5	4.2	0.3
CV							2.12	9.85	17.98	37.77	0.39
Grand Mean							72.06	70.13	36.25	11.25	73.38

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Pest Code							ECHCG	ECHCG	ECHCG	INJURY	INJURY
Rating Date							19/5/10	24/5/10	7/6/10	28/4/10	19/5/10
Rating Data Type							Control	Control	Control		
Rating Unit							%	%	%	%	%
Trt-Eval Interval							16 da MPOST	21 da MPOST	35 da MPOST	28 da PRE	16 da MPOST
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	6	7	8	9	10
1	Command	0.3	LB A/A	12.8	FL OZ/A	DPRE	89 a	89 a	89 a	0 a	0 a
	Agri-Dex	1	% V/V	1	% V/V	DPRE					
2	Command	0.3	LB A/A	12.8	FL OZ/A	EPOST	79 b	79 b	0 b		0 a
	Agri-Dex	1	% V/V	1	% V/V	EPOST					
3	Command	0.3	LB A/A	12.8	FL OZ/A	MPOST	75 b	0 d	0 b		0 a
	Agri-Dex	1	% V/V	1	% V/V	MPOST					
4	Prowl	1	LB A/A	2.42	PT/A	DPRE	93 a	90 a	86 a	0 a	0 a
	Agri-Dex	1	% V/V	1	% V/V	DPRE					
5	Prowl	1	LB A/A	2.42	PT/A	EPOST	80 b	63 c	0 b		0 a
	Agri-Dex	1	% V/V	1	% V/V	EPOST					
6	Prowl	1	LB A/A	2.42	PT/A	MPOST	79 b	0 d	0 b		0 a
	Agri-Dex	1	% V/V	1	% V/V	MPOST					
7	Prowl H2O	1	LB A/A	2.1	PT/A	DPRE	93 a	86 a	0 b	0 a	0 a
	Agri-Dex	1	% V/V	1	% V/V	DPRE					
8	Prowl H2O	1	LB A/A	2.1	PT/A	EPOST	75 b	0 d	0 b		0 a
	Agri-Dex	1	% V/V	1	% V/V	EPOST					
9	Prowl H2O	1	LB A/A	2.1	PT/A	MPOST	73 b	0 d	0 b		0 a
	Agri-Dex	1	% V/V	1	% V/V	MPOST					
10	Nontreated						0 c	0 d	0 b	0 a	0 a
LSD (P=.05)							8.3	7.2	4.5	0.0	0.0
Standard Deviation							5.7	5.0	3.1	0.0	0.0
CV							7.82	12.26	17.82	0.0	0.0
Grand Mean							73.38	40.63	17.5	0.0	0.0

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Pest Code							INJURY	INJURY	HEIGHT
Rating Date							24/5/10	7/6/10	28/4/10
Rating Data Type									Avg. Height
Rating Unit							%	%	cm
Trt-Eval Interval							21 da MPOST	35 da MPOST	28 da PRE
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	11	12	15
1	Command	0.3	LB A/A	12.8	FL OZ/A	DPRE	0 a	0 a	10 a
	Agri-Dex	1	% V/V	1	% V/V	DPRE			
2	Command	0.3	LB A/A	12.8	FL OZ/A	EPOST	0 a	0 a	
	Agri-Dex	1	% V/V	1	% V/V	EPOST			
3	Command	0.3	LB A/A	12.8	FL OZ/A	MPOST	0 a	0 a	
	Agri-Dex	1	% V/V	1	% V/V	MPOST			
4	Prowl	1	LB A/A	2.42	PT/A	DPRE	0 a	0 a	11 a
	Agri-Dex	1	% V/V	1	% V/V	DPRE			
5	Prowl	1	LB A/A	2.42	PT/A	EPOST	0 a	0 a	
	Agri-Dex	1	% V/V	1	% V/V	EPOST			
6	Prowl	1	LB A/A	2.42	PT/A	MPOST	0 a	0 a	
	Agri-Dex	1	% V/V	1	% V/V	MPOST			
7	Prowl H2O	1	LB A/A	2.1	PT/A	DPRE	0 a	0 a	10 a
	Agri-Dex	1	% V/V	1	% V/V	DPRE			
8	Prowl H2O	1	LB A/A	2.1	PT/A	EPOST	0 a	0 a	
	Agri-Dex	1	% V/V	1	% V/V	EPOST			
9	Prowl H2O	1	LB A/A	2.1	PT/A	MPOST	0 a	0 a	
	Agri-Dex	1	% V/V	1	% V/V	MPOST			
10	Nontreated						0 a	0 a	10 a
LSD (P=.05)							0.0	0.0	1.5
Standard Deviation							0.0	0.0	1.0
CV							0.0	0.0	9.26
Grand Mean							0.0	0.0	10.34

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Hybrid Rice Tolerance to ALS Herbicide

Experiment number	**C10-35**
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
Planting date	4/1/10
Harvest date	8/23/10
Crop/Variety	CLXL 745
Emergence date	4/19/10
Uniform std. treatment	N/A

Application type	Emergence	10-14DAA
Date applied [mm/dd/yy]	04/21/10	05/04/10
Time [hh:mm-hh:mm]	11:50-12:00P	8:45-9:15A
Incorporation equip./Depth:	N/A	N/A
Air/Soil temperature [F]	78/73	75/70
Relative humidity [%]	67	76
Wind [mph, direction]	1-2,S	3-4,NE
Weather [sunny, etc]	sunny	sunny
Soil/Leaf surface moist	moist/dry	wet/dry
Crop stage/Height	1lf/1-2"	3-4lf/4-6"
Sprayer type/MPH	CO_2BkPk/3	CO_2BkPk/3
Nozzle type/Size*	AMFF/110015	AMFF/110015
Boom ht/# Noz/Spacing	15/5/15	15/5/15
GPA/PSI	15/24	15/25
Applied by	TPC	EPW

Flush Dates	4/7, 4/15, 4/29, 5/13
Permanent Flood	5/27

*AMFF – Air mix flat fan nozzles

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Hybrid Rice Tolerance to ALS Herbicides

Trial ID: C10-35 Protocol ID: C10-35
Location: RRS-Crowley, LA Study Director:
Investigator: Eric P. Webster

Pest Code							INJURY	INJURY	INJURY	INJURY		
Rating Date							13/5/10	24/5/10	7/6/10	21/6/10	19/5/10	23/8/10
Rating Data Type											Avg. Height	Avg. Height
Rating Unit							%	%	%	%	cm	cm
Trt-Eval Interval							9 DAT	20 DAT	34 DAT	48 DAT	15 DAT	Harvest
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	1	2	3	4	9	14
1	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	0 e	0 g	0 f	0 e	27 ab	121 abc
	Newpath	0.094	LB A/A	6	FL OZ/A	EMERGENCE						
	Agridex	1	% V/V	19.2	FL OZ/A	EMERGENCE						
	Newpath	0.094	LB A/A	6	FL OZ/A	10-14 DAA						
	Agridex	1	% V/V	19.2	FL OZ/A	10-14 DAA						
2	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	10 de	0 g	1 f	0 e	25 abc	124 ab
	Newpath	0.094	LB A/A	6	FL OZ/A	EMERGENCE						
	Agridex	1	% V/V	19.2	FL OZ/A	EMERGENCE						
	Cadre	0.125	LB A/A	8	FL OZ/A	10-14 DAA						
	Agridex	1	% V/V	19.2	FL OZ/A	10-14 DAA						
3	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	5 de	0 g	0 f	0 e	26 abc	120 abc
	Newpath	0.094	LB A/A	6	FL OZ/A	EMERGENCE						
	Agridex	1	% V/V	19.2	FL OZ/A	EMERGENCE						
	Arsenal AC	0.188	LB A/A	6	FL OZ/A	10-14 DAA						
	Agridex	1	% V/V	19.2	FL OZ/A	10-14 DAA						
4	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	15 cd	14 ef	3 f	3 de	23 c-f	122 ab
	Newpath	0.094	LB A/A	6	FL OZ/A	EMERGENCE						
	Agridex	1	% V/V	19.2	FL OZ/A	EMERGENCE						
	Accent	0.061	LB A/A	1.3	OZ/A	10-14 DAA						
	Agridex	1	% V/V	19.2	FL OZ/A	10-14 DAA						
5	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	28 c	71 ab	83 b	84 a	16 ij	105 e
	Newpath	0.094	LB A/A	6	FL OZ/A	EMERGENCE						
	Agridex	1	% V/V	19.2	FL OZ/A	EMERGENCE						
	Beacon	0.071	LB A/A	1.52	OZ/A	10-14 DAA						
	Agridex	1	% V/V	19.2	FL OZ/A	10-14 DAA						
6	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	58 a	83 a	95 a	88 a	15 j	113 d
	Newpath	0.094	LB A/A	6	FL OZ/A	EMERGENCE						
	Agridex	1	% V/V	19.2	FL OZ/A	EMERGENCE						
	Resolve	0.0313	LB A/A	2	OZ/A	10-14 DAA						
	Agridex	1	% V/V	19.2	FL OZ/A	10-14 DAA						
7	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	51 ab	66 b	30 d	38 b	17 hij	122 ab
	Newpath	0.094	LB A/A	6	FL OZ/A	EMERGENCE						
	Agridex	1	% V/V	19.2	FL OZ/A	EMERGENCE						
	Certainty	0.117	LB A/A	2.5	OZ/A	10-14 DAA						
	Agridex	1	% V/V	19.2	FL OZ/A	10-14 DAA						
8	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	43 b	28 cd	20 e	23 c	20 e-h	121 abc
	Newpath	0.094	LB A/A	6	FL OZ/A	EMERGENCE						
	Agridex	1	% V/V	19.2	FL OZ/A	EMERGENCE						
	Envoke	0.014	LB A/A	0.3	OZ/A	10-14 DAA						
	Agridex	1	% V/V	19.2	FL OZ/A	10-14 DAA						
9	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	16 cd	34 c	9 f	23 c	18 g-j	121 abc
	Newpath	0.094	LB A/A	6	FL OZ/A	EMERGENCE						
	Agridex	1	% V/V	19.2	FL OZ/A	EMERGENCE						
	Classic	0.0156	LB A/A	1	OZ/A	10-14 DAA						
	Agridex	1	% V/V	19.2	FL OZ/A	10-14 DAA						
10	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	11 de	63 b	45 c	81 a	19 f-i	97 f
	Newpath	0.094	LB A/A	6	FL OZ/A	EMERGENCE						
	Agridex	1	% V/V	19.2	FL OZ/A	EMERGENCE						
	Ally XP/Cimarron	0.075	LB A/A	2	OZ/A	10-14 DAA						
	Agridex	1	% V/V	19.2	FL OZ/A	10-14 DAA						
11	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	5 de	16 de	8 f	25 bc	20 e-h	117 cd
	Newpath	0.094	LB A/A	6	FL OZ/A	EMERGENCE						
	Agridex	1	% V/V	19.2	FL OZ/A	EMERGENCE						
	Glean	0.031	LB A/A	0.66	OZ/A	10-14 DAA						
	Agridex	1	% V/V	19.2	FL OZ/A	10-14 DAA						

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Pest Code							INJURY	INJURY	INJURY	INJURY		
Rating Date							13/5/10	24/5/10	7/6/10	21/6/10	19/5/10	23/8/10
Rating Data Type											Avg. Height	Avg. Height
Rating Unit							%	%	%	%	cm	cm
Trt-Eval Interval							9 DAT	20 DAT	34 DAT	48 DAT	15 DAT	Harvest
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	1	2	3	4	9	14
12	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	0 e	3 fg	0 f	3 de	25 a-d	120 abc
	Newpath	0.094	LB A/A	6	FL OZ/A	EMERGENCE						
	Agridex	1	% V/V	19.2	FL OZ/A	EMERGENCE						
	Python	0.0125	LB A/A	0.25	OZ/A	10-14 DAA						
	Agridex	1	% V/V	19.2	FL OZ/A	10-14 DAA						
13	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	8 de	9 efg	4 f	15 cd	22 d-g	120 abc
	Newpath	0.094	LB A/A	6	FL OZ/A	EMERGENCE						
	Agridex	1	% V/V	19.2	FL OZ/A	EMERGENCE						
	FirstRate	0.0315	LB A/A	0.6	OZ/A	10-14 DAA						
	Agridex	1	% V/V	19.2	FL OZ/A	10-14 DAA						
14	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	4 de	0 g	0 f	3 de	26 abc	119 bc
	Newpath	0.094	LB A/A	6	FL OZ/A	EMERGENCE						
	Agridex	1	% V/V	19.2	FL OZ/A	EMERGENCE						
	Harmony SG	0.047	LB A/A	1.5	OZ/A	10-14 DAA						
	Agridex	1	% V/V	19.2	FL OZ/A	10-14 DAA						
15	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	6 de	5 efg	1 f	3 de	24 b-e	123 ab
	Newpath	0.094	LB A/A	6	FL OZ/A	EMERGENCE						
	Agridex	1	% V/V	19.2	FL OZ/A	EMERGENCE						
	Express	0.0206	LB A/A	0.66	OZ/A	10-14 DAA						
	Agridex	1	% V/V	19.2	FL OZ/A	10-14 DAA						
16	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	0 e	0 g	0 f	0 e	26 abc	122 abc
	Newpath	0.094	LB A/A	6	FL OZ/A	EMERGENCE						
	Agridex	1	% V/V	19.2	FL OZ/A	EMERGENCE						
	Staple LX	0.095	LB A/A	3.8	FL OZ/A	10-14 DAA						
	Agridex	1	% V/V	19.2	FL OZ/A	10-14 DAA						
17	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	0 e	4 fg	1 f	3 de	28 a	125 a
	Newpath	0.094	LB A/A	6	FL OZ/A	EMERGENCE						
	Agridex	1	% V/V	19.2	FL OZ/A	EMERGENCE						
	Scepter	0.245	LB A/A	5.6	OZ/A	10-14 DAA						
	Agridex	1	% V/V	19.2	FL OZ/A	10-14 DAA						
LSD (P=.05)							13.3	11.7	10.0	14.3	3.8	5.4
Standard Deviation							9.3	8.2	7.0	10.0	2.6	3.8
CV							60.95	35.45	39.72	43.99	11.88	3.18
Grand Mean							15.22	23.16	17.57	22.79	22.16	118.31

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Pest Code							
Rating Date							23/8/10
Rating Data Type							Yield @ 12%
Rating Unit							lb/Acre
Trt-Eval Interval							Harvest
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	17
1	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	7019 ab
	Newpath	0.094	LB A/A	6	FL OZ/A	EMERGENCE	
	Agridex	1	% V/V	19.2	FL OZ/A	EMERGENCE	
	Newpath	0.094	LB A/A	6	FL OZ/A	10-14 DAA	
	Agridex	1	% V/V	19.2	FL OZ/A	10-14 DAA	
2	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	7458 ab
	Newpath	0.094	LB A/A	6	FL OZ/A	EMERGENCE	
	Agridex	1	% V/V	19.2	FL OZ/A	EMERGENCE	
	Cadre	0.125	LB A/A	8	FL OZ/A	10-14 DAA	
	Agridex	1	% V/V	19.2	FL OZ/A	10-14 DAA	
3	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	7475 ab
	Newpath	0.094	LB A/A	6	FL OZ/A	EMERGENCE	
	Agridex	1	% V/V	19.2	FL OZ/A	EMERGENCE	
	Arsenal AC	0.188	LB A/A	6	FL OZ/A	10-14 DAA	
	Agridex	1	% V/V	19.2	FL OZ/A	10-14 DAA	
4	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	7838 ab
	Newpath	0.094	LB A/A	6	FL OZ/A	EMERGENCE	
	Agridex	1	% V/V	19.2	FL OZ/A	EMERGENCE	
	Accent	0.061	LB A/A	1.3	OZ/A	10-14 DAA	
	Agridex	1	% V/V	19.2	FL OZ/A	10-14 DAA	
5	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	5414 cde
	Newpath	0.094	LB A/A	6	FL OZ/A	EMERGENCE	
	Agridex	1	% V/V	19.2	FL OZ/A	EMERGENCE	
	Beacon	0.071	LB A/A	1.52	OZ/A	10-14 DAA	
	Agridex	1	% V/V	19.2	FL OZ/A	10-14 DAA	
6	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	4923 e
	Newpath	0.094	LB A/A	6	FL OZ/A	EMERGENCE	
	Agridex	1	% V/V	19.2	FL OZ/A	EMERGENCE	
	Resolve	0.0313	LB A/A	2	OZ/A	10-14 DAA	
	Agridex	1	% V/V	19.2	FL OZ/A	10-14 DAA	
7	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	8183 a
	Newpath	0.094	LB A/A	6	FL OZ/A	EMERGENCE	
	Agridex	1	% V/V	19.2	FL OZ/A	EMERGENCE	
	Certainty	0.117	LB A/A	2.5	OZ/A	10-14 DAA	
	Agridex	1	% V/V	19.2	FL OZ/A	10-14 DAA	
8	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	7701 ab
	Newpath	0.094	LB A/A	6	FL OZ/A	EMERGENCE	
	Agridex	1	% V/V	19.2	FL OZ/A	EMERGENCE	
	Envoke	0.014	LB A/A	0.3	OZ/A	10-14 DAA	
	Agridex	1	% V/V	19.2	FL OZ/A	10-14 DAA	
9	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	6654 bcd
	Newpath	0.094	LB A/A	6	FL OZ/A	EMERGENCE	
	Agridex	1	% V/V	19.2	FL OZ/A	EMERGENCE	
	Classic	0.0156	LB A/A	1	OZ/A	10-14 DAA	
	Agridex	1	% V/V	19.2	FL OZ/A	10-14 DAA	
10	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	5186 de
	Newpath	0.094	LB A/A	6	FL OZ/A	EMERGENCE	
	Agridex	1	% V/V	19.2	FL OZ/A	EMERGENCE	
	Ally XP/Cimarron	0.075	LB A/A	2	OZ/A	10-14 DAA	
	Agridex	1	% V/V	19.2	FL OZ/A	10-14 DAA	
11	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	7103 ab
	Newpath	0.094	LB A/A	6	FL OZ/A	EMERGENCE	
	Agridex	1	% V/V	19.2	FL OZ/A	EMERGENCE	
	Glean	0.031	LB A/A	0.66	OZ/A	10-14 DAA	
	Agridex	1	% V/V	19.2	FL OZ/A	10-14 DAA	
12	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	7544 ab
	Newpath	0.094	LB A/A	6	FL OZ/A	EMERGENCE	
	Agridex	1	% V/V	19.2	FL OZ/A	EMERGENCE	
	Python	0.0125	LB A/A	0.25	OZ/A	10-14 DAA	
	Agridex	1	% V/V	19.2	FL OZ/A	10-14 DAA	

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Pest Code							
Rating Date							23/8/10
Rating Data Type							Yield @ 12%
Rating Unit							lb/Acre
Trt-Eval Interval							Harvest
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	17
13	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	7146 ab
	Newpath	0.094	LB A/A	6	FL OZ/A	EMERGENCE	
	Agridex	1	% V/V	19.2	FL OZ/A	EMERGENCE	
	FirstRate	0.0315	LB A/A	0.6	OZ/A	10-14 DAA	
	Agridex	1	% V/V	19.2	FL OZ/A	10-14 DAA	
14	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	7738 ab
	Newpath	0.094	LB A/A	6	FL OZ/A	EMERGENCE	
	Agridex	1	% V/V	19.2	FL OZ/A	EMERGENCE	
	Harmony SG	0.047	LB A/A	1.5	OZ/A	10-14 DAA	
	Agridex	1	% V/V	19.2	FL OZ/A	10-14 DAA	
15	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	7621 ab
	Newpath	0.094	LB A/A	6	FL OZ/A	EMERGENCE	
	Agridex	1	% V/V	19.2	FL OZ/A	EMERGENCE	
	Express	0.0206	LB A/A	0.66	OZ/A	10-14 DAA	
	Agridex	1	% V/V	19.2	FL OZ/A	10-14 DAA	
16	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	6792 abc
	Newpath	0.094	LB A/A	6	FL OZ/A	EMERGENCE	
	Agridex	1	% V/V	19.2	FL OZ/A	EMERGENCE	
	Staple LX	0.095	LB A/A	3.8	FL OZ/A	10-14 DAA	
	Agridex	1	% V/V	19.2	FL OZ/A	10-14 DAA	
17	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	7645 ab
	Newpath	0.094	LB A/A	6	FL OZ/A	EMERGENCE	
	Agridex	1	% V/V	19.2	FL OZ/A	EMERGENCE	
	Scepter	0.245	LB A/A	5.6	OZ/A	10-14 DAA	
	Agridex	1	% V/V	19.2	FL OZ/A	10-14 DAA	
LSD (P=.05)							1510.8
Standard Deviation							1057.2
CV							15.05
Grand Mean							7025.87

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Strada Combinations for Preflood Weed Control

Experiment number..... :	**C10-36**
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
Planting date ..... :	4/1/10
Harvest date..... :	N/A
Crop/Variety ..... :	CL 131
Emergence date..... :	4/19/10
Uniform std. treatment..... :	N/A

Application type..... :	PRE	Pre Flood
Date applied [mm/dd/yy] ..... :	04/02/10	05/17/10
Time [hh:mm-hh:mm]..... :	10:18-10:20A	8:47-8:50A
Incorporation equip./Depth:..... :	N/A	N/A
Air/Soil temperature [F] ..... :	73/62	77/78
Relative humidity [%]..... :	83	68
Wind [mph, direction] ..... :	5-7,S	1-2,SE
Weather [sunny, etc] ..... :	sunny	sunny
Soil/Leaf surface moist..... :	dry/N/A	wet/dry
Crop stage/Height ..... :	N/A	3lf-1tiller/3-6"
Sprayer type/MPH..... :	CO_2BkPk/3	CO_2BkPk/3
Nozzle type/Size* ..... :	AMFF/110015	AMFF/110015
Boom ht/# Noz/Spacing ..... :	15/5/15	15/5/15
GPA/PSI ..... :	15/22	15/25
Applied by..... :	EPW	EPW

Weed Species (population)..... :	---------- (height/#leaves) ----------
AESIN(2-5m^{-2})..... :	5-10"/5-10lf
ALRPH(2-5m^{-2})..... :	10-15"/12-15lf
BRAPP(50-75m^{-2})……..... :	2-4"/3-5lf
CYPES(10-25m^{-2}) ..... :	10-12"/7-12lf
CYPIR(100-150m^{-2})..... :	1-2"/2-4lf
ECHCG(25-50m^{-2})..... :	1-3"/2-5lf
ECLAL(5-10m^{-2})……..... :	1-3"/2-6lf
SEBEX(20-30m^{-2})..... :	5-8"/5-10lf

Flush Dates ..... :	4/7, 4/15, 4/29, 5/13
Permanent Flood..... :	5/27

*AMFF – Air mix flat fan nozzles

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Strada Combinations for Preflood Weed Control

Trial ID: C10-36 Protocol ID: C10-36
Location: RRS-Crowley, LA Study Director:
Investigator: Eric P. Webster

Pest Code							SEBEX	SEBEX	SEBEX	SEBEX	AESIN	AESIN	AESIN	AESIN
Rating Date							24/5/10	8/6/10	22/6/10	7/7/10	24/5/10	8/6/10	22/6/10	7/7/10
Rating Data Type							Control	Control	Control	Control	Control	Control	Control	Control
Rating Unit							%	%	%	%	%	%	%	%
Trt-Eval Interval							7 DAT	21 DAT	35 DAT	49 DAT	7 DAT	21 DAT	35 DAT	49 DAT
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	1	2	3	4	5	6	7	8
1	Command	0.3	LB A/A	12.8	fl oz/A	PRE	45 c	91 ab	95 a	93 a	45 c	93 ab	95 a	93 ab
	IR5880	0.247	LB A/A	0.33	lb/a	PREFL								
	IR5878	0.0413	LB A/A	1.32	oz/a	PREFL								
	Agri-Dex	1	% V/V	19.2	oz/a	PREFL								
2	Command	0.3	LB A/A	12.8	fl oz/A	PRE	70 b	93 a	95 a	93 a	70 b	93 ab	95 a	95 a
	IR5880	0.28	LB A/A	0.375	lb/a	PREFL								
	IR5878	0.047	LB A/A	1.5	oz/a	PREFL								
	Agri-Dex	1	% V/V	19.2	oz/a	PREFL								
3	Command	0.3	LB A/A	12.8	fl oz/A	PRE	50 c	91 ab	95 a	95 a	50 c	90 b	95 a	95 a
	IR5880	0.225	LB A/A	0.3	lb/a	PREFL								
	IR5878	0.0625	LB A/A	2.0	oz/a	PREFL								
	Agri-Dex	1	% V/V	19.2	oz/a	PREFL								
4	Command	0.3	LB A/A	12.8	fl oz/A	PRE	70 b	93 a	95 a	94 a	70 b	91 ab	95 a	91 ab
	IR5880	0.3	LB A/A	0.4	lb/a	PREFL								
	IR5878	0.05	LB A/A	1.6	oz/a	PREFL								
	Agri-Dex	1	% V/V	19.2	oz/a	PREFL								
5	Command	0.3	LB A/A	12.8	fl oz/A	PRE	68 b	91 ab	95 a	93 a	68 b	93 ab	95 a	93 ab
	IR5880	0.375	LB A/A	0.5	lb/a	PREFL								
	IR5878	0.0625	LB A/A	2.0	oz/a	PREFL								
	Agri-Dex	1	% V/V	19.2	oz/a	PREFL								
6	Command	0.3	LB A/A	12.8	fl oz/A	PRE	95 a	90 ab	95 a	93 a	95 a	91 ab	95 a	93 ab
	IR5880	0.247	LB A/A	0.33	lb/a	PREFL								
	Propanil	3	LB A/A	3	qt/a	PREFL								
	Agri-Dex	1	% V/V	19.2	oz/a	PREFL								
7	Command	0.3	LB A/A	12.8	fl oz/A	PRE	95 a	90 ab	95 a	95 a	95 a	90 b	95 a	95 a
	IR5880	0.247	LB A/A	0.33	lb/a	PREFL								
	IR5878	0.0413	LB A/A	1.32	oz/a	PREFL								
	Propanil	3	LB A/A	3	qt/a	PREFL								
	Agri-Dex	1	% V/V	19.2	oz/a	PREFL								
8	Command	0.3	LB A/A	12.8	fl oz/A	PRE	78 b	93 a	95 a	94 a	78 b	94 a	95 a	95 a
	IR5880	0.247	LB A/A	0.33	lb/a	PREFL								
	IR5878	0.0413	LB A/A	1.32	oz/a	PREFL								
	IR5890	0.0117	LB A/A	0.25	oz/a	PREFL								
	Agri-Dex	1	% V/V	19.2	oz/a	PREFL								
9	Command	0.3	LB A/A	12.8	fl oz/A	PRE	68 b	93 a	95 a	95 a	68 b	93 ab	95 a	95 a
	IR5880	0.247	LB A/A	0.33	lb/a	PREFL								
	IR5878	0.0413	LB A/A	1.32	oz/a	PREFL								
	IR5890	0.0155	LB A/A	0.33	oz/a	PREFL								
	Agri-Dex	1	% V/V	19.2	oz/a	PREFL								
10	Command	0.3	LB A/A	12.8	fl oz/A	PRE	94 a	93 a	95 a	95 a	94 a	94 a	95 a	95 a
	Grasp	0.0438	LB A/A	2.8	oz/a	PREFL								
	Agri-Dex	1	% V/V	19.2	oz/a	PREFL								
11	Command	0.3	LB A/A	12.8	fl oz/A	PRE	90 a	91 ab	95 a	80 b	90 a	91 ab	95 a	89 b
	Regiment	0.025	LB A/A	0.5	oz/a	PREFL								
	Dyne-a-Pak	0.67	% V/V	12.8	oz/a	PREFL								
12	Command	0.3	LB A/A	12.8	fl oz/A	PRE	94 a	89 b	95 a	94 a	94 a	90 b	95 a	95 a
	Broadhead	0.35	LB A/A	8	oz/a	PREFL								
	Agri-Dex	1	% V/V	19.2	oz/a	PREFL								
13	Command	0.3	LB A/A	12.8	fl oz/A	PRE	95 a	91 ab	95 a	95 a	95 a	91 ab	95 a	95 a
	Broadhead	0.525	LB A/A	12	oz/a	PREFL								
	Agri-Dex	1	% V/V	19.2	oz/a	PREFL								

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Pest Code							SEBEX	SEBEX	SEBEX	SEBEX	AESIN	AESIN	AESIN	AESIN
Rating Date							24/5/10	8/6/10	22/6/10	7/7/10	24/5/10	8/6/10	22/6/10	7/7/10
Rating Data Type							Control	Control	Control	Control	Control	Control	Control	Control
Rating Unit							%	%	%	%	%	%	%	%
Trt-Eval Interval							7 DAT	21 DAT	35 DAT	49 DAT	7 DAT	21 DAT	35 DAT	49 DAT
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	1	2	3	4	5	6	7	8
14	Nontreated Command	0.3	LB A/A	12.8	fl oz/A	PRE	0 d	0 c	0 b	0 c	0 d	0 c	0 b	0 c
LSD (P=.05)							12.4	3.6	0.0	8.5	12.4	3.5	0.0	4.0
Standard Deviation							8.7	2.5	0.0	5.9	8.7	2.5	0.0	2.8
CV							12.03	3.01	0.0	6.88	12.03	2.91	0.0	3.25
Grand Mean							72.14	84.82	88.21	86.16	72.14	85.18	88.21	86.96

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Pest Code							CNPPA	CNPPA	CNPPA	CNPPA	ALRPH	ALRPH	ALRPH	ALRPH
Rating Date							24/5/10	8/6/10	22/6/10	7/7/10	24/5/10	8/6/10	22/6/10	7/7/10
Rating Data Type							Control	Control	Control	Control	Control	Control	Control	Control
Rating Unit							%	%	%	%	%	%	%	%
Trt-Eval Interval							7 DAT	21 DAT	35 DAT	49 DAT	7 DAT	21 DAT	35 DAT	49 DAT
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	9	10	11	12	13	14	15	16
1	Command	0.3	LB A/A	12.8	fl oz/A	PRE	10 d	88 c	93 ab	65 c	15 de	83 abc	89 a	70 ab
	IR5880	0.247	LB A/A	0.33	lb/a	PREFL								
	IR5878	0.0413	LB A/A	1.32	oz/a	PREFL								
	Agri-Dex	1	% V/V	19.2	oz/a	PREFL								
2	Command	0.3	LB A/A	12.8	fl oz/A	PRE	10 d	90 abc	93 a	88 a	15 de	81 abc	90 a	84 a
	IR5880	0.28	LB A/A	0.375	lb/a	PREFL								
	IR5878	0.047	LB A/A	1.5	oz/a	PREFL								
	Agri-Dex	1	% V/V	19.2	oz/a	PREFL								
3	Command	0.3	LB A/A	12.8	fl oz/A	PRE	10 d	89 bc	93 ab	83 ab	10 e	78 c	90 a	73 ab
	IR5880	0.225	LB A/A	0.3	lb/a	PREFL								
	IR5878	0.0625	LB A/A	2.0	oz/a	PREFL								
	Agri-Dex	1	% V/V	19.2	oz/a	PREFL								
4	Command	0.3	LB A/A	12.8	fl oz/A	PRE	10 d	93 ab	93 ab	81 ab	15 de	84 abc	89 a	78 ab
	IR5880	0.3	LB A/A	0.4	lb/a	PREFL								
	IR5878	0.05	LB A/A	1.6	oz/a	PREFL								
	Agri-Dex	1	% V/V	19.2	oz/a	PREFL								
5	Command	0.3	LB A/A	12.8	fl oz/A	PRE	10 d	94 a	94 a	83 ab	20 d	84 abc	90 a	81 ab
	IR5880	0.375	LB A/A	0.5	lb/a	PREFL								
	IR5878	0.0625	LB A/A	2.0	oz/a	PREFL								
	Agri-Dex	1	% V/V	19.2	oz/a	PREFL								
6	Command	0.3	LB A/A	12.8	fl oz/A	PRE	75 c	91 abc	91 ab	76 abc	50 bc	81 abc	90 a	79 ab
	IR5880	0.247	LB A/A	0.33	lb/a	PREFL								
	Propanil	3	LB A/A	3	qt/a	PREFL								
	Agri-Dex	1	% V/V	19.2	oz/a	PREFL								
7	Command	0.3	LB A/A	12.8	fl oz/A	PRE	89 a	89 bc	94 a	71 bc	60 a	79 bc	88 a	71 ab
	IR5880	0.247	LB A/A	0.33	lb/a	PREFL								
	IR5878	0.0413	LB A/A	1.32	oz/a	PREFL								
	Propanil	3	LB A/A	3	qt/a	PREFL								
	Agri-Dex	1	% V/V	19.2	oz/a	PREFL								
8	Command	0.3	LB A/A	12.8	fl oz/A	PRE	10 d	90 abc	89 b	65 c	13 de	88 a	89 a	65 b
	IR5880	0.247	LB A/A	0.33	lb/a	PREFL								
	IR5878	0.0413	LB A/A	1.32	oz/a	PREFL								
	IR5890	0.0117	LB A/A	0.25	oz/a	PREFL								
	Agri-Dex	1	% V/V	19.2	oz/a	PREFL								
9	Command	0.3	LB A/A	12.8	fl oz/A	PRE	10 d	91 abc	90 ab	75 abc	15 de	80 abc	89 a	75 ab
	IR5880	0.247	LB A/A	0.33	lb/a	PREFL								
	IR5878	0.0413	LB A/A	1.32	oz/a	PREFL								
	IR5890	0.0155	LB A/A	0.33	oz/a	PREFL								
	Agri-Dex	1	% V/V	19.2	oz/a	PREFL								
10	Command	0.3	LB A/A	12.8	fl oz/A	PRE	10 d	88 c	90 ab	70 bc	10 e	83 abc	90 a	81 ab
	Grasp	0.0438	LB A/A	2.8	oz/a	PREFL								
	Agri-Dex	1	% V/V	19.2	oz/a	PREFL								
11	Command	0.3	LB A/A	12.8	fl oz/A	PRE	10 d	94 a	91 ab	83 ab	10 e	86 ab	90 a	80 ab
	Regiment	0.025	LB A/A	0.5	oz/a	PREFL								
	Dyne-a-Pak	0.67	% V/V	12.8	oz/a	PREFL								
12	Command	0.3	LB A/A	12.8	fl oz/A	PRE	84 ab	93 ab	91 ab	69 bc	45 c	85 abc	90 a	73 ab
	Broadhead	0.35	LB A/A	8	oz/a	PREFL								
	Agri-Dex	1	% V/V	19.2	oz/a	PREFL								
13	Command	0.3	LB A/A	12.8	fl oz/A	PRE	76 bc	91 abc	94 a	70 bc	55 ab	83 abc	90 a	76 ab
	Broadhead	0.525	LB A/A	12	oz/a	PREFL								
	Agri-Dex	1	% V/V	19.2	oz/a	PREFL								
14	Nontreated						0 e	0 d	0 c	0 d	0 f	0 d	0 b	0 c
	Command	0.3	LB A/A	12.8	fl oz/A	PRE								
LSD (P=.05)							7.7	4.2	4.4	16.2	9.1	7.6	3.0	17.0
Standard Deviation							5.4	3.0	3.1	11.4	6.4	5.3	2.1	11.9
CV							18.21	3.51	3.61	16.28	26.95	6.98	2.51	16.95
Grand Mean							29.55	84.2	85.32	69.82	23.75	76.61	83.04	70.36

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Pest Code							CYPES	INJURY	INJURY	INJURY	INJURY
Rating Date							24/5/10	24/5/10	8/6/10	22/6/10	7/7/10
Rating Data Type							Control				
Rating Unit							%	%	%	%	%
Trt-Eval Interval							7 DAT	7 DAT	21 DAT	35 DAT	49 DAT
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	17	18	19	20	21
1	Command	0.3	LB A/A	12.8	fl oz/A	PRE	10 d	0 a	0 a	0 a	0 a
	IR5880	0.247	LB A/A	0.33	lb/a	PREFL					
	IR5878	0.0413	LB A/A	1.32	oz/a	PREFL					
	Agri-Dex	1	% V/V	19.2	oz/a	PREFL					
2	Command	0.3	LB A/A	12.8	fl oz/A	PRE	10 d	0 a	0 a	0 a	0 a
	IR5880	0.28	LB A/A	0.375	lb/a	PREFL					
	IR5878	0.047	LB A/A	1.5	oz/a	PREFL					
	Agri-Dex	1	% V/V	19.2	oz/a	PREFL					
3	Command	0.3	LB A/A	12.8	fl oz/A	PRE	10 d	0 a	0 a	0 a	0 a
	IR5880	0.225	LB A/A	0.3	lb/a	PREFL					
	IR5878	0.0625	LB A/A	2.0	oz/a	PREFL					
	Agri-Dex	1	% V/V	19.2	oz/a	PREFL					
4	Command	0.3	LB A/A	12.8	fl oz/A	PRE	10 d	0 a	0 a	0 a	0 a
	IR5880	0.3	LB A/A	0.4	lb/a	PREFL					
	IR5878	0.05	LB A/A	1.6	oz/a	PREFL					
	Agri-Dex	1	% V/V	19.2	oz/a	PREFL					
5	Command	0.3	LB A/A	12.8	fl oz/A	PRE	10 d	0 a	0 a	0 a	0 a
	IR5880	0.375	LB A/A	0.5	lb/a	PREFL					
	IR5878	0.0625	LB A/A	2.0	oz/a	PREFL					
	Agri-Dex	1	% V/V	19.2	oz/a	PREFL					
6	Command	0.3	LB A/A	12.8	fl oz/A	PRE	75 b	0 a	0 a	0 a	0 a
	IR5880	0.247	LB A/A	0.33	lb/a	PREFL					
	Propanil	3	LB A/A	3	qt/a	PREFL					
	Agri-Dex	1	% V/V	19.2	oz/a	PREFL					
7	Command	0.3	LB A/A	12.8	fl oz/A	PRE	88 a	0 a	0 a	0 a	0 a
	IR5880	0.247	LB A/A	0.33	lb/a	PREFL					
	IR5878	0.0413	LB A/A	1.32	oz/a	PREFL					
	Propanil	3	LB A/A	3	qt/a	PREFL					
	Agri-Dex	1	% V/V	19.2	oz/a	PREFL					
8	Command	0.3	LB A/A	12.8	fl oz/A	PRE	10 d	0 a	0 a	0 a	0 a
	IR5880	0.247	LB A/A	0.33	lb/a	PREFL					
	IR5878	0.0413	LB A/A	1.32	oz/a	PREFL					
	IR5890	0.0117	LB A/A	0.25	oz/a	PREFL					
	Agri-Dex	1	% V/V	19.2	oz/a	PREFL					
9	Command	0.3	LB A/A	12.8	fl oz/A	PRE	10 d	0 a	0 a	0 a	0 a
	IR5880	0.247	LB A/A	0.33	lb/a	PREFL					
	IR5878	0.0413	LB A/A	1.32	oz/a	PREFL					
	IR5890	0.0155	LB A/A	0.33	oz/a	PREFL					
	Agri-Dex	1	% V/V	19.2	oz/a	PREFL					
10	Command	0.3	LB A/A	12.8	fl oz/A	PRE	10 d	0 a	0 a	0 a	0 a
	Grasp	0.0438	LB A/A	2.8	oz/a	PREFL					
	Agri-Dex	1	% V/V	19.2	oz/a	PREFL					
11	Command	0.3	LB A/A	12.8	fl oz/A	PRE	10 d	0 a	0 a	0 a	0 a
	Regiment	0.025	LB A/A	0.5	oz/a	PREFL					
	Dyne-a-Pak	0.67	% V/V	12.8	oz/a	PREFL					
12	Command	0.3	LB A/A	12.8	fl oz/A	PRE	13 cd	0 a	0 a	0 a	0 a
	Broadhead	0.35	LB A/A	8	oz/a	PREFL					
	Agri-Dex	1	% V/V	19.2	oz/a	PREFL					
13	Command	0.3	LB A/A	12.8	fl oz/A	PRE	15 c	0 a	0 a	0 a	0 a
	Broadhead	0.525	LB A/A	12	oz/a	PREFL					
	Agri-Dex	1	% V/V	19.2	oz/a	PREFL					
14	Nontreated						0 e	0 a	0 a	0 a	0 a
	Command	0.3	LB A/A	12.8	fl oz/A	PRE					
LSD (P=.05)							3.8	0.0	0.0	0.0	0.0
Standard Deviation							2.7	0.0	0.0	0.0	0.0
CV							13.36	0.0	0.0	0.0	0.0
Grand Mean							20.0	0.0	0.0	0.0	0.0

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Strada Combinations for Postflood Weed Control

Experiment number	**C10-37**
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
Planting date	4/1/10
Harvest date	N/A
Crop/Variety	CL131
Emergence date	4/19/10
Uniform std. treatment	N/A

Application type	PRE	2WKPOFL
Date applied [mm/dd/yy]	04/02/10	06/09/10
Time [hh:mm-hh:mm]	10:28-10:32	8:55-10:00A
Incorporation equip./Depth:	N/A	N/A
Air/Soil temperature [F]	73/62	87/80
Relative humidity [%]	83	89
Wind [mph, direction]	5-7,S	1-3,E
Weather [sunny, etc]	sunny	pt cloudy
Soil/Leaf surface moist	dry/N/A	flood/dry
Crop stage/Height	N/A	4-5till/12-18"
Sprayer type/MPH	CO_2BkPk/3	CO_2BkPk/3
Nozzle type/Size*	AMFF/110015	AMFF/110015
Boom ht/# Noz/Spacing	15/5/15	15/5/15
GPA/PSI	15/22	15/25
Applied by	EPW	JBH

Weed Species (population)	(height/#leaves)
BRAPP(75-100m^{-2})	4-8"/5lf-3till
ECHCG(50-75m^{-2})	6-8"/1-3till
CYPES(10-25m^{-2})	12-18"/6-8lf
CYPIR(100-150m^{-2})	4-6"/5-7lf
SEBEX(20-30m^{-2})	24-36"/15-20lf
AESIN(2-5m^{-2})	24-36"/15-20lf
ALRPH(2-5m^{-2})	18-24"/20-25lf

Flush Dates	4/7, 4/15, 4/29, 5/13
Permanent Flood	5/27

Comments: treatments 6, 7, and 8 – IR5880 and Stam M4 left residue in bottom of bottles.

*AMFF – Air mix flat fan nozzles

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Strada Combinations for Postflood Weed Control

Trial ID: C10-37 Protocol ID: C10-37
Location: RRS-Crowley, LA Study Director:
Investigator: Eric P. Webster

Pest Code							BRAPP	BRAPP	ECHCG	ECHCG	CYPES	CYPES	CYPIR	CYPIR
Rating Date							21/6/10	8/7/10	21/6/10	8/7/10	21/6/10	8/7/10	21/6/10	8/7/10
Rating Data Type							Control	Control	Control	Control	Control	Control	Control	Control
Rating Unit							%	%	%	%	%	%	%	%
Trt-Eval Interval							12 DAT	29 DAT	12 DAT	29 DAT	12 DAT	29 DAT	12 DAT	29 DAT
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	1	2	3	4	5	6	7	8
1	Command	0.3	LB A/A	12.8	fl oz/A	PRE	20 d	60 c	20 d	60 b	10 c	23 bc	10 c	38 cd
	IR5880	0.247	LB A/A	0.33	lb/a	2wk POFL								
	IR5878	0.0413	LB A/A	1.32	oz/a	2wk POFL								
	Agri-Dex	1	% V/V	19.2	oz/a	2wk POFL								
2	Command	0.3	LB A/A	12.8	fl oz/A	PRE	20 d	65 bc	20 d	73 ab	10 c	25 bc	10 c	33 de
	IR5880	0.28	LB A/A	0.375	lb/a	2wk POFL								
	IR5878	0.047	LB A/A	1.5	oz/a	2wk POFL								
	Agri-Dex	1	% V/V	19.2	oz/a	2wk POFL								
3	Command	0.3	LB A/A	12.8	fl oz/A	PRE	20 d	68 abc	20 d	70 ab	10 c	30 b	10 c	53 bc
	IR5880	0.225	LB A/A	0.3	lb/a	2wk POFL								
	IR5878	0.0625	LB A/A	2.0	oz/a	2wk POFL								
	Agri-Dex	1	% V/V	19.2	oz/a	2wk POFL								
4	Command	0.3	LB A/A	12.8	fl oz/A	PRE	20 d	65 bc	20 d	60 b	10 c	18 bc	10 c	20 def
	IR5880	0.3	LB A/A	0.4	lb/a	2wk POFL								
	IR5878	0.05	LB A/A	1.6	oz/a	2wk POFL								
	Agri-Dex	1	% V/V	19.2	oz/a	2wk POFL								
5	Command	0.3	LB A/A	12.8	fl oz/A	PRE	20 d	68 abc	20 d	65 ab	10 c	15 c	10 c	30 de
	IR5880	0.375	LB A/A	0.5	lb/a	2wk POFL								
	IR5878	0.0625	LB A/A	2.0	oz/a	2wk POFL								
	Agri-Dex	1	% V/V	19.2	oz/a	2wk POFL								
6	Command	0.3	LB A/A	12.8	fl oz/A	PRE	48 c	70 abc	48 c	70 ab	40 b	68 a	60 b	73 a
	IR5880	0.247	LB A/A	0.33	lb/a	2wk POFL								
	Propanil	3	LB A/A	3	qt/a	2wk POFL								
	Agri-Dex	1	% V/V	19.2	oz/a	2wk POFL								
7	Command	0.3	LB A/A	12.8	fl oz/A	PRE	58 b	73 ab	58 b	75 a	40 b	65 a	68 b	68 ab
	IR5880	0.247	LB A/A	0.33	lb/a	2wk POFL								
	IR5878	0.0413	LB A/A	1.32	oz/a	2wk POFL								
	Propanil	3	LB A/A	3	qt/a	2wk POFL								
	Agri-Dex	1	% V/V	19.2	oz/a	2wk POFL								
8	Command	0.3	LB A/A	12.8	fl oz/A	PRE	65 a	75 ab	65 a	75 a	60 a	78 a	78 a	80 a
	IR5880	0.247	LB A/A	0.33	lb/a	2wk POFL								
	IR5878	0.0413	LB A/A	1.32	oz/a	2wk POFL								
	Propanil	4	LB A/A	4	qt/a	2wk POFL								
	Agri-Dex	1	% V/V	19.2	oz/a	2wk POFL								
9	Command	0.3	LB A/A	12.8	fl oz/A	PRE	23 d	75 ab	23 d	75 a	10 c	73 a	10 c	65 ab
	IR5880	0.247	LB A/A	0.33	lb/a	2wk POFL								
	IR5878	0.0413	LB A/A	1.32	oz/a	2wk POFL								
	IR5890	0.0117	LB A/A	0.25	oz/a	2wk POFL								
	Agri-Dex	1	% V/V	19.2	oz/a	2wk POFL								
10	Command	0.3	LB A/A	12.8	fl oz/A	PRE	20 d	76 a	20 d	78 a	10 c	78 a	10 c	78 a
	IR5880	0.247	LB A/A	0.33	lb/a	2wk POFL								
	IR5878	0.0413	LB A/A	1.32	oz/a	2wk POFL								
	IR5890	0.0155	LB A/A	0.33	oz/a	2wk POFL								
	Agri-Dex	1	% V/V	19.2	oz/a	2wk POFL								
11	Command	0.3	LB A/A	12.8	fl oz/A	PRE	20 d	73 ab	20 d	73 ab	10 c	75 a	10 c	75 a
	Regiment	0.025	LB A/A	0.5	oz/a	2wk POFL								
	Dyne-a-Pak	0.67	% V/V	12.8	oz/a	2wk POFL								
12	Command	0.3	LB A/A	12.8	fl oz/A	PRE	20 d	65 bc	20 d	65 ab	10 c	0 d	10 c	10 fg
	Broadhead	0.35	LB A/A	8	oz/a	2wk POFL								
	Agri-Dex	1	% V/V	19.2	oz/a	2wk POFL								
13	Command	0.3	LB A/A	12.8	fl oz/A	PRE	20 d	68 abc	20 d	68 ab	13 c	0 d	13 c	18 efg
	Broadhead	0.525	LB A/A	12	oz/a	2wk POFL								
	Agri-Dex	1	% V/V	19.2	oz/a	2wk POFL								

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Pest Code							BRAPP	BRAPP	ECHCG	ECHCG	CYPES	CYPES	CYPIR	CYPIR
Rating Date							21/6/10	8/7/10	21/6/10	8/7/10	21/6/10	8/7/10	21/6/10	8/7/10
Rating Data Type							Control	Control	Control	Control	Control	Control	Control	Control
Rating Unit							%	%	%	%	%	%	%	%
Trt-Eval Interval							12 DAT	29 DAT	12 DAT	29 DAT	12 DAT	29 DAT	12 DAT	29 DAT
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	1	2	3	4	5	6	7	8
14	Nontreated Command	0.3	LB A/A	12.8	fl oz/A	PRE	0 e	0 d	0 e	0 c	0 d	0 d	0 d	0 g
LSD (P=.05)							5.6	10.7	5.6	13.2	8.4	14.6	7.7	19.0
Standard Deviation							3.9	7.5	3.9	9.2	5.9	10.2	5.4	13.3
CV							14.81	11.64	14.81	14.31	33.85	26.15	24.39	29.16
Grand Mean							26.61	64.2	26.61	64.64	17.32	38.93	21.96	45.54

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Pest Code							SEBEX	SEBEX	AESIN	AESIN	ALRPH	ALRPH	INJURY	INJURY
Rating Date							21/6/10	8/7/10	21/6/10	8/7/10	21/6/10	8/7/10	21/6/10	8/7/10
Rating Data Type							Control	Control	Control	Control	Control	Control		
Rating Unit							%	%	%	%	%	%	%	%
Trt-Eval Interval							12 DAT	29 DAT	12 DAT	29 DAT	12 DAT	29 DAT	12 DAT	29 DAT
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	9	10	11	12	13	14	15	16
1	Command	0.3	LB A/A	12.8	fl oz/A	PRE	35 b	88 b	35 b	88 b	10 c	68 c	0 a	0 a
	IR5880	0.247	LB A/A	0.33	lb/a	2wk POFL								
	IR5878	0.0413	LB A/A	1.32	oz/a	2wk POFL								
	Agri-Dex	1	% V/V	19.2	oz/a	2wk POFL								
2	Command	0.3	LB A/A	12.8	fl oz/A	PRE	48 b	94 a	48 b	94 a	10 c	68 c	0 a	0 a
	IR5880	0.28	LB A/A	0.375	lb/a	2wk POFL								
	IR5878	0.047	LB A/A	1.5	oz/a	2wk POFL								
	Agri-Dex	1	% V/V	19.2	oz/a	2wk POFL								
3	Command	0.3	LB A/A	12.8	fl oz/A	PRE	35 b	93 a	35 b	95 a	10 c	70 bc	0 a	0 a
	IR5880	0.225	LB A/A	0.3	lb/a	2wk POFL								
	IR5878	0.0625	LB A/A	2.0	oz/a	2wk POFL								
	Agri-Dex	1	% V/V	19.2	oz/a	2wk POFL								
4	Command	0.3	LB A/A	12.8	fl oz/A	PRE	45 b	94 a	48 b	94 a	10 c	70 bc	0 a	0 a
	IR5880	0.3	LB A/A	0.4	lb/a	2wk POFL								
	IR5878	0.05	LB A/A	1.6	oz/a	2wk POFL								
	Agri-Dex	1	% V/V	19.2	oz/a	2wk POFL								
5	Command	0.3	LB A/A	12.8	fl oz/A	PRE	38 b	95 a	48 b	95 a	10 c	73 abc	0 a	0 a
	IR5880	0.375	LB A/A	0.5	lb/a	2wk POFL								
	IR5878	0.0625	LB A/A	2.0	oz/a	2wk POFL								
	Agri-Dex	1	% V/V	19.2	oz/a	2wk POFL								
6	Command	0.3	LB A/A	12.8	fl oz/A	PRE	90 a	95 a	90 a	95 a	18 b	75 ab	0 a	0 a
	IR5880	0.247	LB A/A	0.33	lb/a	2wk POFL								
	Propanil	3	LB A/A	3	qt/a	2wk POFL								
	Agri-Dex	1	% V/V	19.2	oz/a	2wk POFL								
7	Command	0.3	LB A/A	12.8	fl oz/A	PRE	90 a	95 a	90 a	95 a	23 ab	73 abc	0 a	0 a
	IR5880	0.247	LB A/A	0.33	lb/a	2wk POFL								
	IR5878	0.0413	LB A/A	1.32	oz/a	2wk POFL								
	Propanil	3	LB A/A	3	qt/a	2wk POFL								
	Agri-Dex	1	% V/V	19.2	oz/a	2wk POFL								
8	Command	0.3	LB A/A	12.8	fl oz/A	PRE	90 a	95 a	90 a	95 a	28 a	70 bc	0 a	0 a
	IR5880	0.247	LB A/A	0.33	lb/a	2wk POFL								
	IR5878	0.0413	LB A/A	1.32	oz/a	2wk POFL								
	Propanil	4	LB A/A	4	qt/a	2wk POFL								
	Agri-Dex	1	% V/V	19.2	oz/a	2wk POFL								
9	Command	0.3	LB A/A	12.8	fl oz/A	PRE	33 b	95 a	33 b	95 a	10 c	70 bc	0 a	0 a
	IR5880	0.247	LB A/A	0.33	lb/a	2wk POFL								
	IR5878	0.0413	LB A/A	1.32	oz/a	2wk POFL								
	IR5890	0.0117	LB A/A	0.25	oz/a	2wk POFL								
	Agri-Dex	1	% V/V	19.2	oz/a	2wk POFL								
10	Command	0.3	LB A/A	12.8	fl oz/A	PRE	40 b	95 a	50 b	95 a	10 c	73 abc	0 a	0 a
	IR5880	0.247	LB A/A	0.33	lb/a	2wk POFL								
	IR5878	0.0413	LB A/A	1.32	oz/a	2wk POFL								
	IR5890	0.0155	LB A/A	0.33	oz/a	2wk POFL								
	Agri-Dex	1	% V/V	19.2	oz/a	2wk POFL								
11	Command	0.3	LB A/A	12.8	fl oz/A	PRE	33 b	95 a	40 b	95 a	10 c	70 bc	0 a	0 a
	Regiment	0.025	LB A/A	0.5	oz/a	2wk POFL								
	Dyne-a-Pak	0.67	% V/V	12.8	oz/a	2wk POFL								
12	Command	0.3	LB A/A	12.8	fl oz/A	PRE	90 a	95 a	90 a	95 a	18 b	78 a	0 a	0 a
	Broadhead	0.35	LB A/A	8	oz/a	2wk POFL								
	Agri-Dex	1	% V/V	19.2	oz/a	2wk POFL								
13	Command	0.3	LB A/A	12.8	fl oz/A	PRE	90 a	95 a	90 a	95 a	25 a	73 abc	0 a	0 a
	Broadhead	0.525	LB A/A	12	oz/a	2wk POFL								
	Agri-Dex	1	% V/V	19.2	oz/a	2wk POFL								
14	Nontreated						0 c	0 c	0 c	0 c	0 d	0 d	0 a	0 a
	Command	0.3	LB A/A	12.8	fl oz/A	PRE								
LSD (P=.05)							18.7	3.8	21.8	3.6	6.9	6.5	0.0	0.0
Standard Deviation							13.1	2.7	15.3	2.5	4.8	4.5	0.0	0.0
CV							24.32	3.06	27.23	2.86	35.4	6.86	0.0	0.0
Grand Mean							53.93	87.32	56.07	87.5	13.57	66.25	0.0	0.0

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Strada Combinations for Early Season Weed Control

Experiment number	**C10-38**
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
Planting date	4/1/10
Harvest date	N/A
Crop/Variety	CL131
Emergence date	4/19/10
Uniform std. treatment	N/A

Application type	PRE	EPOST
Date applied [mm/dd/yy]	04/02/10	04/26/10
Time [hh:mm-hh:mm]	9:45-9:50A	4:10-4:30P
Incorporation equip./Depth:	N/A	N/A
Air/Soil temperature [F]	69/62	88/80
Relative humidity [%]	82	50
Wind [mph, direction]	2-3,S	6-8,W-NW
Weather [sunny, etc]	sunny	sunny
Soil/Leaf surface moist	dry/N/A	dry/dry
Crop stage/Height	N/A	2-3lf/2-4"
Sprayer type/MPH	CO_2BkPk/3	CO_2BkPk/3
Nozzle type/Size*	AMFF/110015	AMFF/110015
Boom ht/# Noz/Spacing	15/5/15	15/5/15
GPA/PSI	15/22	15/25
Applied by	TPC	JBH

Weed Species (population)	(height/#leaves)
AESIN(10-30m^{-2})	½-1"/1-3lf
CYPES(10-30m^{-2})	3-6"/3-5lf
SEBEX(10-30m^{-2})	½-1"/1-3lf
CNPPA(5-20m^{-2})	½-1"/1-2lf

Flush Dates	4/7, 4/15, 4/29, 5/7, 5/13
Permanent Flood	5/27

*AMFF – Air mix flat fan nozzles

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Strada Combinations for Early Season Weed Control

Trial ID: C10-38 Protocol ID: C10-38
Location: RRS- Crowley, LA Study Director:
Investigator: Eric P. Webster

Pest Code							SEBEX	SEBEX	SEBEX	SEBEX	AESIN
Rating Date							28/4/10	19/5/10	24/5/10	8/6/10	28/4/10
Rating Data Type							Control	Control	Control	Control	Control
Rating Unit								%	%	%	%
Trt-Eval Interval							28 da PRE	23 da EPOST	28 daEPOST	43 da EPOST	28 da PRE
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	1	2	3	4	5
1	Treated Check						0 b	0 d	0 d	0 e	0 d
	Command	0.3	LB A/A	12.8	fl oz/A	PRE					
2	IR5880	0.225	LB A/A	0.3	lb/a	PRE	86 a	80 c	73 c	60 d	85 c
	IR5878	0.0625	LB A/A	2.0	oz/a	PRE					
3	IR5880	0.28	LB A/A	0.375	lb/a	PRE	92 a	90 a	85 b	71 cd	91 abc
	IR5878	0.047	LB A/A	1.5	oz/a	PRE					
4	IR5880	0.375	LB A/A	0.5	lb/a	PRE	91 a	90 a	86 b	74 bc	93 ab
	IR5878	0.0625	LB A/A	2.0	oz/a	PRE					
5	IR5880	0.28	LB A/A	0.375	lb/a	PRE	89 a	89 ab	85 b	70 cd	88 bc
6	IR5880	0.375	LB A/A	0.5	lb/a	PRE	90 a	88 ab	90 ab	68 cd	95 a
7	IR5880	0.247	LB A/A	0.33	lb/a	EPOST		90 a	98 a	90 a	
	IR5878	0.0413	LB A/A	1.32	oz/a	EPOST					
	Agri-Dex	1	% V/V	19.2	oz/a	EPOST					
8	IR5880	0.28	LB A/A	0.375	lb/a	EPOST		93 a	98 a	90 a	
	IR5878	0.047	LB A/A	1.5	oz/a	EPOST					
	Agri-Dex	1	% V/V	19.2	oz/a	EPOST					
9	IR5880	0.225	LB A/A	0.3	lb/a	EPOST		91 a	98 a	90 a	
	IR5878	0.0625	LB A/A	2.0	oz/a	EPOST					
	Agri-Dex	1	% V/V	19.2	oz/a	EPOST					
10	IR5880	0.3	LB A/A	0.4	lb/a	EPOST		93 a	98 a	91 a	
	IR5878	0.05	LB A/A	1.6	oz/a	EPOST					
	Agri-Dex	1	% V/V	19.2	oz/a	EPOST					
11	IR5880	0.375	LB A/A	0.5	lb/a	EPOST		90 a	98 a	89 a	
	IR5878	0.0625	LB A/A	2.0	oz/a	EPOST					
	Agri-Dex	1	% V/V	19.2	oz/a	EPOST					
12	IR5880	0.28	LB A/A	0.375	lb/a	EPOST		83 bc	95 a	85 ab	
	Agri-Dex	1	% V/V	19.2	oz/a	EPOST					
13	IR5880	0.375	LB A/A	0.5	lb/a	EPOST		80 c	95 a	90 a	
	Agri-Dex	1	% V/V	19.2	oz/a	EPOST					
14	Grasp	0.036	LB A/A	2.3	oz/a	EPOST		94 a	98 a	86 ab	
	Agri-Dex	1	% V/V	19.2	oz/a	EPOST					
15	Regiment	0.02	LB A/A	0.4	oz/a	EPOST		89 ab	98 a	93 a	
	Dyne-a-Pak	0.67	% V/V	12.8	oz/a	EPOST					
16	Broadhead	0.35	LB A/A	8	oz/a	EPOST		90 a	98 a	85 ab	
	Agri-Dex	1	% V/V	19.2	oz/a	EPOST					
LSD (P=.05)							8.3	7.1	8.0	12.9	6.6
Standard Deviation							5.5	5.0	5.6	9.1	4.4
CV							7.37	6.01	6.44	11.77	5.86
Grand Mean							74.71	82.97	87.05	76.95	75.13

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Pest Code							AESIN	AESIN	AESIN	CNPPA	CNPPA
Rating Date							19/5/10	24/5/10	8/6/10	28/4/10	19/5/10
Rating Data Type							Control	Control	Control	Control	Control
Rating Unit							%	%	%	%	%
Trt-Eval Interval							23 da EPOST	28 daEPOST	43 da EPOST	28 da PRE	23 da EPOST
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	6	7	8	9	10
1	Treated Check						0 g	0 f	0 e	0 b	0 b
	Command	0.3	LB A/A	12.8	fl oz/A	PRE					
2	IR5880	0.225	LB A/A	0.3	lb/a	PRE	81 c-f	79 e	75 d	94 a	89 a
	IR5878	0.0625	LB A/A	2.0	oz/a	PRE					
3	IR5880	0.28	LB A/A	0.375	lb/a	PRE	85 b-f	89 cd	78 cd	97 a	89 a
	IR5878	0.047	LB A/A	1.5	oz/a	PRE					
4	IR5880	0.375	LB A/A	0.5	lb/a	PRE	78 ef	90 bcd	79 bcd	97 a	85 a
	IR5878	0.0625	LB A/A	2.0	oz/a	PRE					
5	IR5880	0.28	LB A/A	0.375	lb/a	PRE	76 f	86 d	79 bcd	91 a	84 a
6	IR5880	0.375	LB A/A	0.5	lb/a	PRE	79 def	96 ab	78 cd	98 a	85 a
7	IR5880	0.247	LB A/A	0.33	lb/a	EPOST	89 abc	98 a	89 ab		88 a
	IR5878	0.0413	LB A/A	1.32	oz/a	EPOST					
	Agri-Dex	1	% V/V	19.2	oz/a	EPOST					
8	IR5880	0.28	LB A/A	0.375	lb/a	EPOST	95 a	98 a	90 a		88 a
	IR5878	0.047	LB A/A	1.5	oz/a	EPOST					
	Agri-Dex	1	% V/V	19.2	oz/a	EPOST					
9	IR5880	0.225	LB A/A	0.3	lb/a	EPOST	90 abc	98 a	91 a		85 a
	IR5878	0.0625	LB A/A	2.0	oz/a	EPOST					
	Agri-Dex	1	% V/V	19.2	oz/a	EPOST					
10	IR5880	0.3	LB A/A	0.4	lb/a	EPOST	93 ab	98 a	90 a		89 a
	IR5878	0.05	LB A/A	1.6	oz/a	EPOST					
	Agri-Dex	1	% V/V	19.2	oz/a	EPOST					
11	IR5880	0.375	LB A/A	0.5	lb/a	EPOST	86 a-e	98 a	88 abc		85 a
	IR5878	0.0625	LB A/A	2.0	oz/a	EPOST					
	Agri-Dex	1	% V/V	19.2	oz/a	EPOST					
12	IR5880	0.28	LB A/A	0.375	lb/a	EPOST	88 a-d	97 ab	88 abc		88 a
	Agri-Dex	1	% V/V	19.2	oz/a	EPOST					
13	IR5880	0.375	LB A/A	0.5	lb/a	EPOST	86 a-e	94 abc	91 a		90 a
	Agri-Dex	1	% V/V	19.2	oz/a	EPOST					
14	Grasp	0.036	LB A/A	2.3	oz/a	EPOST	94 ab	98 a	90 a		90 a
	Agri-Dex	1	% V/V	19.2	oz/a	EPOST					
15	Regiment	0.02	LB A/A	0.4	oz/a	EPOST	90 abc	98 a	89 ab		86 a
	Dyne-a-Pak	0.67	% V/V	12.8	oz/a	EPOST					
16	Broadhead	0.35	LB A/A	8	oz/a	EPOST	91 ab	98 a	86 abc		91 a
	Agri-Dex	1	% V/V	19.2	oz/a	EPOST					
LSD (P=.05)							9.9	6.8	10.4	8.2	7.8
Standard Deviation							6.9	4.8	7.2	5.4	5.4
CV							8.53	5.41	9.06	6.85	6.63
Grand Mean							81.25	88.39	79.92	79.38	81.88

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Pest Code							CNPPA	CYPES	CYPES	CYPES	CYPES
Rating Date							8/6/10	24/5/10	28/4/10	19/5/10	8/6/10
Rating Data Type							Control	Control	Control	Control	Control
Rating Unit							%	%	%	%	%
Trt-Eval Interval							43 da EPOST	28 daEPOST	28 da PRE	23 da EPOST	43 da EPOST
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	11	12	13	14	15
1	Treated Check						0 c	0 f	0 b	0 f	0 e
	Command	0.3	LB A/A	12.8	fl oz/A	PRE					
2	IR5880	0.225	LB A/A	0.3	lb/a	PRE	90 ab	10 e	10 a	13 ef	10 d
	IR5878	0.0625	LB A/A	2.0	oz/a	PRE					
3	IR5880	0.28	LB A/A	0.375	lb/a	PRE	93 ab	10 e	10 a	18 e	9 d
	IR5878	0.047	LB A/A	1.5	oz/a	PRE					
4	IR5880	0.375	LB A/A	0.5	lb/a	PRE	89 ab	10 e	10 a	20 e	10 d
	IR5878	0.0625	LB A/A	2.0	oz/a	PRE					
5	IR5880	0.28	LB A/A	0.375	lb/a	PRE	94 a	10 e	10 a	14 ef	5 de
6	IR5880	0.375	LB A/A	0.5	lb/a	PRE	86 b	10 e	10 a	9 ef	6 de
7	IR5880	0.247	LB A/A	0.33	lb/a	EPOST	90 ab	68 d		48 cd	71 c
	IR5878	0.0413	LB A/A	1.32	oz/a	EPOST					
	Agri-Dex	1	% V/V	19.2	oz/a	EPOST					
8	IR5880	0.28	LB A/A	0.375	lb/a	EPOST	91 ab	85 b		68 b	81 ab
	IR5878	0.047	LB A/A	1.5	oz/a	EPOST					
	Agri-Dex	1	% V/V	19.2	oz/a	EPOST					
9	IR5880	0.225	LB A/A	0.3	lb/a	EPOST	93 ab	76 c		65 b	79 abc
	IR5878	0.0625	LB A/A	2.0	oz/a	EPOST					
	Agri-Dex	1	% V/V	19.2	oz/a	EPOST					
10	IR5880	0.3	LB A/A	0.4	lb/a	EPOST	93 ab	86 b		85 a	85 a
	IR5878	0.05	LB A/A	1.6	oz/a	EPOST					
	Agri-Dex	1	% V/V	19.2	oz/a	EPOST					
11	IR5880	0.375	LB A/A	0.5	lb/a	EPOST	93 ab	84 b		60 bc	86 a
	IR5878	0.0625	LB A/A	2.0	oz/a	EPOST					
	Agri-Dex	1	% V/V	19.2	oz/a	EPOST					
12	IR5880	0.28	LB A/A	0.375	lb/a	EPOST	89 ab	10 e		35 d	10 d
	Agri-Dex	1	% V/V	19.2	oz/a	EPOST					
13	IR5880	0.375	LB A/A	0.5	lb/a	EPOST	89 ab	10 e		38 d	10 d
	Agri-Dex	1	% V/V	19.2	oz/a	EPOST					
14	Grasp	0.036	LB A/A	2.3	oz/a	EPOST	91 ab	96 a		92 a	86 a
	Agri-Dex	1	% V/V	19.2	oz/a	EPOST					
15	Regiment	0.02	LB A/A	0.4	oz/a	EPOST	89 ab	95 a		86 a	81 ab
	Dyne-a-Pak	0.67	% V/V	12.8	oz/a	EPOST					
16	Broadhead	0.35	LB A/A	8	oz/a	EPOST	90 ab	0 f		0 f	75 bc
	Agri-Dex	1	% V/V	19.2	oz/a	EPOST					
LSD (P=.05)							6.3	5.4	0.0	14.3	8.3
Standard Deviation							4.4	3.8	0.0	10.0	5.8
CV							5.19	9.15	0.0	24.78	13.12
Grand Mean							84.84	41.25	8.33	40.52	44.06

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Pest Code							INJURY	INJURY	INJURY	INJURY	HEIGHT
Rating Date							28/4/10	19/5/10	24/5/10	8/6/10	28/4/10
Rating Data Type											Avg. Height
Rating Unit							%	%	%	%	cm
Trt-Eval Interval							28 da PRE	23 da EPOST	28 daEPOST	43 da EPOST	28 da PRE
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	16	17	18	19	22
1	Treated Check						0 a	0 a	0 a	0 a	11 a
	Command	0.3	LB A/A	12.8	fl oz/A	PRE					
2	IR5880	0.225	LB A/A	0.3	lb/a	PRE	0 a	0 a	0 a	0 a	12 a
	IR5878	0.0625	LB A/A	2.0	oz/a	PRE					
3	IR5880	0.28	LB A/A	0.375	lb/a	PRE	0 a	0 a	0 a	0 a	12 a
	IR5878	0.047	LB A/A	1.5	oz/a	PRE					
4	IR5880	0.375	LB A/A	0.5	lb/a	PRE	0 a	0 a	0 a	0 a	12 a
	IR5878	0.0625	LB A/A	2.0	oz/a	PRE					
5	IR5880	0.28	LB A/A	0.375	lb/a	PRE	0 a	0 a	0 a	0 a	11 a
6	IR5880	0.375	LB A/A	0.5	lb/a	PRE	0 a	0 a	0 a	0 a	12 a
7	IR5880	0.247	LB A/A	0.33	lb/a	EPOST		0 a	0 a	0 a	
	IR5878	0.0413	LB A/A	1.32	oz/a	EPOST					
	Agri-Dex	1	% V/V	19.2	oz/a	EPOST					
8	IR5880	0.28	LB A/A	0.375	lb/a	EPOST		0 a	0 a	0 a	
	IR5878	0.047	LB A/A	1.5	oz/a	EPOST					
	Agri-Dex	1	% V/V	19.2	oz/a	EPOST					
9	IR5880	0.225	LB A/A	0.3	lb/a	EPOST		0 a	0 a	0 a	
	IR5878	0.0625	LB A/A	2.0	oz/a	EPOST					
	Agri-Dex	1	% V/V	19.2	oz/a	EPOST					
10	IR5880	0.3	LB A/A	0.4	lb/a	EPOST		0 a	0 a	0 a	
	IR5878	0.05	LB A/A	1.6	oz/a	EPOST					
	Agri-Dex	1	% V/V	19.2	oz/a	EPOST					
11	IR5880	0.375	LB A/A	0.5	lb/a	EPOST		0 a	0 a	0 a	
	IR5878	0.0625	LB A/A	2.0	oz/a	EPOST					
	Agri-Dex	1	% V/V	19.2	oz/a	EPOST					
12	IR5880	0.28	LB A/A	0.375	lb/a	EPOST		0 a	0 a	0 a	
	Agri-Dex	1	% V/V	19.2	oz/a	EPOST					
13	IR5880	0.375	LB A/A	0.5	lb/a	EPOST		0 a	0 a	0 a	
	Agri-Dex	1	% V/V	19.2	oz/a	EPOST					
14	Grasp	0.036	LB A/A	2.3	oz/a	EPOST		0 a	0 a	0 a	
	Agri-Dex	1	% V/V	19.2	oz/a	EPOST					
15	Regiment	0.02	LB A/A	0.4	oz/a	EPOST		0 a	0 a	0 a	
	Dyne-a-Pak	0.67	% V/V	12.8	oz/a	EPOST					
16	Broadhead	0.35	LB A/A	8	oz/a	EPOST		0 a	0 a	0 a	
	Agri-Dex	1	% V/V	19.2	oz/a	EPOST					
LSD (P=.05)							0.0	0.0	0.0	0.0	1.6
Standard Deviation							0.0	0.0	0.0	0.0	1.1
CV							0.0	0.0	0.0	0.0	9.31
Grand Mean							0.0	0.0	0.0	0.0	11.54

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Strada Combinations Applied EPOST and LPOST with Newpath and Beyond

Experiment number	**C10-39**
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
Planting date	4/6/10
Harvest date	N/A
Crop/Variety	CL131
Emergence date	4/26/10
Uniform std. treatment	N/A

Application type	VEPOST	LPOST	2WKPOFL
Date applied [mm/dd/yy]	04/26/10	05/17/10	06/09/10
Time [hh:mm-hh:mm]	1:50-2:00P	10:10-10:30A	10:20-10:30A
Incorporation equip./Depth:	N/A	N/A	N/A
Air/Soil temperature [F]	83/73	80/78	87/80
Relative humidity [%]	53	68	89
Wind [mph, direction]	4-7,W	1-3,SE	1-3,E
Weather [sunny, etc]	sunny	sunny	pt cloudy
Soil/Leaf surface moist	dry/dry	wet/dry	flood/dry
Crop stage/Height	1lf/½-1"-	4-5lf/3-6"	4-5till,15-18"
Sprayer type/MPH	CO_2BkPk/3	CO_2BkPk/3	CO_2BkPk/3
Nozzle type/Size*	AMFF/110015	AMFF/110015	AMFF/110015
Boom ht/# Noz/Spacing	15/5/15	15/5/15	15/5/15
GPA/PSI	15/25	15/25	15/25
Applied by	JBH	EPW	TPC

Weed Species (population)	---------- (height/#leaves) ----------		
AESIN(5-10m^{-2})	½-1"/1-2lf	2-5"/3-6lf	
BRAPP(100-200m^{-2})	¼-1"/1-3lf		
CNPPA(10-15m^{-2})……..	1-2"/cot-2lf	½-1"/2-4lf	
COMDI(5-15m^{-2})	½-1"/1-2lf		
CYPES(10-30m^{-2})	3-6"/3-5lf	5-10"/5-7lf	
ECHCG(80-100m^{-2})	¼-1"/1-3lf		
ORYSA(75-100m^{-2})	2-4"/2-3lf	3-5"/4-15lf	18-24"/4-5till
SEBEX (1-5 m^{-2})		5-10"/5-7lf	15-18"/12-16lf

Flush Dates	4/15, 4/29, 5/7, 5/13
Permanent Flood	5/27

*AMFF – Air mix flat fan nozzles

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Strada Combinations Applied EPOST and LPOST with Newpath and Beyond

Trial ID: C10-39 Protocol ID: C10-39
Location: RRS-Crowley, LA Study Director:
Investigator: Eric P. Webster

Pest Code							ORYSA	ORYSA	ORYSA	ORYSA	BRAPP
Rating Date							19/5/10	7/6/10	21/6/10	8/7/10	19/5/10
Rating Data Type							Control	Control	Control	Control	Control
Rating Unit							%	%	%	%	%
Trt-Eval Interval							2 DA LPOST	21 DA LPOST	12 DA POFL	28 DA POFL	2 DA LPOST
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	1	2	3	4	5
1	Newpath	0.0625	LB A/A	4	FL OZ/A	VEPOST	84 ab	98 a	91 c	91 ab	84 abc
	Agri-Dex	1	% V/V	1	% V/V	VEPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	1	% V/V	LPOST					
2	Newpath	0.0625	LB A/A	4	FL OZ/A	VEPOST	85 a	98 a	94 abc	85 b	88 a
	IR 5880	0.225	LB A/A	0.3	LB/A	VEPOST					
	IR 5878	0.0625	LB A/A	2	OZ WT/A	VEPOST					
	Agri-Dex	1	% V/V	1	% V/V	VEPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	1	% V/V	LPOST					
3	Newpath	0.0625	LB A/A	4	FL OZ/A	VEPOST	84 ab	98 a	96 abc	91 ab	80 bcd
	IR 5880	0.28	LB A/A	0.375	LB/A	VEPOST					
	IR 5878	0.047	LB A/A	1.5	OZ WT/A	VEPOST					
	Agri-Dex	1	% V/V	1	% V/V	VEPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	1	% V/V	LPOST					
4	Newpath	0.0625	LB A/A	4	FL OZ/A	VEPOST	79 b	98 a	91 c	76 c	78 d
	Agri-Dex	1	% V/V	1	% V/V	VEPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	IR 5880	0.225	LB A/A	0.3	LB/A	LPOST					
	IR 5878	0.0625	LB A/A	2	OZ WT/A	LPOST					
	Agri-Dex	1	% V/V	1	% V/V	LPOST					
5	Newpath	0.0625	LB A/A	4	FL OZ/A	VEPOST	84 ab	96 b	92 bc	75 c	81 bcd
	Agri-Dex	1	% V/V	1	% V/V	VEPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	IR 5880	0.28	LB A/A	0.375	LB/A	LPOST					
	IR 5878	0.047	LB A/A	1.5	OZ WT/A	LPOST					
	Agri-Dex	1	% V/V	1	% V/V	LPOST					
6	Newpath	0.0625	LB A/A	4	FL OZ/A	VEPOST	86 a	98 a	94 abc	85 b	85 ab
	IR 5880	0.187	LB A/A	0.25	LB/A	VEPOST					
	IR 5878	0.0313	LB A/A	1	OZ WT/A	VEPOST					
	Agri-Dex	1	% V/V	1	% V/V	VEPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	IR 5880	0.187	LB A/A	0.25	LB/A	LPOST					
	IR 5878	0.0313	LB A/A	1	OZ WT/A	LPOST					
	Agri-Dex	1	% V/V	1	% V/V	LPOST					
7	Newpath	0.0625	LB A/A	4	FL OZ/A	VEPOST	81 ab	98 a	98 a	97 a	79 cd
	Agri-Dex	1	% V/V	1	% V/V	VEPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	1	% V/V	LPOST					
	Beyond	0.039	LB A/A	5	FL OZ/A	2 wk POFL					
	Agri-Dex	1	% V/V	1	% V/V	2 wk POFL					
8	Newpath	0.0625	LB A/A	4	FL OZ/A	VEPOST	79 b	97 ab	97 ab	95 a	78 d
	Agri-Dex	1	% V/V	1	% V/V	VEPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	1	% V/V	LPOST					
	Beyond	0.039	LB A/A	5	FL OZ/A	2 wk POFL					
	IR 5880	0.187	LB A/A	0.25	LB/A	2 wk POFL					
	IR 5878	0.0313	LB A/A	1	OZ WT/A	2 wk POFL					
	Agri-Dex	1	% V/V	1	% V/V	2 wk POFL					

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Pest Code							ORYSA	ORYSA	ORYSA	ORYSA	BRAPP
Rating Date							19/5/10	7/6/10	21/6/10	8/7/10	19/5/10
Rating Data Type							Control	Control	Control	Control	Control
Rating Unit							%	%	%	%	%
Trt-Eval Interval							2 DA LPOST	21 DA LPOST	12 DA POFL	28 DA POFL	2 DA LPOST
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	1	2	3	4	5
9	Newpath	0.0625	LB A/A	4	FL OZ/A	VEPOST	79 b	97 ab	97 ab	95 a	76 d
	Agri-Dex	1	% V/V	1	% V/V	VEPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	1	% V/V	LPOST					
	Beyond	0.039	LB A/A	5	FL OZ/A	2 wk POFL					
	IR 5880	0.225	LB A/A	0.3	LB/A	2 wk POFL					
	IR 5878	0.0625	LB A/A	2	OZ WT/A	2 wk POFL					
	Agri-Dex	1	% V/V	1	% V/V	2 wk POFL					
10	Newpath	0.0625	LB A/A	4	FL OZ/A	VEPOST	81 ab	98 a	97 ab	95 a	81 bcd
	Agri-Dex	1	% V/V	1	% V/V	VEPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	1	% V/V	LPOST					
	Beyond	0.039	LB A/A	5	FL OZ/A	2 wk POFL					
	IR 5880	0.28	LB A/A	0.375	LB/A	2 wk POFL					
	IR 5878	0.047	LB A/A	1.5	OZ WT/A	2 wk POFL					
	Agri-Dex	1	% V/V	1	% V/V	2 wk POFL					
11	Newpath	0.0625	LB A/A	4	FL OZ/A	VEPOST	81 ab	97 ab	97 ab	94 a	78 d
	Agri-Dex	1	% V/V	1	% V/V	VEPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	IR 5880	0.187	LB A/A	0.25	LB/A	LPOST					
	IR 5878	0.0313	LB A/A	1	OZ WT/A	LPOST					
	Agri-Dex	1	% V/V	1	% V/V	LPOST					
	Beyond	0.039	LB A/A	5	FL OZ/A	2 wk POFL					
	IR 5880	0.187	LB A/A	0.25	LB/A	2 wk POFL					
	IR 5878	0.0313	LB A/A	1	OZ WT/A	2 wk POFL					
	Agri-Dex	1	% V/V	1	% V/V	2 wk POFL					
12	Nontreated						0 c	0 c	0 d	0 d	0 e
LSD (P=.05)							5.8	1.9	5.5	7.1	6.2
Standard Deviation							4.0	1.3	3.8	4.9	4.3
CV							5.36	1.47	4.39	6.06	5.82
Grand Mean							75.21	89.48	86.73	81.6	73.85

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Pest Code							BRAPP	BRAPP	BRAPP	ECHCG	ECHCG
Rating Date							7/6/10	21/6/10	8/7/10	19/5/10	7/6/10
Rating Data Type							Control	Control	Control	Control	Control
Rating Unit							%	%	%	%	%
Trt-Eval Interval							21 DA LPOST	12 DA POFL	28 DA POFL	2 DA LPOST	21 DA LPOST
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	6	7	8	9	10
1	Newpath	0.0625	LB A/A	4	FL OZ/A	VEPOST	98 a	91 b	98 ab	85 ab	98 a
	Agri-Dex	1	% V/V	1	% V/V	VEPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	1	% V/V	LPOST					
2	Newpath	0.0625	LB A/A	4	FL OZ/A	VEPOST	98 a	96 a	98 a	86 a	98 a
	IR 5880	0.225	LB A/A	0.3	LB/A	VEPOST					
	IR 5878	0.0625	LB A/A	2	OZ WT/A	VEPOST					
	Agri-Dex	1	% V/V	1	% V/V	VEPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	1	% V/V	LPOST					
3	Newpath	0.0625	LB A/A	4	FL OZ/A	VEPOST	98 a	97 a	98 ab	80 abc	98 a
	IR 5880	0.28	LB A/A	0.375	LB/A	VEPOST					
	IR 5878	0.047	LB A/A	1.5	OZ WT/A	VEPOST					
	Agri-Dex	1	% V/V	1	% V/V	VEPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	1	% V/V	LPOST					
4	Newpath	0.0625	LB A/A	4	FL OZ/A	VEPOST	98 a	94 ab	98 b	78 c	98 a
	Agri-Dex	1	% V/V	1	% V/V	VEPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	IR 5880	0.225	LB A/A	0.3	LB/A	LPOST					
	IR 5878	0.0625	LB A/A	2	OZ WT/A	LPOST					
	Agri-Dex	1	% V/V	1	% V/V	LPOST					
5	Newpath	0.0625	LB A/A	4	FL OZ/A	VEPOST	96 a	95 ab	98 ab	83 abc	96 ab
	Agri-Dex	1	% V/V	1	% V/V	VEPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	IR 5880	0.28	LB A/A	0.375	LB/A	LPOST					
	IR 5878	0.047	LB A/A	1.5	OZ WT/A	LPOST					
	Agri-Dex	1	% V/V	1	% V/V	LPOST					
6	Newpath	0.0625	LB A/A	4	FL OZ/A	VEPOST	98 a	97 a	98 ab	84 abc	98 a
	IR 5880	0.187	LB A/A	0.25	LB/A	VEPOST					
	IR 5878	0.0313	LB A/A	1	OZ WT/A	VEPOST					
	Agri-Dex	1	% V/V	1	% V/V	VEPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	IR 5880	0.187	LB A/A	0.25	LB/A	LPOST					
	IR 5878	0.0313	LB A/A	1	OZ WT/A	LPOST					
	Agri-Dex	1	% V/V	1	% V/V	LPOST					
7	Newpath	0.0625	LB A/A	4	FL OZ/A	VEPOST	97 a	97 a	98 ab	81 abc	94 b
	Agri-Dex	1	% V/V	1	% V/V	VEPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	1	% V/V	LPOST					
	Beyond	0.039	LB A/A	5	FL OZ/A	2 wk POFL					
	Agri-Dex	1	% V/V	1	% V/V	2 wk POFL					
8	Newpath	0.0625	LB A/A	4	FL OZ/A	VEPOST	97 a	98 a	98 b	79 bc	98 a
	Agri-Dex	1	% V/V	1	% V/V	VEPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	1	% V/V	LPOST					
	Beyond	0.039	LB A/A	5	FL OZ/A	2 wk POFL					
	IR 5880	0.187	LB A/A	0.25	LB/A	2 wk POFL					
	IR 5878	0.0313	LB A/A	1	OZ WT/A	2 wk POFL					
	Agri-Dex	1	% V/V	1	% V/V	2 wk POFL					
9	Newpath	0.0625	LB A/A	4	FL OZ/A	VEPOST	97 a	98 a	98 ab	78 c	96 ab
	Agri-Dex	1	% V/V	1	% V/V	VEPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	1	% V/V	LPOST					
	Beyond	0.039	LB A/A	5	FL OZ/A	2 wk POFL					
	IR 5880	0.225	LB A/A	0.3	LB/A	2 wk POFL					
	IR 5878	0.0625	LB A/A	2	OZ WT/A	2 wk POFL					
	Agri-Dex	1	% V/V	1	% V/V	2 wk POFL					

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Pest Code							BRAPP	BRAPP	BRAPP	ECHCG	ECHCG
Rating Date							7/6/10	21/6/10	8/7/10	19/5/10	7/6/10
Rating Data Type							Control	Control	Control	Control	Control
Rating Unit							%	%	%	%	%
Trt-Eval Interval							21 DA LPOST	12 DA POFL	28 DA POFL	2 DA LPOST	21 DA LPOST
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	6	7	8	9	10
10	Newpath	0.0625	LB A/A	4	FL OZ/A	VEPOST	97 a	98 a	98 a	79 bc	98 a
	Agri-Dex	1	% V/V	1	% V/V	VEPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	1	% V/V	LPOST					
	Beyond	0.039	LB A/A	5	FL OZ/A	2 wk POFL					
	IR 5880	0.28	LB A/A	0.375	LB/A	2 wk POFL					
	IR 5878	0.047	LB A/A	1.5	OZ WT/A	2 wk POFL					
	Agri-Dex	1	% V/V	1	% V/V	2 wk POFL					
11	Newpath	0.0625	LB A/A	4	FL OZ/A	VEPOST	97 a	98 a	98 ab	84 abc	97 a
	Agri-Dex	1	% V/V	1	% V/V	VEPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	IR 5880	0.187	LB A/A	0.25	LB/A	LPOST					
	IR 5878	0.0313	LB A/A	1	OZ WT/A	LPOST					
	Agri-Dex	1	% V/V	1	% V/V	LPOST					
	Beyond	0.039	LB A/A	5	FL OZ/A	2 wk POFL					
	IR 5880	0.187	LB A/A	0.25	LB/A	2 wk POFL					
	IR 5878	0.0313	LB A/A	1	OZ WT/A	2 wk POFL					
	Agri-Dex	1	% V/V	1	% V/V	2 wk POFL					
12	Nontreated						0 b	0 c	0 c	0 d	0 c
LSD (P=.05)							2.1	4.2	0.4	7.2	3.1
Standard Deviation							1.5	2.9	0.3	5.0	2.2
CV							1.66	3.31	0.33	6.65	2.44
Grand Mean							89.35	88.19	89.83	74.58	89.08

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

LSU AgCenter
School of Plant, Environmental and Soil Sciences

Pest Code							ECHCG	ECHCG	SEBEX	SEBEX	SEBEX
Rating Date							21/6/10	8/7/10	19/5/10	7/6/10	21/6/10
Rating Data Type							Control	Control	Control	Control	Control
Rating Unit							%	%	%	%	%
Trt-Eval Interval							12 DA POFL	28 DA POFL	2 DA LPOST	21 DA LPOST	12 DA POFL
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	11	12	13	14	15
1	Newpath	0.0625	LB A/A	4	FL OZ/A	VEPOST	98 a	90 b	13 b	13 b	13 b
	Agri-Dex	1	% V/V	1	% V/V	VEPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	1	% V/V	LPOST					
2	Newpath	0.0625	LB A/A	4	FL OZ/A	VEPOST	97 a	95 a	97 a	98 a	98 a
	IR 5880	0.225	LB A/A	0.3	LB/A	VEPOST					
	IR 5878	0.0625	LB A/A	2	OZ WT/A	VEPOST					
	Agri-Dex	1	% V/V	1	% V/V	VEPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	1	% V/V	LPOST					
3	Newpath	0.0625	LB A/A	4	FL OZ/A	VEPOST	98 a	95 a	97 a	98 a	97 a
	IR 5880	0.28	LB A/A	0.375	LB/A	VEPOST					
	IR 5878	0.047	LB A/A	1.5	OZ WT/A	VEPOST					
	Agri-Dex	1	% V/V	1	% V/V	VEPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	1	% V/V	LPOST					
4	Newpath	0.0625	LB A/A	4	FL OZ/A	VEPOST	95 b	90 b	15 b	98 a	98 a
	Agri-Dex	1	% V/V	1	% V/V	VEPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	IR 5880	0.225	LB A/A	0.3	LB/A	LPOST					
	IR 5878	0.0625	LB A/A	2	OZ WT/A	LPOST					
	Agri-Dex	1	% V/V	1	% V/V	LPOST					
5	Newpath	0.0625	LB A/A	4	FL OZ/A	VEPOST	98 a	91 b	15 b	98 a	98 a
	Agri-Dex	1	% V/V	1	% V/V	VEPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	IR 5880	0.28	LB A/A	0.375	LB/A	LPOST					
	IR 5878	0.047	LB A/A	1.5	OZ WT/A	LPOST					
	Agri-Dex	1	% V/V	1	% V/V	LPOST					
6	Newpath	0.0625	LB A/A	4	FL OZ/A	VEPOST	98 a	95 a	97 a	98 a	98 a
	IR 5880	0.187	LB A/A	0.25	LB/A	VEPOST					
	IR 5878	0.0313	LB A/A	1	OZ WT/A	VEPOST					
	Agri-Dex	1	% V/V	1	% V/V	VEPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	IR 5880	0.187	LB A/A	0.25	LB/A	LPOST					
	IR 5878	0.0313	LB A/A	1	OZ WT/A	LPOST					
	Agri-Dex	1	% V/V	1	% V/V	LPOST					
7	Newpath	0.0625	LB A/A	4	FL OZ/A	VEPOST	98 a	97 a	18 b	13 b	15 b
	Agri-Dex	1	% V/V	1	% V/V	VEPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	1	% V/V	LPOST					
	Beyond	0.039	LB A/A	5	FL OZ/A	2 wk POFL					
	Agri-Dex	1	% V/V	1	% V/V	2 wk POFL					
8	Newpath	0.0625	LB A/A	4	FL OZ/A	VEPOST	98 a	96 a	13 b	15 b	98 a
	Agri-Dex	1	% V/V	1	% V/V	VEPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	1	% V/V	LPOST					
	Beyond	0.039	LB A/A	5	FL OZ/A	2 wk POFL					
	IR 5880	0.187	LB A/A	0.25	LB/A	2 wk POFL					
	IR 5878	0.0313	LB A/A	1	OZ WT/A	2 wk POFL					
	Agri-Dex	1	% V/V	1	% V/V	2 wk POFL					
9	Newpath	0.0625	LB A/A	4	FL OZ/A	VEPOST	98 a	97 a	15 b	18 b	98 a
	Agri-Dex	1	% V/V	1	% V/V	VEPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	1	% V/V	LPOST					
	Beyond	0.039	LB A/A	5	FL OZ/A	2 wk POFL					
	IR 5880	0.225	LB A/A	0.3	LB/A	2 wk POFL					
	IR 5878	0.0625	LB A/A	2	OZ WT/A	2 wk POFL					
	Agri-Dex	1	% V/V	1	% V/V	2 wk POFL					

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Pest Code							ECHCG	ECHCG	SEBEX	SEBEX	SEBEX
Rating Date							21/6/10	8/7/10	19/5/10	7/6/10	21/6/10
Rating Data Type							Control	Control	Control	Control	Control
Rating Unit							%	%	%	%	%
Trt-Eval Interval							12 DA POFL	28 DA POFL	2 DA LPOST	21 DA LPOST	12 DA POFL
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	11	12	13	14	15
10	Newpath	0.0625	LB A/A	4	FL OZ/A	VEPOST	98 a	97 a	18 b	15 b	97 a
	Agri-Dex	1	% V/V	1	% V/V	VEPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	1	% V/V	LPOST					
	Beyond	0.039	LB A/A	5	FL OZ/A	2 wk POFL					
	IR 5880	0.28	LB A/A	0.375	LB/A	2 wk POFL					
	IR 5878	0.047	LB A/A	1.5	OZ WT/A	2 wk POFL					
	Agri-Dex	1	% V/V	1	% V/V	2 wk POFL					
11	Newpath	0.0625	LB A/A	4	FL OZ/A	VEPOST	98 a	97 a	20 b	98 a	98 a
	Agri-Dex	1	% V/V	1	% V/V	VEPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	IR 5880	0.187	LB A/A	0.25	LB/A	LPOST					
	IR 5878	0.0313	LB A/A	1	OZ WT/A	LPOST					
	Agri-Dex	1	% V/V	1	% V/V	LPOST					
	Beyond	0.039	LB A/A	5	FL OZ/A	2 wk POFL					
	IR 5880	0.187	LB A/A	0.25	LB/A	2 wk POFL					
	IR 5878	0.0313	LB A/A	1	OZ WT/A	2 wk POFL					
	Agri-Dex	1	% V/V	1	% V/V	2 wk POFL					
12	Nontreated						0 c	0 c	0 c	0 c	0 c
LSD (P=.05)							1.5	3.0	9.4	6.7	3.4
Standard Deviation							1.1	2.1	6.5	4.7	2.4
CV							1.18	2.43	18.73	8.48	3.11
Grand Mean							89.48	86.44	34.73	55.04	75.67

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Pest Code							SEBEX	AESIN	AESIN	AESIN	AESIN
Rating Date							8/7/10	19/5/10	7/6/10	21/6/10	8/7/10
Rating Data Type							Control	Control	Control	Control	Control
Rating Unit							%	%	%	%	%
Trt-Eval Interval							28 DA POFL	2 DA LPOST	21 DA LPOST	12 DA POFL	28 DA POFL
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	16	17	18	19	20
1	Newpath	0.0625	LB A/A	4	FL OZ/A	VEPOST	10 b	13 b	13 b	13 b	10 b
	Agri-Dex	1	% V/V	1	% V/V	VEPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	1	% V/V	LPOST					
2	Newpath	0.0625	LB A/A	4	FL OZ/A	VEPOST	95 a	97 a	98 a	96 a	94 a
	IR 5880	0.225	LB A/A	0.3	LB/A	VEPOST					
	IR 5878	0.0625	LB A/A	2	OZ WT/A	VEPOST					
	Agri-Dex	1	% V/V	1	% V/V	VEPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	1	% V/V	LPOST					
3	Newpath	0.0625	LB A/A	4	FL OZ/A	VEPOST	94 a	96 a	98 a	98 a	95 a
	IR 5880	0.28	LB A/A	0.375	LB/A	VEPOST					
	IR 5878	0.047	LB A/A	1.5	OZ WT/A	VEPOST					
	Agri-Dex	1	% V/V	1	% V/V	VEPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	1	% V/V	LPOST					
4	Newpath	0.0625	LB A/A	4	FL OZ/A	VEPOST	95 a	15 b	98 a	98 a	95 a
	Agri-Dex	1	% V/V	1	% V/V	VEPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	IR 5880	0.225	LB A/A	0.3	LB/A	LPOST					
	IR 5878	0.0625	LB A/A	2	OZ WT/A	LPOST					
	Agri-Dex	1	% V/V	1	% V/V	LPOST					
5	Newpath	0.0625	LB A/A	4	FL OZ/A	VEPOST	95 a	15 b	98 a	98 a	95 a
	Agri-Dex	1	% V/V	1	% V/V	VEPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	IR 5880	0.28	LB A/A	0.375	LB/A	LPOST					
	IR 5878	0.047	LB A/A	1.5	OZ WT/A	LPOST					
	Agri-Dex	1	% V/V	1	% V/V	LPOST					
6	Newpath	0.0625	LB A/A	4	FL OZ/A	VEPOST	95 a	97 a	98 a	98 a	95 a
	IR 5880	0.187	LB A/A	0.25	LB/A	VEPOST					
	IR 5878	0.0313	LB A/A	1	OZ WT/A	VEPOST					
	Agri-Dex	1	% V/V	1	% V/V	VEPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	IR 5880	0.187	LB A/A	0.25	LB/A	LPOST					
	IR 5878	0.0313	LB A/A	1	OZ WT/A	LPOST					
	Agri-Dex	1	% V/V	1	% V/V	LPOST					
7	Newpath	0.0625	LB A/A	4	FL OZ/A	VEPOST	9 b	18 b	13 b	15 b	9 b
	Agri-Dex	1	% V/V	1	% V/V	VEPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	1	% V/V	LPOST					
	Beyond	0.039	LB A/A	5	FL OZ/A	2 wk POFL					
	Agri-Dex	1	% V/V	1	% V/V	2 wk POFL					
8	Newpath	0.0625	LB A/A	4	FL OZ/A	VEPOST	95 a	13 b	15 b	98 a	95 a
	Agri-Dex	1	% V/V	1	% V/V	VEPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	1	% V/V	LPOST					
	Beyond	0.039	LB A/A	5	FL OZ/A	2 wk POFL					
	IR 5880	0.187	LB A/A	0.25	LB/A	2 wk POFL					
	IR 5878	0.0313	LB A/A	1	OZ WT/A	2 wk POFL					
	Agri-Dex	1	% V/V	1	% V/V	2 wk POFL					
9	Newpath	0.0625	LB A/A	4	FL OZ/A	VEPOST	95 a	15 b	18 b	98 a	95 a
	Agri-Dex	1	% V/V	1	% V/V	VEPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	1	% V/V	LPOST					
	Beyond	0.039	LB A/A	5	FL OZ/A	2 wk POFL					
	IR 5880	0.225	LB A/A	0.3	LB/A	2 wk POFL					
	IR 5878	0.0625	LB A/A	2	OZ WT/A	2 wk POFL					
	Agri-Dex	1	% V/V	1	% V/V	2 wk POFL					

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Pest Code							SEBEX	AESIN	AESIN	AESIN	AESIN
Rating Date							8/7/10	19/5/10	7/6/10	21/6/10	8/7/10
Rating Data Type							Control	Control	Control	Control	Control
Rating Unit							%	%	%	%	%
Trt-Eval Interval							28 DA POFL	2 DA LPOST	21 DA LPOST	12 DA POFL	28 DA POFL
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	16	17	18	19	20
10	Newpath	0.0625	LB A/A	4	FL OZ/A	VEPOST	95 a	18 b	15 b	97 a	95 a
	Agri-Dex	1	% V/V	1	% V/V	VEPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	1	% V/V	LPOST					
	Beyond	0.039	LB A/A	5	FL OZ/A	2 wk POFL					
	IR 5880	0.28	LB A/A	0.375	LB/A	2 wk POFL					
	IR 5878	0.047	LB A/A	1.5	OZ WT/A	2 wk POFL					
	Agri-Dex	1	% V/V	1	% V/V	2 wk POFL					
11	Newpath	0.0625	LB A/A	4	FL OZ/A	VEPOST	95 a	20 b	98 a	98 a	95 a
	Agri-Dex	1	% V/V	1	% V/V	VEPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	IR 5880	0.187	LB A/A	0.25	LB/A	LPOST					
	IR 5878	0.0313	LB A/A	1	OZ WT/A	LPOST					
	Agri-Dex	1	% V/V	1	% V/V	LPOST					
	Beyond	0.039	LB A/A	5	FL OZ/A	2 wk POFL					
	IR 5880	0.187	LB A/A	0.25	LB/A	2 wk POFL					
	IR 5878	0.0313	LB A/A	1	OZ WT/A	2 wk POFL					
	Agri-Dex	1	% V/V	1	% V/V	2 wk POFL					
12	Nontreated						0 c	0 c	0 c	0 c	0 c
LSD (P=.05)							1.5	9.6	6.7	3.8	1.5
Standard Deviation							1.0	6.6	4.7	2.6	1.0
CV							1.42	19.11	8.48	3.45	1.42
Grand Mean							72.71	34.63	55.04	75.56	72.71

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

LSU AgCenter
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Pest Code							CYPES	CNPPA	CNPPA	CNPPA	CNPPA
Rating Date							19/5/10	19/5/10	7/6/10	21/6/10	8/7/10
Rating Data Type							Control	Control	Control	Control	Control
Rating Unit							%	%	%	%	%
Trt-Eval Interval							2 DA LPOST	2 DA LPOST	21 DA LPOST	12 DA POFL	28 DA POFL
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	21	22	23	24	25
1	Newpath	0.0625	LB A/A	4	FL OZ/A	VEPOST	89 ab	79 abc	95 b	98 a	90 c
	Agri-Dex	1	% V/V	1	% V/V	VEPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	1	% V/V	LPOST					
2	Newpath	0.0625	LB A/A	4	FL OZ/A	VEPOST	90 a	84 a	98 a	97 b	94 b
	IR 5880	0.225	LB A/A	0.3	LB/A	VEPOST					
	IR 5878	0.0625	LB A/A	2	OZ WT/A	VEPOST					
	Agri-Dex	1	% V/V	1	% V/V	VEPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	1	% V/V	LPOST					
3	Newpath	0.0625	LB A/A	4	FL OZ/A	VEPOST	90 a	84 a	98 a	98 a	95 a
	IR 5880	0.28	LB A/A	0.375	LB/A	VEPOST					
	IR 5878	0.047	LB A/A	1.5	OZ WT/A	VEPOST					
	Agri-Dex	1	% V/V	1	% V/V	VEPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	1	% V/V	LPOST					
4	Newpath	0.0625	LB A/A	4	FL OZ/A	VEPOST	88 ab	81 ab	98 a	98 a	95 a
	Agri-Dex	1	% V/V	1	% V/V	VEPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	IR 5880	0.225	LB A/A	0.3	LB/A	LPOST					
	IR 5878	0.0625	LB A/A	2	OZ WT/A	LPOST					
	Agri-Dex	1	% V/V	1	% V/V	LPOST					
5	Newpath	0.0625	LB A/A	4	FL OZ/A	VEPOST	81 abc	80 abc	97 ab	98 a	95 a
	Agri-Dex	1	% V/V	1	% V/V	VEPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	IR 5880	0.28	LB A/A	0.375	LB/A	LPOST					
	IR 5878	0.047	LB A/A	1.5	OZ WT/A	LPOST					
	Agri-Dex	1	% V/V	1	% V/V	LPOST					
6	Newpath	0.0625	LB A/A	4	FL OZ/A	VEPOST	94 a	80 abc	98 a	98 a	95 a
	IR 5880	0.187	LB A/A	0.25	LB/A	VEPOST					
	IR 5878	0.0313	LB A/A	1	OZ WT/A	VEPOST					
	Agri-Dex	1	% V/V	1	% V/V	VEPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	IR 5880	0.187	LB A/A	0.25	LB/A	LPOST					
	IR 5878	0.0313	LB A/A	1	OZ WT/A	LPOST					
	Agri-Dex	1	% V/V	1	% V/V	LPOST					
7	Newpath	0.0625	LB A/A	4	FL OZ/A	VEPOST	81 abc	70 c	98 a	98 a	95 a
	Agri-Dex	1	% V/V	1	% V/V	VEPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	1	% V/V	LPOST					
	Beyond	0.039	LB A/A	5	FL OZ/A	2 wk POFL					
	Agri-Dex	1	% V/V	1	% V/V	2 wk POFL					
8	Newpath	0.0625	LB A/A	4	FL OZ/A	VEPOST	74 c	70 c	98 a	98 a	95 a
	Agri-Dex	1	% V/V	1	% V/V	VEPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	1	% V/V	LPOST					
	Beyond	0.039	LB A/A	5	FL OZ/A	2 wk POFL					
	IR 5880	0.187	LB A/A	0.25	LB/A	2 wk POFL					
	IR 5878	0.0313	LB A/A	1	OZ WT/A	2 wk POFL					
	Agri-Dex	1	% V/V	1	% V/V	2 wk POFL					
9	Newpath	0.0625	LB A/A	4	FL OZ/A	VEPOST	76 bc	75 abc	97 ab	98 a	95 a
	Agri-Dex	1	% V/V	1	% V/V	VEPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	1	% V/V	LPOST					
	Beyond	0.039	LB A/A	5	FL OZ/A	2 wk POFL					
	IR 5880	0.225	LB A/A	0.3	LB/A	2 wk POFL					
	IR 5878	0.0625	LB A/A	2	OZ WT/A	2 wk POFL					
	Agri-Dex	1	% V/V	1	% V/V	2 wk POFL					

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Pest Code							CYPES	CNPPA	CNPPA	CNPPA	CNPPA
Rating Date							19/5/10	19/5/10	7/6/10	21/6/10	8/7/10
Rating Data Type							Control	Control	Control	Control	Control
Rating Unit							%	%	%	%	%
Trt-Eval Interval							2 DA LPOST	2 DA LPOST	21 DA LPOST	12 DA POFL	28 DA POFL
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	21	22	23	24	25
10	Newpath	0.0625	LB A/A	4	FL OZ/A	VEPOST	89 ab	73 bc	96 ab	98 a	95 a
	Agri-Dex	1	% V/V	1	% V/V	VEPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	1	% V/V	LPOST					
	Beyond	0.039	LB A/A	5	FL OZ/A	2 wk POFL					
	IR 5880	0.28	LB A/A	0.375	LB/A	2 wk POFL					
	IR 5878	0.047	LB A/A	1.5	OZ WT/A	2 wk POFL					
	Agri-Dex	1	% V/V	1	% V/V	2 wk POFL					
11	Newpath	0.0625	LB A/A	4	FL OZ/A	VEPOST	92 a	79 abc	98 a	98 a	95 a
	Agri-Dex	1	% V/V	1	% V/V	VEPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	IR 5880	0.187	LB A/A	0.25	LB/A	LPOST					
	IR 5878	0.0313	LB A/A	1	OZ WT/A	LPOST					
	Agri-Dex	1	% V/V	1	% V/V	LPOST					
	Beyond	0.039	LB A/A	5	FL OZ/A	2 wk POFL					
	IR 5880	0.187	LB A/A	0.25	LB/A	2 wk POFL					
	IR 5878	0.0313	LB A/A	1	OZ WT/A	2 wk POFL					
	Agri-Dex	1	% V/V	1	% V/V	2 wk POFL					
12	Nontreated						0 d	0 d	0 c	0 c	0 d
LSD (P=.05)							13.6	10.7	2.4	0.6	1.0
Standard Deviation							9.4	7.4	1.7	0.4	0.7
CV							11.96	10.39	1.9	0.48	0.83
Grand Mean							78.65	71.15	89.31	89.77	86.56

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Pest Code							INJURY	INJURY	INJURY	INJURY
Rating Date							19/5/10	7/6/10	21/6/10	8/7/10
Rating Data Type										
Rating Unit							%	%	%	%
Trt-Eval Interval							2 DA LPOST	21 DA LPOST	12 DA POFL	28 DA POFL
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	26	27	28	29
1	Newpath	0.0625	LB A/A	4	FL OZ/A	VEPOST	0 a	0 a	0 a	0 a
	Agri-Dex	1	% V/V	1	% V/V	VEPOST				
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST				
	Agri-Dex	1	% V/V	1	% V/V	LPOST				
2	Newpath	0.0625	LB A/A	4	FL OZ/A	VEPOST	0 a	0 a	0 a	0 a
	IR 5880	0.225	LB A/A	0.3	LB/A	VEPOST				
	IR 5878	0.0625	LB A/A	2	OZ WT/A	VEPOST				
	Agri-Dex	1	% V/V	1	% V/V	VEPOST				
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST				
	Agri-Dex	1	% V/V	1	% V/V	LPOST				
3	Newpath	0.0625	LB A/A	4	FL OZ/A	VEPOST	0 a	0 a	0 a	0 a
	IR 5880	0.28	LB A/A	0.375	LB/A	VEPOST				
	IR 5878	0.047	LB A/A	1.5	OZ WT/A	VEPOST				
	Agri-Dex	1	% V/V	1	% V/V	VEPOST				
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST				
	Agri-Dex	1	% V/V	1	% V/V	LPOST				
4	Newpath	0.0625	LB A/A	4	FL OZ/A	VEPOST	0 a	0 a	0 a	0 a
	Agri-Dex	1	% V/V	1	% V/V	VEPOST				
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST				
	IR 5880	0.225	LB A/A	0.3	LB/A	LPOST				
	IR 5878	0.0625	LB A/A	2	OZ WT/A	LPOST				
	Agri-Dex	1	% V/V	1	% V/V	LPOST				
5	Newpath	0.0625	LB A/A	4	FL OZ/A	VEPOST	0 a	0 a	0 a	0 a
	Agri-Dex	1	% V/V	1	% V/V	VEPOST				
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST				
	IR 5880	0.28	LB A/A	0.375	LB/A	LPOST				
	IR 5878	0.047	LB A/A	1.5	OZ WT/A	LPOST				
	Agri-Dex	1	% V/V	1	% V/V	LPOST				
6	Newpath	0.0625	LB A/A	4	FL OZ/A	VEPOST	0 a	0 a	0 a	0 a
	IR 5880	0.187	LB A/A	0.25	LB/A	VEPOST				
	IR 5878	0.0313	LB A/A	1	OZ WT/A	VEPOST				
	Agri-Dex	1	% V/V	1	% V/V	VEPOST				
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST				
	IR 5880	0.187	LB A/A	0.25	LB/A	LPOST				
	IR 5878	0.0313	LB A/A	1	OZ WT/A	LPOST				
	Agri-Dex	1	% V/V	1	% V/V	LPOST				
7	Newpath	0.0625	LB A/A	4	FL OZ/A	VEPOST	0 a	0 a	0 a	0 a
	Agri-Dex	1	% V/V	1	% V/V	VEPOST				
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST				
	Agri-Dex	1	% V/V	1	% V/V	LPOST				
	Beyond	0.039	LB A/A	5	FL OZ/A	2 wk POFL				
	Agri-Dex	1	% V/V	1	% V/V	2 wk POFL				
8	Newpath	0.0625	LB A/A	4	FL OZ/A	VEPOST	0 a	0 a	0 a	0 a
	Agri-Dex	1	% V/V	1	% V/V	VEPOST				
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST				
	Agri-Dex	1	% V/V	1	% V/V	LPOST				
	Beyond	0.039	LB A/A	5	FL OZ/A	2 wk POFL				
	IR 5880	0.187	LB A/A	0.25	LB/A	2 wk POFL				
	IR 5878	0.0313	LB A/A	1	OZ WT/A	2 wk POFL				
	Agri-Dex	1	% V/V	1	% V/V	2 wk POFL				
9	Newpath	0.0625	LB A/A	4	FL OZ/A	VEPOST	0 a	0 a	0 a	0 a
	Agri-Dex	1	% V/V	1	% V/V	VEPOST				
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST				
	Agri-Dex	1	% V/V	1	% V/V	LPOST				
	Beyond	0.039	LB A/A	5	FL OZ/A	2 wk POFL				
	IR 5880	0.225	LB A/A	0.3	LB/A	2 wk POFL				
	IR 5878	0.0625	LB A/A	2	OZ WT/A	2 wk POFL				
	Agri-Dex	1	% V/V	1	% V/V	2 wk POFL				

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Pest Code							INJURY	INJURY	INJURY	INJURY
Rating Date							19/5/10	7/6/10	21/6/10	8/7/10
Rating Data Type										
Rating Unit							%	%	%	%
Trt-Eval Interval							2 DA LPOST	21 DA LPOST	12 DA POFL	28 DA POFL
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	26	27	28	29
10	Newpath	0.0625	LB A/A	4	FL OZ/A	VEPOST	0 a	0 a	0 a	0 a
	Agri-Dex	1	% V/V	1	% V/V	VEPOST				
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST				
	Agri-Dex	1	% V/V	1	% V/V	LPOST				
	Beyond	0.039	LB A/A	5	FL OZ/A	2 wk POFL				
	IR 5880	0.28	LB A/A	0.375	LB/A	2 wk POFL				
	IR 5878	0.047	LB A/A	1.5	OZ WT/A	2 wk POFL				
	Agri-Dex	1	% V/V	1	% V/V	2 wk POFL				
11	Newpath	0.0625	LB A/A	4	FL OZ/A	VEPOST	0 a	0 a	0 a	0 a
	Agri-Dex	1	% V/V	1	% V/V	VEPOST				
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST				
	IR 5880	0.187	LB A/A	0.25	LB/A	LPOST				
	IR 5878	0.0313	LB A/A	1	OZ WT/A	LPOST				
	Agri-Dex	1	% V/V	1	% V/V	LPOST				
	Beyond	0.039	LB A/A	5	FL OZ/A	2 wk POFL				
	IR 5880	0.187	LB A/A	0.25	LB/A	2 wk POFL				
	IR 5878	0.0313	LB A/A	1	OZ WT/A	2 wk POFL				
	Agri-Dex	1	% V/V	1	% V/V	2 wk POFL				
12	Nontreated						0 a	0 a	0 a	0 a
LSD (P=.05)							0.0	0.0	0.0	0.0
Standard Deviation							0.0	0.0	0.0	0.0
CV							0.0	0.0	0.0	0.0
Grand Mean							0.0	0.0	0.0	0.0

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Tolerance of Conventional Rice to Basis Applied 60, 45, 30, and 15 Days Preplant

Experiment number	**C10-40**
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
Planting date	5/28/10
Harvest date	N/A
Crop/Variety	Catahoula
Emergence date	6/3/10
Uniform std. treatment	N/A

Application type	60d Preplant	45d Preplant	30d Preplant	15d Preplant
Date applied [mm/dd/yy]	03/29/10	04/13/10	04/28/10	05/13/10
Time [hh:mm-hh:mm]	11:55-12:00P	9:00-9:10A	10:00-10:10A	8:50-9:05A
Incorporation equip./Depth:	N/A	N/A	N/A	N/A
Air/Soil temperature [F]	66/62	70/68	78/69	83/80
Relative humidity [%]	60	80	65	82
Wind [mph, direction]	5-6,N	8-10,E	3-5,SE	6-8,S
Weather [sunny, etc]	sunny	sunny	sunny	overcast
Soil/Leaf surface moist	dry/N/A	dry/N/A	dry/N/A	dry/N/A
Crop stage/Height	N/A	N/A	N/A	N/A
Sprayer type/MPH	CO_2BkPk/3	CO_2BkPk/3	CO_2BkPk/3	CO_2BkPk/3
Nozzle type/Size*	AMFF/110015	AMFF/110015	AMFF/110015	AMFF/110015
Boom ht/# Noz/Spacing	15/5/15	15/5/15	15/5/15	15/5/15
GPA/PSI	15/22	15/22	15/25	15/24
Applied by	TPC	EPW	TPC	TPC

Flush Dates	5/28/10
Permanent Flood	7/6/10

*AMFF – Air mix flat fan nozzles

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Tolerance of Conventional Rice to Basis Applied 60, 45, 30, and 15 Days Preplant

Trial ID: C10-40 Protocol ID: C10-40
Location: RRS-Crowley, LA Study Director:
Investigator: Eric P. Webster

Pest Code								STAND CT	INJURY	INJURY
Rating Date							11/6/10	11/6/10	11/6/10	25/6/10
Rating Data Type							Avg. Height	Avg. Stand		
Rating Unit							cm	18" row	%	%
Trt-Eval Interval							14 da Plant	14 da Plant	14 da Plant	28 da Plant
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	5	8	9	10
1	Basis 60 d PREPLANT	0.0234	LB A/A	0.5	OZ/A	60 D PREPL PREPLANT	16 a	14 a	25 a	0 a
2	Basis 45 d PREPLANT	0.0234	LB A/A	0.5	OZ/A	45 D PREPL PREPLANT	14 a	13 a	26 a	0 a
3	Basis 30 d PREPLANT	0.0234	LB A/A	0.5	OZ/A	30 D PREPL PREPLANT	13 a	15 a	28 a	0 a
4	Basis 15 d PREPLANT	0.0234	LB A/A	0.5	OZ/A	15 D PREPL PREPLANT	15 a	14 a	10 a	0 a
5	Basis 60 d PREPLANT	0.047	LB A/A	1	OZ/A	60 D PREPL PREPLANT	14 a	12 a	26 a	0 a
6	Basis 45 d PREPLANT	0.047	LB A/A	1	OZ/A	45 D PREPL PREPLANT	14 a	12 a	13 a	0 a
7	Basis 30 d PREPLANT	0.047	LB A/A	1	OZ/A	30 D PREPL PREPLANT	13 a	13 a	15 a	0 a
8	Basis 15 d PREPLANT	0.047	LB A/A	1	OZ/A	15 D PREPL PREPLANT	13 a	13 a	15 a	0 a
9	Nontreated						14 a	12 a	0 a	0 a
LSD (P=.05)							3.8	4.5	23.9	0.0
Standard Deviation							2.6	3.1	16.4	0.0
CV							18.55	24.15	93.73	0.0
Grand Mean							13.99	12.86	17.5	0.0

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Effects of pH on Permit

Experiment number	**C10-41**
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
Planting date	4/1/10
Harvest date	N/A
Crop/Variety	CL131
Emergence date	4/19/10
Uniform std. treatment	N/A

Application type	PRE	2-3LF
Date applied [mm/dd/yy]	04/02/10	04/29/10
Time [hh:mm-hh:mm]	11:00-11:05A	8:50-9:00A
Incorporation equip./Depth:	N/A	N/A
Air/Soil temperature [F]	74/62	73/70
Relative humidity [%]	83	75
Wind [mph, direction]	6-8,S	6-8,S
Weather [sunny, etc]	sunny	sunny
Soil/Leaf surface moist	dry/N/A	dry/dry
Crop stage/Height	N/A	2-3lf/2-4"
Sprayer type/MPH	CO_2BkPk/3	CO_2BkPk/3
Nozzle type/Size*	AMFF/110015	AMFF/110015
Boom ht/# Noz/Spacing	15/5/15	15/5/15
GPA/PSI	15/22	15/25
Applied by	TPC	TPC

Weed Species (population)	(height/#leaves)
AESIN(5-10m^{-2})	1-2"/1-3lf
BRAPP(75-100m^{-2})	½-1"/1-2lf
CYPES(10-30m^{-2})	3-8"/3-6lf
ECHCG(50-80m^{-2})	¼-1"/1-2lf
SEBEX(5-10m^{-2})	1-2"/1-3lf

Flush Dates	4/7, 4/15, 4/29, 5/13
Permanent Flood	5/27

*AMFF – Air mix flat fan nozzles

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Effects of pH on Permit

Trial ID: C10-41 Protocol ID: C10-41
Location: RRS-Crowley, LA Study Director:
Investigator: Eric P. Webster

Pest Code							BRAPP	BRAPP	BRAPP	BRAPP	ECHCG	ECHCG	ECHCG	ECHCG
Rating Date							18/5/10	24/5/10	7/6/10	21/6/10	18/5/10	24/5/10	7/6/10	21/6/10
Rating Data Type							Control	Control	Control	Control	Control	Control	Control	Control
Rating Unit							%	%	%	%	%	%	%	%
Trt-Eval Interval							19 DAT	25 DAT	39 DAT	53 DAT	19 DAT	25 DAT	39 DAT	53 DAT
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	1	2	3	4	5	6	7	8
1	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	43 a	58 a	0 a	31 ab	53 a	70 a	0 a	28 ab
	Permit pH 5.0	0.035	LB A/A	0.75	OZ WT/A	2-3 Leaf								
	Induce	0.25	% V/V	4.8	FL OZ/A	2-3 Leaf								
2	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	40 a	56 a	0 a	35 ab	48 a	66 a	0 a	34 ab
	Permit pH 7.0	0.035	LB A/A	0.75	OZ WT/A	2-3 Leaf								
	Induce	0.25	% V/V	4.8	FL OZ/A	2-3 Leaf								
3	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	40 a	60 a	0 a	24 ab	48 a	66 a	0 a	23 ab
	Permit pH 9.0	0.035	LB A/A	0.75	OZ WT/A	2-3 Leaf								
	Induce	0.25	% V/V	4.8	FL OZ/A	2-3 Leaf								
4	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	43 a	63 a	0 a	44 a	50 a	73 a	0 a	43 a
	Permit	0.035	LB A/A	0.75	OZ WT/A	2-3 Leaf								
	Induce	0.25	% V/V	4.8	FL OZ/A	2-3 Leaf								
	AMS	2	LB/A	2	LB/A	2-3 Leaf								
5	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	40 a	64 a	3 a	20 bc	50 a	74 a	3 a	20 bc
	Permit	0.035	LB A/A	0.75	OZ WT/A	2-3 Leaf								
	Induce	0.25	% V/V	4.8	FL OZ/A	2-3 Leaf								
6	Nontreated						0 b	0 b	0 a	0 c	0 b	0 b	0 a	0 c
	Command	0.3	LB A/A	12.8	FL OZ/A	PRE								
LSD (P=.05)							12.3	11.9	3.1	23.2	7.9	8.1	3.1	22.4
Standard Deviation							8.2	7.9	2.0	15.4	5.2	5.4	2.0	14.9
CV							23.9	15.74	489.9	59.99	12.71	9.28	489.9	61.07
Grand Mean							34.17	50.0	0.42	25.63	41.25	58.13	0.42	24.38

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Pest Code							CYPES	CYPES	CYPES	CYPES	AESIN	AESIN	AESIN	AESIN
Rating Date							18/5/10	24/5/10	7/6/10	21/6/10	18/5/10	24/5/10	7/6/10	21/6/10
Rating Data Type							Control	Control	Control	Control	Control	Control	Control	Control
Rating Unit							%	%	%	%	%	%	%	%
Trt-Eval Interval							19 DAT	25 DAT	39 DAT	53 DAT	19 DAT	25 DAT	39 DAT	53 DAT
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	9	10	11	12	13	14	15	16
1	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	95 a	97 a	98 a	98 a	95 a	98 a	76 a	73 ab
	Permit pH 5.0	0.035	LB A/A	0.75	OZ WT/A	2-3 Leaf								
	Induce	0.25	% V/V	4.8	FL OZ/A	2-3 Leaf								
2	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	93 a	97 a	98 a	98 a	95 a	98 a	81 a	60 b
	Permit pH 7.0	0.035	LB A/A	0.75	OZ WT/A	2-3 Leaf								
	Induce	0.25	% V/V	4.8	FL OZ/A	2-3 Leaf								
3	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	95 a	97 a	98 a	98 a	95 a	98 a	59 a	68 ab
	Permit pH 9.0	0.035	LB A/A	0.75	OZ WT/A	2-3 Leaf								
	Induce	0.25	% V/V	4.8	FL OZ/A	2-3 Leaf								
4	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	93 a	97 a	98 a	98 a	95 a	98 a	79 a	76 a
	Permit	0.035	LB A/A	0.75	OZ WT/A	2-3 Leaf								
	Induce	0.25	% V/V	4.8	FL OZ/A	2-3 Leaf								
	AMS	2	LB/A	2	LB/A	2-3 Leaf								
5	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	93 a	97 a	98 a	97 a	95 a	98 a	68 a	65 ab
	Permit	0.035	LB A/A	0.75	OZ WT/A	2-3 Leaf								
	Induce	0.25	% V/V	4.8	FL OZ/A	2-3 Leaf								
6	Nontreated						0 b	0 b	0 b	0 b	0 b	0 b	0 b	0 c
	Command	0.3	LB A/A	12.8	FL OZ/A	PRE								
LSD (P=.05)							2.9	2.1	0.0	0.9	0.0	0.0	26.4	13.4
Standard Deviation							1.9	1.4	0.0	0.6	0.0	0.0	17.5	8.9
CV							2.44	1.7	0.0	0.75	0.0	0.0	29.02	15.66
Grand Mean							77.92	80.92	81.67	81.54	79.17	81.67	60.42	56.88

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Pest Code							SEBEX	SEBEX	SEBEX	SEBEX	INJURY	INJURY	INJURY	INJURY
Rating Date							18/5/10	24/5/10	7/6/10	21/6/10	18/5/10	24/5/10	7/6/10	21/6/10
Rating Data Type							Control	Control	Control	Control				
Rating Unit							%	%	%	%	%	%	%	%
Trt-Eval Interval							19 DAT	25 DAT	39 DAT	53 DAT	19 DAT	25 DAT	39 DAT	53 DAT
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	17	18	19	20	21	22	23	24
1	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	95 a	98 a	75 a	78 ab	4 a	0 a	0 a	0 a
	Permit pH 5.0	0.035	LB A/A	0.75	OZ WT/A	2-3 Leaf								
	Induce	0.25	% V/V	4.8	FL OZ/A	2-3 Leaf								
2	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	95 a	98 a	81 a	74 ab	1 a	0 a	0 a	0 a
	Permit pH 7.0	0.035	LB A/A	0.75	OZ WT/A	2-3 Leaf								
	Induce	0.25	% V/V	4.8	FL OZ/A	2-3 Leaf								
3	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	95 a	98 a	61 a	76 ab	5 a	0 a	0 a	0 a
	Permit pH 9.0	0.035	LB A/A	0.75	OZ WT/A	2-3 Leaf								
	Induce	0.25	% V/V	4.8	FL OZ/A	2-3 Leaf								
4	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	95 a	98 a	80 a	81 a	4 a	0 a	0 a	0 a
	Permit	0.035	LB A/A	0.75	OZ WT/A	2-3 Leaf								
	Induce	0.25	% V/V	4.8	FL OZ/A	2-3 Leaf								
	AMS	2	LB/A	2	LB/A	2-3 Leaf								
5	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	95 a	98 a	70 a	56 b	5 a	0 a	0 a	0 a
	Permit	0.035	LB A/A	0.75	OZ WT/A	2-3 Leaf								
	Induce	0.25	% V/V	4.8	FL OZ/A	2-3 Leaf								
6	Nontreated						0 b	0 b	0 b	0 c	0 a	0 a	0 a	0 a
	Command	0.3	LB A/A	12.8	FL OZ/A	PRE								
LSD (P=.05)							0.0	0.0	26.2	23.0	4.3	0.0	0.0	0.0
Standard Deviation							0.0	0.0	17.4	15.3	2.8	0.0	0.0	0.0
CV							0.0	0.0	28.41	25.08	90.43	0.0	0.0	0.0
Grand Mean							79.17	81.67	61.25	60.83	3.13	0.0	0.0	0.0

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Effects of pH on Regiment

Experiment number	**C10-42**
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
Planting date	4/1/10
Harvest date	N/A
Crop/Variety	CL131
Emergence date	4/19/10
Uniform std. treatment	N/A

Application type	PRE	2-3LF
Date applied [mm/dd/yy]	04/02/10	04/29/10
Time [hh:mm-hh:mm]	11:05-11:10A	9:05-9:10A
Incorporation equip./Depth:	N/A	N/A
Air/Soil temperature [F]	75/62	73/70
Relative humidity [%]	83	75
Wind [mph, direction]	5-7,S	6-8,S
Weather [sunny, etc]	sunny	sunny
Soil/Leaf surface moist	dry/N/A	dry/dry
Crop stage/Height	N/A	2-3lf/2-4"
Sprayer type/MPH	CO_2BkPk/3	CO_2BkPk/3
Nozzle type/Size*	AMFF/110015	AMFF/110015
Boom ht/# Noz/Spacing	15/5/15	15/5/15
GPA/PSI	15/22	15/25
Applied by	TPC	TPC

Weed Species (population)	---------- (height/#leaves) ----------
AESIN(5-10m^{-2})	1-2"/1-3lf
BRAPP(75-100m^{-2})	½-1"/1-2lf
CYPES(10-30m^{-2})	3-8"/3-6lf
ECHCG(50-80m^{-2})	¼-1"/1-2lf
SEBEX(5-10m^{-2})	1-2"/1-3lf

Flush Dates	4/7, 4/15, 4/29, 5/13
Permanent Flood	5/27

*AMFF – Air mix flat fan nozzles

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Effects of pH on Regiment

Trial ID: C10-42 Protocol ID: C10-42
Location: RRS-Crowley, LA Study Director:
Investigator: Eric P. Webster

Pest Code							BRAPP	BRAPP	BRAPP	BRAPP	ECHCG	ECHCG	ECHCG	ECHCG
Rating Date							18/5/10	24/5/10	7/6/10	21/6/10	18/5/10	24/5/10	7/6/10	21/6/10
Rating Data Type							Control	Control	Control	Control	Control	Control	Control	Control
Rating Unit							%	%	%	%	%	%	%	%
Trt-Eval Interval							19 DAT	25 DAT	39 DAT	53 DAT	19 DAT	25 DAT	39 DAT	53 DAT
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	1	2	3	4	5	6	7	8
1	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	70 a	70 a	0 a	60 a	71 a	70 a	0 a	0 a
	Regiment pH 5.0	0.025	LB A/A	0.5	OZ WT/A	2-3 Leaf								
	Dyne-A-Pak	1.5	% V/V	28.8	FL OZ/A	2-3 Leaf								
2	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	68 a	76 a	0 a	60 a	70 a	75 a	0 a	5 a
	Regiment pH 7.0	0.025	LB A/A	0.5	OZ WT/A	2-3 Leaf								
	Dyne-A-Pak	1.5	% V/V	28.8	FL OZ/A	2-3 Leaf								
3	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	70 a	71 a	0 a	55 a	71 a	71 a	0 a	8 a
	Regiment pH 9.0	0.025	LB A/A	0.5	OZ WT/A	2-3 Leaf								
	Dyne-A-Pak	1.5	% V/V	28.8	FL OZ/A	2-3 Leaf								
4	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	65 a	74 a	0 a	43 a	70 a	74 a	0 a	0 a
	Regiment	0.025	LB A/A	0.5	OZ WT/A	2-3 Leaf								
	Dyne-A-Pak	1.5	% V/V	28.8	FL OZ/A	2-3 Leaf								
	AMS	2	LB/A	2	LB/A	2-3 Leaf								
5	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	70 a	68 a	0 a	58 a	71 a	68 a	0 a	3 a
	Regiment	0.025	LB A/A	0.5	OZ WT/A	2-3 Leaf								
	Dyne-A-Pak	1.5	% V/V	28.8	FL OZ/A	2-3 Leaf								
6	Nontreated						0 b	0 b	0 a	0 b	0 b	0 b	0 a	0 a
	Command	0.3	LB A/A	12.8	FL OZ/A	PRE								
LSD (P=.05)							6.2	13.4	0.0	24.9	2.6	13.3	0.0	7.5
Standard Deviation							4.1	8.9	0.0	16.5	1.7	8.9	0.0	4.9
CV							7.21	14.93	0.0	36.07	2.93	14.85	0.0	197.77
Grand Mean							57.08	59.79	0.0	45.83	58.96	59.58	0.0	2.5

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Pest Code							CYPES	CYPES	CYPES	CYPES	AESIN	AESIN	AESIN	AESIN
Rating Date							18/5/10	24/5/10	7/6/10	21/6/10	18/5/10	24/5/10	7/6/10	21/6/10
Rating Data Type							Control	Control	Control	Control	Control	Control	Control	Control
Rating Unit							%	%	%	%	%	%	%	%
Trt-Eval Interval							19 DAT	25 DAT	39 DAT	53 DAT	19 DAT	25 DAT	39 DAT	53 DAT
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	9	10	11	12	13	14	15	16
1	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	91 ab	95 b	88 abc	81 a	95 a	98 a	83 ab	70 a
	Regiment pH 5.0	0.025	LB A/A	0.5	OZ WT/A	2-3 Leaf								
	Dyne-A-Pak	1.5	% V/V	28.8	FL OZ/A	2-3 Leaf								
2	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	93 ab	95 b	93 a	86 a	95 a	98 a	80 b	83 a
	Regiment pH 7.0	0.025	LB A/A	0.5	OZ WT/A	2-3 Leaf								
	Dyne-A-Pak	1.5	% V/V	28.8	FL OZ/A	2-3 Leaf								
3	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	94 a	97 a	86 bc	81 a	95 a	98 a	83 ab	79 a
	Regiment pH 9.0	0.025	LB A/A	0.5	OZ WT/A	2-3 Leaf								
	Dyne-A-Pak	1.5	% V/V	28.8	FL OZ/A	2-3 Leaf								
4	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	90 b	95 b	91 ab	75 a	95 a	98 a	84 ab	81 a
	Regiment	0.025	LB A/A	0.5	OZ WT/A	2-3 Leaf								
	Dyne-A-Pak	1.5	% V/V	28.8	FL OZ/A	2-3 Leaf								
	AMS	2	LB/A	2	LB/A	2-3 Leaf								
5	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	90 b	96 ab	83 c	75 a	95 a	98 a	88 a	78 a
	Regiment	0.025	LB A/A	0.5	OZ WT/A	2-3 Leaf								
	Dyne-A-Pak	1.5	% V/V	28.8	FL OZ/A	2-3 Leaf								
6	Nontreated						0 c	0 c	0 d	0 b	0 b	0 b	0 c	0 b
	Command	0.3	LB A/A	12.8	FL OZ/A	PRE								
LSD (P=.05)							2.8	1.3	5.2	12.2	0.0	0.0	5.9	13.6
Standard Deviation							1.8	0.9	3.5	8.1	0.0	0.0	3.9	9.0
CV							2.39	1.11	4.71	12.2	0.0	0.0	5.67	13.88
Grand Mean							76.25	79.54	73.33	66.46	79.17	81.67	69.38	65.0

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Pest Code							SEBEX	SEBEX	SEBEX	SEBEX	INJURY	INJURY	INJURY	INJURY
Rating Date							18/5/10	24/5/10	7/6/10	21/6/10	18/5/10	24/5/10	7/6/10	21/6/10
Rating Data Type							Control	Control	Control	Control				
Rating Unit							%	%	%	%	%	%	%	%
Trt-Eval Interval							19 DAT	25 DAT	39 DAT	53 DAT	19 DAT	25 DAT	39 DAT	53 DAT
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	17	18	19	20	21	22	23	24
1	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	95 a	98 a	84 a	66 a	1 a	0 a	0 a	0 a
	Regiment pH 5.0	0.025	LB A/A	0.5	OZ WT/A	2-3 Leaf								
	Dyne-A-Pak	1.5	% V/V	28.8	FL OZ/A	2-3 Leaf								
2	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	95 a	98 a	83 a	60 a	4 a	0 a	0 a	0 a
	Regiment pH 7.0	0.025	LB A/A	0.5	OZ WT/A	2-3 Leaf								
	Dyne-A-Pak	1.5	% V/V	28.8	FL OZ/A	2-3 Leaf								
3	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	95 a	98 a	81 a	80 a	5 a	0 a	0 a	0 a
	Regiment pH 9.0	0.025	LB A/A	0.5	OZ WT/A	2-3 Leaf								
	Dyne-A-Pak	1.5	% V/V	28.8	FL OZ/A	2-3 Leaf								
4	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	95 a	98 a	83 a	83 a	14 a	0 a	0 a	0 a
	Regiment	0.025	LB A/A	0.5	OZ WT/A	2-3 Leaf								
	Dyne-A-Pak	1.5	% V/V	28.8	FL OZ/A	2-3 Leaf								
	AMS	2	LB/A	2	LB/A	2-3 Leaf								
5	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	95 a	98 a	84 a	79 a	6 a	0 a	0 a	0 a
	Regiment	0.025	LB A/A	0.5	OZ WT/A	2-3 Leaf								
	Dyne-A-Pak	1.5	% V/V	28.8	FL OZ/A	2-3 Leaf								
6	Nontreated						0 b	0 b	0 b	0 b	0 a	0 a	0 a	0 a
	Command	0.3	LB A/A	12.8	FL OZ/A	PRE								
LSD (P=.05)							0.0	0.0	5.2	28.0	15.6	0.0	0.0	0.0
Standard Deviation							0.0	0.0	3.4	18.6	10.4	0.0	0.0	0.0
CV							0.0	0.0	5.0	30.3	207.63	0.0	0.0	0.0
Grand Mean							79.17	81.67	68.96	61.25	5.0	0.0	0.0	0.0

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Effects of pH on Grasp

Experiment number	**C10-43**
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
Planting date	4/1/10
Harvest date	N/A
Crop/Variety	CL131
Emergence date	4/19/10
Uniform std. treatment	N/A

Application type	PRE	2-3LF
Date applied [mm/dd/yy]	04/02/10	04/29/10
Time [hh:mm-hh:mm]	11:10-11:15A	9:10-9:15A
Incorporation equip./Depth:	N/A	N/A
Air/Soil temperature [F]	74/62	73/70
Relative humidity [%]	83	75
Wind [mph, direction]	5-8,S	6-8,S
Weather [sunny, etc]	sunny	sunny
Soil/Leaf surface moist	dry/N/A	dry/dry
Crop stage/Height	N/A	2-3lf/2-3"
Sprayer type/MPH	CO_2BkPk/3	CO_2BkPk/3
Nozzle type/Size*	AMFF/110015	AMFF/110015
Boom ht/# Noz/Spacing	15/5/15	15/5/15
GPA/PSI	15/22	15/25
Applied by	TPC	TPC

Weed Species (population)	(height/#leaves)
AESIN(5-10m^{-2})	1-2"/1-3lf
BRAPP(70-100m^{-2})	½-1"/1-2lf
CYPES(10-30m^{-2})	3-8"/3-6lf
ECHCG(50-80m^{-2})	¼-1"/1-2lf
SEBEX(5-10m^{-2})	1-2"/1-3lf

Flush Dates	4/7, 4/15, 4/29, 5/13
Permanent Flood	5/27

*AMFF – Air mix flat fan nozzles

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School of Plant, Environmental and Soil Sciences

Effects of pH on Grasp

Trial ID: C10-43 Protocol ID: C10-43
Location: RRS-Crowley, LA Study Director:
Investigator: Eric P. Webster

Pest Code							BRAPP	BRAPP	BRAPP	BRAPP	ECHCG	ECHCG	ECHCG	ECHCG
Rating Date							18/5/10	24/5/10	7/6/10	21/6/10	18/5/10	24/5/10	7/6/10	21/6/10
Rating Data Type							Control	Control	Control	Control	Control	Control	Control	Control
Rating Unit							%	%	%	%	%	%	%	%
Trt-Eval Interval							19 DAT	25 DAT	39 DAT	53 DAT	19 DAT	25 DAT	39 DAT	53 DAT
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	1	2	3	4	5	6	7	8
1	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	48 ab	70 a	0 b	0 a	48 a	70 a	0 b	20 bc
	Grasp pH 5.0	0.0313	LB A/A	2	FL OZ/A	2-3 Leaf								
	Agri-Dex	1	% V/V	19.2	FL OZ/A	2-3 Leaf								
2	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	45 b	75 a	15 a	0 a	48 a	75 a	18 a	50 a
	Grasp pH 7.0	0.0313	LB A/A	2	FL OZ/A	2-3 Leaf								
	Agri-Dex	1	% V/V	19.2	FL OZ/A	2-3 Leaf								
3	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	45 b	70 a	11 ab	0 a	48 a	70 a	10 ab	40 ab
	Grasp pH 9.0	0.0313	LB A/A	2	FL OZ/A	2-3 Leaf								
	Agri-Dex	1	% V/V	19.2	FL OZ/A	2-3 Leaf								
4	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	55 a	75 a	10 ab	0 a	55 a	75 a	10 ab	38 ab
	Grasp	0.0313	LB A/A	2	FL OZ/A	2-3 Leaf								
	Agri-Dex	1	% V/V	19.2	FL OZ/A	2-3 Leaf								
	AMS	2	LB/A	2	LB/A	2-3 Leaf								
5	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	50 ab	73 a	0 b	0 a	50 a	73 a	0 b	53 a
	Grasp	0.0313	LB A/A	2	FL OZ/A	2-3 Leaf								
	Agri-Dex	1	% V/V	19.2	FL OZ/A	2-3 Leaf								
6	Nontreated						0 c	0 b	0 b	0 a	0 b	0 b	0 b	0 c
	Command	0.3	LB A/A	12.8	FL OZ/A	PRE								
LSD (P=.05)							9.8	5.9	11.9	0.0	8.5	5.9	12.8	24.3
Standard Deviation							6.5	3.9	7.9	0.0	5.7	3.9	8.5	16.2
CV							16.02	6.47	131.07	0.0	13.7	6.47	136.24	48.48
Grand Mean							40.42	60.42	6.04	0.0	41.25	60.42	6.25	33.33

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Pest Code							CYPES	CYPES	CYPES	CYPES	AESIN	AESIN	AESIN	AESIN
Rating Date							18/5/10	24/5/10	7/6/10	21/6/10	18/5/10	24/5/10	7/6/10	21/6/10
Rating Data Type							Control	Control	Control	Control	Control	Control	Control	Control
Rating Unit							%	%	%	%	%	%	%	%
Trt-Eval Interval							19 DAT	25 DAT	39 DAT	53 DAT	19 DAT	25 DAT	39 DAT	53 DAT
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	9	10	11	12	13	14	15	16
1	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	93 a	95 ab	74 a	88 a	95 a	90 b	31 b	25 bc
	Grasp pH 5.0	0.0313	LB A/A	2	FL OZ/A	2-3 Leaf								
	Agri-Dex	1	% V/V	19.2	FL OZ/A	2-3 Leaf								
2	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	94 a	96 a	63 a	88 a	95 a	98 a	80 a	48 ab
	Grasp pH 7.0	0.0313	LB A/A	2	FL OZ/A	2-3 Leaf								
	Agri-Dex	1	% V/V	19.2	FL OZ/A	2-3 Leaf								
3	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	93 a	94 b	76 a	90 a	95 a	98 a	74 a	53 ab
	Grasp pH 9.0	0.0313	LB A/A	2	FL OZ/A	2-3 Leaf								
	Agri-Dex	1	% V/V	19.2	FL OZ/A	2-3 Leaf								
4	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	91 a	95 ab	63 a	89 a	95 a	98 a	70 a	58 a
	Grasp	0.0313	LB A/A	2	FL OZ/A	2-3 Leaf								
	Agri-Dex	1	% V/V	19.2	FL OZ/A	2-3 Leaf								
	AMS	2	LB/A	2	LB/A	2-3 Leaf								
5	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	91 a	95 ab	74 a	88 a	95 a	98 a	63 a	53 ab
	Grasp	0.0313	LB A/A	2	FL OZ/A	2-3 Leaf								
	Agri-Dex	1	% V/V	19.2	FL OZ/A	2-3 Leaf								
6	Nontreated						0 b	0 c	0 b	0 b	0 b	0 c	0 c	0 c
	Command	0.3	LB A/A	12.8	FL OZ/A	PRE								
LSD (P=.05)							2.6	1.9	30.7	5.6	0.0	6.7	27.9	28.0
Standard Deviation							1.7	1.3	20.4	3.7	0.0	4.4	18.5	18.6
CV							2.25	1.63	35.1	5.05	0.0	5.51	34.99	47.46
Grand Mean							76.88	79.08	58.13	73.54	79.17	80.38	52.92	39.17

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Pest Code							SEBEX	SEBEX	SEBEX	SEBEX	INJURY	INJURY	INJURY	INJURY
Rating Date							18/5/10	24/5/10	7/6/10	21/6/10	18/5/10	24/5/10	7/6/10	21/6/10
Rating Data Type							Control	Control	Control	Control				
Rating Unit							%	%	%	%	%	%	%	%
Trt-Eval Interval							19 DAT	25 DAT	39 DAT	53 DAT	19 DAT	25 DAT	39 DAT	53 DAT
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	17	18	19	20	21	22	23	24
1	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	91 a	0 a	30 b	30 a	3 a	0 a	0 a	0 a
	Grasp pH 5.0	0.0313	LB A/A	2	FL OZ/A	2-3 Leaf								
	Agri-Dex	1	% V/V	19.2	FL OZ/A	2-3 Leaf								
2	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	95 a	0 a	79 a	53 a	4 a	0 a	0 a	0 a
	Grasp pH 7.0	0.0313	LB A/A	2	FL OZ/A	2-3 Leaf								
	Agri-Dex	1	% V/V	19.2	FL OZ/A	2-3 Leaf								
3	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	95 a	0 a	70 a	40 a	5 a	0 a	0 a	0 a
	Grasp pH 9.0	0.0313	LB A/A	2	FL OZ/A	2-3 Leaf								
	Agri-Dex	1	% V/V	19.2	FL OZ/A	2-3 Leaf								
4	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	95 a	0 a	69 a	55 a	4 a	0 a	0 a	0 a
	Grasp	0.0313	LB A/A	2	FL OZ/A	2-3 Leaf								
	Agri-Dex	1	% V/V	19.2	FL OZ/A	2-3 Leaf								
	AMS	2	LB/A	2	LB/A	2-3 Leaf								
5	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	95 a	0 a	60 a	55 a	1 a	0 a	0 a	0 a
	Grasp	0.0313	LB A/A	2	FL OZ/A	2-3 Leaf								
	Agri-Dex	1	% V/V	19.2	FL OZ/A	2-3 Leaf								
6	Nontreated						0 b	0 a	0 c	0 b	0 a	0 a	0 a	0 a
	Command	0.3	LB A/A	12.8	FL OZ/A	PRE								
LSD (P=.05)							4.6	0.0	28.7	28.5	4.7	0.0	0.0	0.0
Standard Deviation							3.1	0.0	19.0	18.9	3.1	0.0	0.0	0.0
CV							3.9	0.0	37.16	48.79	114.72	0.0	0.0	0.0
Grand Mean							78.54	0.0	51.25	38.75	2.71	0.0	0.0	0.0

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Effects of pH on V-10142 (imazosulfuron)

Experiment number	**C10-44**
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
Planting date	4/1/10
Harvest date	N/A
Crop/Variety	CL131
Emergence date	4/19/10
Uniform std. treatment	N/A

Application type	PRE	2-3LF
Date applied [mm/dd/yy]	04/02/10	04/29/10
Time [hh:mm-hh:mm]	11:15-11:20A	9:17-9:23A
Incorporation equip./Depth:	N/A	N/A
Air/Soil temperature [F]	74/62	73/70
Relative humidity [%]	83	75
Wind [mph, direction]	5-8,S	6-8,S
Weather [sunny, etc]	sunny	sunny
Soil/Leaf surface moist	dry/N/A	dry/dry
Crop stage/Height	N/A	2-3lf/2-4"
Sprayer type/MPH	CO_2BkPk/3	CO_2BkPk/3
Nozzle type/Size*	AMFF/110015	AMFF/110015
Boom ht/# Noz/Spacing	15/5/15	15/5/15
GPA/PSI	15/22	15/25
Applied by	TPC	TPC

Weed Species (population)	(height/#leaves)
AESIN(5-10m^{-2})	1-2"/1-3lf
BRAPP(75-100m^{-2})	½-1"/1-2lf
CYPES(10-30m^{-2})	3-8"/3-6lf
ECHCG(50-80m^{-2})	¼-1"/1-2lf
SEBEX(5-10m^{-2})	1-2"/1-3lf

Flush Dates	4/7, 4/15, 4/29, 5/13
Permanent Flood	5/27

*AMFF – Air mix flat fan nozzles

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Effects of pH on V-10142 (imazosulfuron)

Trial ID: C10-44 Protocol ID: C10-44
Location: RRS-Crowley, LA Study Director:
Investigator: Eric P. Webster

Pest Code							BRAPP	BRAPP	BRAPP	BRAPP	ECHCG	ECHCG	ECHCG	ECHCG
Rating Date							18/5/10	24/5/10	7/6/10	21/6/10	18/5/10	24/5/10	7/6/10	21/6/10
Rating Data Type							Control	Control	Control	Control	Control	Control	Control	Control
Rating Unit							%	%	%	%	%	%	%	%
Trt-Eval Interval							19 DAT	25 DAT	39 DAT	53 DAT	19 DAT	25 DAT	39 DAT	53 DAT
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	1	2	3	4	5	6	7	8
1	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	50 a	85 a	0 a	0 a	50 a	86 a	0 a	0 a
	V-10142 pH 5.0	0.15	LB A/A	3.2	OZ WT/A	2-3 Leaf								
	Agri-Dex	1	% V/V	19.2	FL OZ/A	2-3 Leaf								
2	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	53 a	88 a	0 a	10 a	53 a	86 a	0 a	0 a
	V-10142 pH 7.0	0.15	LB A/A	3.2	OZ WT/A	2-3 Leaf								
	Agri-Dex	1	% V/V	19.2	FL OZ/A	2-3 Leaf								
3	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	48 a	85 a	0 a	0 a	50 a	86 a	0 a	0 a
	V-10142 pH 9.0	0.15	LB A/A	3.2	OZ WT/A	2-3 Leaf								
	Agri-Dex	1	% V/V	19.2	FL OZ/A	2-3 Leaf								
4	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	48 a	84 a	0 a	0 a	50 a	84 a	0 a	0 a
	V-10142	0.15	LB A/A	3.2	OZ WT/A	2-3 Leaf								
	Agri-Dex	1	% V/V	19.2	FL OZ/A	2-3 Leaf								
	AMS	2	LB/A	2	LB/A	2-3 Leaf								
5	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	53 a	85 a	3 a	0 a	53 a	86 a	3 a	0 a
	V-10142	0.15	LB A/A	3.2	OZ WT/A	2-3 Leaf								
	Agri-Dex	1	% V/V	19.2	FL OZ/A	2-3 Leaf								
6	Nontreated						0 b	0 b	0 a	0 a	0 b	0 b	0 a	0 a
	Command	0.3	LB A/A	12.8	FL OZ/A	PRE								
LSD (P=.05)							6.4	7.5	3.1	12.3	6.4	6.9	3.1	0.0
Standard Deviation							4.2	5.0	2.0	8.2	4.2	4.6	2.0	0.0
CV							10.12	7.03	489.9	489.9	9.92	6.42	489.9	0.0
Grand Mean							41.67	71.04	0.42	1.67	42.5	71.46	0.42	0.0

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Pest Code							CYPES	CYPES	CYPES	CYPES	AESIN	AESIN	AESIN	AESIN
Rating Date							18/5/10	24/5/10	7/6/10	21/6/10	18/5/10	24/5/10	7/6/10	21/6/10
Rating Data Type							Control	Control	Control	Control	Control	Control	Control	Control
Rating Unit							%	%	%	%	%	%	%	%
Trt-Eval Interval							19 DAT	25 DAT	39 DAT	53 DAT	19 DAT	25 DAT	39 DAT	53 DAT
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	9	10	11	12	13	14	15	16
1	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	90 ab	96 a	89 b	90 a	95 a	74 a	86 a	65 a
	V-10142 pH 5.0	0.15	LB A/A	3.2	OZ WT/A	2-3 Leaf								
	Agri-Dex	1	% V/V	19.2	FL OZ/A	2-3 Leaf								
2	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	93 a	97 a	95 a	90 a	95 a	98 a	88 a	73 a
	V-10142 pH 7.0	0.15	LB A/A	3.2	OZ WT/A	2-3 Leaf								
	Agri-Dex	1	% V/V	19.2	FL OZ/A	2-3 Leaf								
3	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	93 a	96 a	94 a	90 a	95 a	74 a	89 a	70 a
	V-10142 pH 9.0	0.15	LB A/A	3.2	OZ WT/A	2-3 Leaf								
	Agri-Dex	1	% V/V	19.2	FL OZ/A	2-3 Leaf								
4	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	93 a	97 a	95 a	90 a	95 a	98 a	86 a	63 a
	V-10142	0.15	LB A/A	3.2	OZ WT/A	2-3 Leaf								
	Agri-Dex	1	% V/V	19.2	FL OZ/A	2-3 Leaf								
	AMS	2	LB/A	2	LB/A	2-3 Leaf								
5	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	88 b	95 a	95 a	90 a	95 a	74 a	88 a	80 a
	V-10142	0.15	LB A/A	3.2	OZ WT/A	2-3 Leaf								
	Agri-Dex	1	% V/V	19.2	FL OZ/A	2-3 Leaf								
6	Nontreated						0 c	0 b	0 c	0 b	0 b	72 a	0 b	0 b
	Command	0.3	LB A/A	12.8	FL OZ/A	PRE								
LSD (P=.05)							3.9	3.2	3.2	0.0	0.0	65.6	5.1	19.9
Standard Deviation							2.6	2.1	2.1	0.0	0.0	43.6	3.4	13.2
CV							3.4	2.63	2.71	0.0	0.0	53.56	4.63	22.64
Grand Mean							75.83	80.08	77.92	75.0	79.17	81.33	72.71	58.33

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Pest Code							SEBEX	SEBEX	SEBEX	SEBEX	INJURY	INJURY	INJURY	INJURY
Rating Date							18/5/10	24/5/10	7/6/10	21/6/10	18/5/10	24/5/10	7/6/10	21/6/10
Rating Data Type							Control	Control	Control	Control				
Rating Unit							%	%	%	%	%	%	%	%
Trt-Eval Interval							19 DAT	25 DAT	39 DAT	53 DAT	19 DAT	25 DAT	39 DAT	53 DAT
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	17	18	19	20	21	22	23	24
1	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	93 a	98 a	86 a	68 a	1 a	0 a	0 a	0 a
	V-10142 pH 5.0	0.15	LB A/A	3.2	OZ WT/A	2-3 Leaf								
	Agri-Dex	1	% V/V	19.2	FL OZ/A	2-3 Leaf								
2	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	95 a	98 a	86 a	76 a	8 a	0 a	0 a	0 a
	V-10142 pH 7.0	0.15	LB A/A	3.2	OZ WT/A	2-3 Leaf								
	Agri-Dex	1	% V/V	19.2	FL OZ/A	2-3 Leaf								
3	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	95 a	98 a	89 a	63 a	3 a	0 a	0 a	0 a
	V-10142 pH 9.0	0.15	LB A/A	3.2	OZ WT/A	2-3 Leaf								
	Agri-Dex	1	% V/V	19.2	FL OZ/A	2-3 Leaf								
4	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	93 a	97 a	85 a	70 a	3 a	0 a	0 a	0 a
	V-10142	0.15	LB A/A	3.2	OZ WT/A	2-3 Leaf								
	Agri-Dex	1	% V/V	19.2	FL OZ/A	2-3 Leaf								
	AMS	2	LB/A	2	LB/A	2-3 Leaf								
5	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	95 a	98 a	86 a	73 a	1 a	0 a	0 a	0 a
	V-10142	0.15	LB A/A	3.2	OZ WT/A	2-3 Leaf								
	Agri-Dex	1	% V/V	19.2	FL OZ/A	2-3 Leaf								
6	Nontreated						0 b	0 b	0 b	0 b	0 a	0 a	0 a	0 a
	Command	0.3	LB A/A	12.8	FL OZ/A	PRE								
LSD (P=.05)							3.9	0.9	5.6	19.9	4.8	0.0	0.0	0.0
Standard Deviation							2.6	0.6	3.7	13.2	3.2	0.0	0.0	0.0
CV							3.3	0.75	5.12	22.75	128.24	0.0	0.0	0.0
Grand Mean							78.33	81.54	72.08	58.13	2.5	0.0	0.0	0.0

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Effects of pH on Newpath

Experiment number..... :	**C10-45**
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
Planting date ..... :	4/1/10
Harvest date..... :	N/A
Crop/Variety ..... :	CL131
Emergence date..... :	4/19/10
Uniform std. treatment..... :	N/A

Application type..... :	1-2LF	4-5LF
Date applied [mm/dd/yy] ..... :	04/27/10	05/12/10
Time [hh:mm-hh:mm]..... :	11:40-11:50A	8:30-8:45A
Incorporation equip./Depth……..:	N/A	N/A
Air/Soil temperature [F] ..... :	78/75	79/79
Relative humidity [%]..... :	55	69
Wind [mph, direction] ..... :	5-7,N	1-3,S
Weather [sunny, etc] ..... :	sunny	sunny
Soil/Leaf surface moist..... :	dry/dry	dry/dry
Crop stage/Height ..... :	1-2lf/2-3"	4-5lf/4-6"
Sprayer type/MPH..... :	CO_2BkPk/3	CO_2BkPk/3
Nozzle type/Size* ..... :	AMFF/110015	AMFF/110015
Boom ht/# Noz/Spacing ..... :	15/5/15	15/5/15
GPA/PSI ..... :	15/25	15/22
Applied by..... :	JBH	JCF

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

ALRPH(3-5m^{-2})..... :	3-8"/4-10lf
BRAPP(200-300m^{-2}) ..... :	¼-1"/1-3lf
CYPES(10-20m^{-2})……..... :	4-6"/3-6lf
ECHCG(50-100m^{-2})..... :	¼-1"/1-3lf

Flush Dates ..... :	4/7, 4/15, 4/29, 5/13
Permanent Flood..... :	5/27

*AMFF – Air mix flat fan nozzles

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Effects of pH on Newpath

Trial ID: C10-45 Protocol ID: C10-45
Location: RRS-Crowley, LA Study Director:
Investigator: Eric P. Webster

Pest Code							BRAPP	BRAPP	BRAPP	BRAPP	ECHCG	ECHCG	ECHCG	ECHCG
Rating Date							24/5/10	7/6/10	21/6/10	7/7/10	24/5/10	7/6/10	21/6/10	7/7/10
Rating Data Type							Control	Control	Control	Control	Control	Control	Control	Control
Rating Unit							%	%	%	%	%	%	%	%
Trt-Eval Interval							12 DAT	26 DAT	40 DAT	56 DAT	12 DAT	26 DAT	40 DAT	56 DAT
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	1	2	3	4	5	6	7	8
1	Newpath pH 5.0	0.0625	LB A/A	4	FL OZ/A	1-2 LF	98 a	98 a	75 ab	90 a	98 a	98 a	65 a	85 b
	Agri-Dex	1	% V/V	1	% V/V	1-2 LF								
	Newpath pH 5.0	0.0625	LB A/A	4	FL OZ/A	4-5 LF								
	Agri-Dex	1	% V/V	1	% V/V	4-5 LF								
2	Newpath pH 7.0	0.0625	LB A/A	4	FL OZ/A	1-2 LF	98 a	98 a	73 ab	89 a	98 a	98 a	55 a	88 ab
	Agri-Dex	1	% V/V	1	% V/V	1-2 LF								
	Newpath pH 7.0	0.0625	LB A/A	4	FL OZ/A	4-5 LF								
	Agri-Dex	1	% V/V	1	% V/V	4-5 LF								
3	Newpath pH 9.0	0.0625	LB A/A	4	FL OZ/A	1-2 LF	98 a	98 a	75 ab	88 a	98 a	98 a	65 a	86 b
	Agri-Dex	1	% V/V	1	% V/V	1-2 LF								
	Newpath pH 9.0	0.0625	LB A/A	4	FL OZ/A	4-5 LF								
	Agri-Dex	1	% V/V	1	% V/V	4-5 LF								
4	Newpath	0.0625	LB A/A	4	FL OZ/A	1-2 LF	98 a	98 a	64 b	90 a	98 a	98 a	58 a	90 a
	Agri-Dex	1	% V/V	1	% V/V	1-2 LF								
	AMS	2	LB/A	2	LB/A	1-2 LF								
	Newpath	0.0625	LB A/A	4	FL OZ/A	4-5 LF								
	Agri-Dex	1	% V/V	1	% V/V	4-5 LF								
	AMS	2	LB/A	2	LB/A	4-5 LF								
5	Newpath	0.0625	LB A/A	4	FL OZ/A	1-2 LF	98 a	98 a	76 a	89 a	98 a	98 a	70 a	85 b
	Agri-Dex	1	% V/V	1	% V/V	1-2 LF								
	Newpath	0.0625	LB A/A	4	FL OZ/A	4-5 LF								
	Agri-Dex	1	% V/V	1	% V/V	4-5 LF								
6	Nontreated						0 b	0 b	0 c	0 b	0 b	0 b	0 b	0 c
LSD (P=.05)							0.0	0.0	12.3	2.9	0.0	0.0	29.4	3.5
Standard Deviation							0.0	0.0	8.1	1.9	0.0	0.0	19.5	2.3
CV							0.0	0.0	13.46	2.56	0.0	0.0	37.52	3.24
Grand Mean							81.67	81.67	60.42	74.17	81.67	81.67	52.08	72.29

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Pest Code							CYPES	CYPES	CYPES	CYPES	ALRPH	ALRPH	ALRPH	ALRPH
Rating Date							24/5/10	7/6/10	21/6/10	7/7/10	24/5/10	7/6/10	21/6/10	7/7/10
Rating Data Type							Control	Control	Control	Control	Control	Control	Control	Control
Rating Unit							%	%	%	%	%	%	%	%
Trt-Eval Interval							12 DAT	26 DAT	40 DAT	56 DAT	12 DAT	26 DAT	40 DAT	56 DAT
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	9	10	11	12	13	14	15	16
1	Newpath pH 5.0	0.0625	LB A/A	4	FL OZ/A	1-2 LF	95 a	98 a	70 a	90 a	90 a	74 a	20 a	76 a
	Agri-Dex	1	% V/V	1	% V/V	1-2 LF								
	Newpath pH 5.0	0.0625	LB A/A	4	FL OZ/A	4-5 LF								
	Agri-Dex	1	% V/V	1	% V/V	4-5 LF								
2	Newpath pH 7.0	0.0625	LB A/A	4	FL OZ/A	1-2 LF	95 a	98 a	78 a	90 a	91 a	80 a	25 a	79 a
	Agri-Dex	1	% V/V	1	% V/V	1-2 LF								
	Newpath pH 7.0	0.0625	LB A/A	4	FL OZ/A	4-5 LF								
	Agri-Dex	1	% V/V	1	% V/V	4-5 LF								
3	Newpath pH 9.0	0.0625	LB A/A	4	FL OZ/A	1-2 LF	95 a	98 a	73 a	90 a	89 a	76 a	10 a	76 a
	Agri-Dex	1	% V/V	1	% V/V	1-2 LF								
	Newpath pH 9.0	0.0625	LB A/A	4	FL OZ/A	4-5 LF								
	Agri-Dex	1	% V/V	1	% V/V	4-5 LF								
4	Newpath	0.0625	LB A/A	4	FL OZ/A	1-2 LF	95 a	98 a	79 a	90 a	89 a	78 a	18 a	81 a
	Agri-Dex	1	% V/V	1	% V/V	1-2 LF								
	AMS	2	LB/A	2	LB/A	1-2 LF								
	Newpath	0.0625	LB A/A	4	FL OZ/A	4-5 LF								
	Agri-Dex	1	% V/V	1	% V/V	4-5 LF								
	AMS	2	LB/A	2	LB/A	4-5 LF								
5	Newpath	0.0625	LB A/A	4	FL OZ/A	1-2 LF	94 a	98 a	81 a	90 a	90 a	79 a	23 a	78 a
	Agri-Dex	1	% V/V	1	% V/V	1-2 LF								
	Newpath	0.0625	LB A/A	4	FL OZ/A	4-5 LF								
	Agri-Dex	1	% V/V	1	% V/V	4-5 LF								
6	Nontreated						0 b	0 b	0 b	0 b	0 b	0 b	0 a	0 b
LSD (P=.05)							3.2	0.0	14.4	0.0	4.9	8.6	23.6	6.9
Standard Deviation							2.1	0.0	9.5	0.0	3.3	5.7	15.6	4.6
CV							2.7	0.0	15.05	0.0	4.39	8.85	98.75	7.07
Grand Mean							78.71	81.67	63.33	75.0	74.79	64.38	15.83	65.0

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Pest Code							INJURY	INJURY	INJURY	INJURY
Rating Date							24/5/10	7/6/10	21/6/10	7/7/10
Rating Data Type										
Rating Unit							%	%	%	%
Trt-Eval Interval							12 DAT	26 DAT	40 DAT	56 DAT
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	17	18	19	20
1	Newpath pH 5.0	0.0625	LB A/A	4	FL OZ/A	1-2 LF	0 a	0 a	0 a	0 a
	Agri-Dex	1	% V/V	1	% V/V	1-2 LF				
	Newpath pH 5.0	0.0625	LB A/A	4	FL OZ/A	4-5 LF				
	Agri-Dex	1	% V/V	1	% V/V	4-5 LF				
2	Newpath pH 7.0	0.0625	LB A/A	4	FL OZ/A	1-2 LF	0 a	0 a	0 a	0 a
	Agri-Dex	1	% V/V	1	% V/V	1-2 LF				
	Newpath pH 7.0	0.0625	LB A/A	4	FL OZ/A	4-5 LF				
	Agri-Dex	1	% V/V	1	% V/V	4-5 LF				
3	Newpath pH 9.0	0.0625	LB A/A	4	FL OZ/A	1-2 LF	0 a	0 a	0 a	0 a
	Agri-Dex	1	% V/V	1	% V/V	1-2 LF				
	Newpath pH 9.0	0.0625	LB A/A	4	FL OZ/A	4-5 LF				
	Agri-Dex	1	% V/V	1	% V/V	4-5 LF				
4	Newpath	0.0625	LB A/A	4	FL OZ/A	1-2 LF	0 a	0 a	0 a	0 a
	Agri-Dex	1	% V/V	1	% V/V	1-2 LF				
	AMS	2	LB/A	2	LB/A	1-2 LF				
	Newpath	0.0625	LB A/A	4	FL OZ/A	4-5 LF				
	Agri-Dex	1	% V/V	1	% V/V	4-5 LF				
	AMS	2	LB/A	2	LB/A	4-5 LF				
5	Newpath	0.0625	LB A/A	4	FL OZ/A	1-2 LF	0 a	0 a	0 a	0 a
	Agri-Dex	1	% V/V	1	% V/V	1-2 LF				
	Newpath	0.0625	LB A/A	4	FL OZ/A	4-5 LF				
	Agri-Dex	1	% V/V	1	% V/V	4-5 LF				
6	Nontreated						0 a	0 a	0 a	0 a
LSD (P=.05)							0.0	0.0	0.0	0.0
Standard Deviation							0.0	0.0	0.0	0.0
CV							0.0	0.0	0.0	0.0
Grand Mean							0.0	0.0	0.0	0.0

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Effects of pH on Beyond

Experiment number	**C10-46**
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
Planting date	4/1/10
Harvest date	N/A
Crop/Variety	CL131
Emergence date	4/19/10
Uniform std. treatment	N/A

Application type	1-2LF	4-5LF	E Post Flood
Date applied [mm/dd/yy]	04/21/10	05/10/10	06/01/10
Time [hh:mm-hh:mm]	3:00-3:05P	10:45-10:50A	9:20-9:30A
Incorporation equip./Depth:	N/A	N/A	N/A
Air/Soil temperature [F]	90/80	82/74	86/80
Relative humidity [%]	66	77	82
Wind [mph, direction]	2-4,ESE	5-7, S	1-2,SSW
Weather [sunny, etc]	sunny	sunny	sunny
Soil/Leaf surface moist	moist/dry	dry/dry	flood/dry
Crop stage/Height	1-2lf/1-2"	4-5lf/6-8"	2-4till/12-18"
Sprayer type/MPH	CO_2BkPk/3	CO_2BkPk/3	CO_2BkPk/3
Nozzle type/Size*	AMFF/110015	AMFF/110015	AMFF/110015
Boom ht/# Noz/Spacing	15/5/15	15/5/15	15/5/15
GPA/PSI	15/24	15/25	15/25
Applied by	TPC	EPW	TPC

Weed Species (population)	---------- (height/#leaves) ----------	
BRAPP(100-300m^{-2})	½-1"/1-3lf	
CYPES(50-100m^{-2})	3-6"/3-5lf	
CYPIR(50-100m^{-2})……..	½-1"/2-4lf	
ECHCG(30-50m^{-2})	¼-½"/1-2lf	
ECLAL(30-50m^{-2})		6-12"/7-12lf
LEFPA(20-40m^{-2})		4-8"/4lf-2till
SEBEX(3-5m^{-2})		8-12"/5-7lf

Flush Dates	4/7, 4/15, 4/29, 5/13
Permanent Flood	5/27

*AMFF – Air mix flat fan nozzles

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Effects of pH on Beyond

Trial ID: C10-46 Protocol ID: C10-46
Location: RRS-Crowley, LA Study Director:
Investigator: Eric P. Webster

Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	2	3	5	6
Pest Code							BRAPP	BRAPP	ECHCG	ECHCG
Rating Date							7/6/10	21/6/10	7/6/10	21/6/10
Rating Data Type							Control	Control	Control	Control
Rating Unit							%	%	%	%
Trt-Eval Interval							6 DAT	20 DAT	6 DAT	20 DAT
1	Newpath	0.0625	LB A/A	4	FL OZ/A	1-2 LF	95 a	95 a	95 a	94 a
	Agri-Dex	1	% V/V	1	% V/V	1-2 LF				
	Newpath	0.0625	LB A/A	4	FL OZ/A	4-5 LF				
	Agri-Dex	1	% V/V	1	% V/V	4-5 LF				
	Beyond pH 5.0	0.039	LB A/A	5	FL OZ/A	E POSTFLOOD				
	Agri-Dex	1	% V/V	1	% V/V	E POSTFLOOD				
2	Newpath	0.0625	LB A/A	4	FL OZ/A	1-2 LF	95 a	94 a	95 a	90 a
	Agri-Dex	1	% V/V	1	% V/V	1-2 LF				
	Newpath	0.0625	LB A/A	4	FL OZ/A	4-5 LF				
	Agri-Dex	1	% V/V	1	% V/V	4-5 LF				
	Beyond pH 7.0	0.039	LB A/A	5	FL OZ/A	E POSTFLOOD				
	Agri-Dex	1	% V/V	1	% V/V	E POSTFLOOD				
3	Newpath	0.0625	LB A/A	4	FL OZ/A	1-2 LF	95 a	94 a	95 a	94 a
	Agri-Dex	1	% V/V	1	% V/V	1-2 LF				
	Newpath	0.0625	LB A/A	4	FL OZ/A	4-5 LF				
	Agri-Dex	1	% V/V	1	% V/V	4-5 LF				
	Beyond pH 9.0	0.039	LB A/A	5	FL OZ/A	E POSTFLOOD				
	Agri-Dex	1	% V/V	1	% V/V	E POSTFLOOD				
4	Newpath	0.0625	LB A/A	4	FL OZ/A	1-2 LF	95 a	94 a	95 a	95 a
	Agri-Dex	1	% V/V	1	% V/V	1-2 LF				
	Newpath	0.0625	LB A/A	4	FL OZ/A	4-5 LF				
	Agri-Dex	1	% V/V	1	% V/V	4-5 LF				
	Beyond	0.039	LB A/A	5	FL OZ/A	E POSTFLOOD				
	Agri-Dex	1	% V/V	1	% V/V	E POSTFLOOD				
	AMS	2	LB/A	2	LB/A	E POSTFLOOD				
5	Newpath	0.0625	LB A/A	4	FL OZ/A	1-2 LF	95 a	91 a	95 a	91 a
	Agri-Dex	1	% V/V	1	% V/V	1-2 LF				
	Newpath	0.0625	LB A/A	4	FL OZ/A	4-5 LF				
	Agri-Dex	1	% V/V	1	% V/V	4-5 LF				
	Beyond	0.039	LB A/A	5	FL OZ/A	E POSTFLOOD				
	Agri-Dex	1	% V/V	1	% V/V	E POSTFLOOD				
6	Nontreated						95 a	85 b	95 a	89 a
	Newpath	0.0625	LB A/A	4	FL OZ/A	1-2 LF				
	Agri-Dex	1	% V/V	1	% V/V	1-2 LF				
	Newpath	0.0625	LB A/A	4	FL OZ/A	4-5 LF				
	Agri-Dex	1	% V/V	1	% V/V	4-5 LF				
LSD (P=.05)							0.0	5.3	0.0	4.4
Standard Deviation							0.0	3.5	0.0	2.9
CV							0.0	3.84	0.0	3.19
Grand Mean							95.0	92.08	95.0	92.08

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Pest Code							CYPES	CYPES	INJURY	INJURY
Rating Date							7/6/10	21/6/10	7/6/10	21/6/10
Rating Data Type							Control	Control		
Rating Unit							%	%	%	%
Trt-Eval Interval							6 DAT	20 DAT	6 DAT	20 DAT
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	8	9	11	12
1	Newpath	0.0625	LB A/A	4	FL OZ/A	1-2 LF	95 a	94 a	0 a	0 a
	Agri-Dex	1	% V/V	1	% V/V	1-2 LF				
	Newpath	0.0625	LB A/A	4	FL OZ/A	4-5 LF				
	Agri-Dex	1	% V/V	1	% V/V	4-5 LF				
	Beyond pH 5.0	0.039	LB A/A	5	FL OZ/A	E POSTFLOOD				
	Agri-Dex	1	% V/V	1	% V/V	E POSTFLOOD				
2	Newpath	0.0625	LB A/A	4	FL OZ/A	1-2 LF	95 a	93 a	0 a	0 a
	Agri-Dex	1	% V/V	1	% V/V	1-2 LF				
	Newpath	0.0625	LB A/A	4	FL OZ/A	4-5 LF				
	Agri-Dex	1	% V/V	1	% V/V	4-5 LF				
	Beyond pH 7.0	0.039	LB A/A	5	FL OZ/A	E POSTFLOOD				
	Agri-Dex	1	% V/V	1	% V/V	E POSTFLOOD				
3	Newpath	0.0625	LB A/A	4	FL OZ/A	1-2 LF	95 a	93 a	0 a	0 a
	Agri-Dex	1	% V/V	1	% V/V	1-2 LF				
	Newpath	0.0625	LB A/A	4	FL OZ/A	4-5 LF				
	Agri-Dex	1	% V/V	1	% V/V	4-5 LF				
	Beyond pH 9.0	0.039	LB A/A	5	FL OZ/A	E POSTFLOOD				
	Agri-Dex	1	% V/V	1	% V/V	E POSTFLOOD				
4	Newpath	0.0625	LB A/A	4	FL OZ/A	1-2 LF	95 a	93 a	0 a	0 a
	Agri-Dex	1	% V/V	1	% V/V	1-2 LF				
	Newpath	0.0625	LB A/A	4	FL OZ/A	4-5 LF				
	Agri-Dex	1	% V/V	1	% V/V	4-5 LF				
	Beyond	0.039	LB A/A	5	FL OZ/A	E POSTFLOOD				
	Agri-Dex	1	% V/V	1	% V/V	E POSTFLOOD				
	AMS	2	LB/A	2	LB/A	E POSTFLOOD				
5	Newpath	0.0625	LB A/A	4	FL OZ/A	1-2 LF	95 a	94 a	0 a	0 a
	Agri-Dex	1	% V/V	1	% V/V	1-2 LF				
	Newpath	0.0625	LB A/A	4	FL OZ/A	4-5 LF				
	Agri-Dex	1	% V/V	1	% V/V	4-5 LF				
	Beyond	0.039	LB A/A	5	FL OZ/A	E POSTFLOOD				
	Agri-Dex	1	% V/V	1	% V/V	E POSTFLOOD				
6	Nontreated						95 a	91 a	0 a	0 a
	Newpath	0.0625	LB A/A	4	FL OZ/A	1-2 LF				
	Agri-Dex	1	% V/V	1	% V/V	1-2 LF				
	Newpath	0.0625	LB A/A	4	FL OZ/A	4-5 LF				
	Agri-Dex	1	% V/V	1	% V/V	4-5 LF				
LSD (P=.05)							0.0	5.1	0.0	0.0
Standard Deviation							0.0	3.4	0.0	0.0
CV							0.0	3.63	0.0	0.0
Grand Mean							95.0	92.71	0.0	0.0

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Ricestar HT Plus Broadhead Weed Control Programs

Experiment number	**C10-47**
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
Planting date	4/1/10
Harvest date	N/A
Crop/Variety	CL131
Emergence date	4/19/10
Uniform std. treatment	N/A

Application type	PRE	MPOST
Date applied [mm/dd/yy]	04/02/10	05/03/10
Time [hh:mm-hh:mm]	10:21-10:30A	2:00-2:15P
Incorporation equip./Depth:	N/A	N/A
Air/Soil temperature [F]	74/62	90/80
Relative humidity [%]	83	50
Wind [mph, direction]	5-7,S	4-7,E
Weather [sunny, etc]	sunny	sunny
Soil/Leaf surface moist	dry/N/A	wet/dry
Crop stage/Height	N/A	3-4lf/3-6"
Sprayer type/MPH	CO_2BkPk/3	CO_2BkPk/3
Nozzle type/Size*	AMFF/110015	AMFF/110015
Boom ht/# Noz/Spacing	15/5/15	15/5/15
GPA/PSI	15/22	15/25
Applied by	TPC	EPW

Weed Species (population)	---------- (height/#leaves) ----------
AESIN(5-10m^{-2})	2-4"/2-4lf
ALRPH(5-10m^{-2})	3-12"/3-12lf
BRAPP(200-300m^{-2})	½-4"/2-5lf
ECHCG(75-100m^{-2})	½-4"/2-4lf
ECLAL(20-40m^{-2})	1-2"/2-3lf
SEBEX(5-10m^{-2})	2-4"/2-4lf

Flush Dates	4/7, 4/15, 4/29, 5/13
Permanent Flood	5/27

*AMFF – Air mix flat fan nozzles

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Ricestar HT Plus Broadhead Weed Control Programs

Trial ID: C10-47 Protocol ID: C10-47
Location: RRS-Crowley, LA Study Director: Eric P. Webster
Investigator: Eric P. Webster

Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	1	2	3	4
	Pest Code						BRAPP	BRAPP	BRAPP	BRAPP
	Rating Date						18/5/10	24/5/10	8/6/10	21/6/10
	Rating Data Type						Control	Control	Control	Control
	Rating Unit						%	%	%	%
	Trt-Eval Interval						15 da MPOST	21 da MPOST	36 da MPOST	49 da MPOST
1	No Command						0 d	0 b	0 d	0 e
	No Ricestar HT									
	No Broadhead									
2	No Command						83 bc	95 a	90 bc	40 d
	No Ricestar HT									
	Broadhead	0.394	LB A/A	9	OZ WT/A	MPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	MPOST				
3	No Command						85 abc	93 a	90 bc	80 abc
	Ricestar HT	0.077	LB A/A	17	FL OZ/A	MPOST				
	No Broadhead									
4	No Command						81 c	94 a	90 bc	69 c
	Ricestar HT	0.077	LB A/A	17	FL OZ/A	MPOST				
	Broadhead	0.394	LB A/A	9	OZ WT/A	MPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	MPOST				
5	No Command						93 a	95 a	88 c	83 abc
	Ricestar HT	0.109	LB A/A	24	FL OZ/A	MPOST				
	No Broadhead									
6	No Command						89 abc	95 a	94 a	83 abc
	Ricestar HT	0.109	LB A/A	24	FL OZ/A	MPOST				
	Broadhead	0.394	LB A/A	9	OZ WT/A	MPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	MPOST				
7	Command	0.375	LB A/A	1	PT/A	PRE	88 abc	93 a	90 bc	73 bc
	No Ricestar HT									
	No Broadhead									
8	Command	0.375	LB A/A	1	PT/A	PRE	90 ab	93 a	91 ab	80 abc
	No Ricestar HT									
	Broadhead	0.394	LB A/A	9	OZ WT/A	MPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	MPOST				
9	Command	0.375	LB A/A	1	PT/A	PRE	92 a	93 a	90 bc	83 abc
	Ricestar HT	0.077	LB A/A	17	FL OZ/A	MPOST				
	No Broadhead									
10	Command	0.375	LB A/A	1	PT/A	PRE	90 ab	94 a	94 a	85 ab
	Ricestar HT	0.077	LB A/A	17	FL OZ/A	MPOST				
	Broadhead	0.394	LB A/A	9	OZ WT/A	MPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	MPOST				
11	Command	0.375	LB A/A	1	PT/A	PRE	92 a	93 a	91 ab	83 abc
	Ricestar HT	0.109	LB A/A	24	FL OZ/A	MPOST				
	No Broadhead									
12	Command	0.375	LB A/A	1	PT/A	PRE	90 ab	95 a	93 ab	89 a
	Ricestar HT	0.109	LB A/A	24	FL OZ/A	MPOST				
	Broadhead	0.394	LB A/A	9	OZ WT/A	MPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	MPOST				
	LSD (P=.05)						8.0	3.5	2.9	14.6
	Standard Deviation						5.5	2.4	2.0	10.1
	CV						6.86	2.85	2.45	14.33
	Grand Mean						80.92	85.75	83.33	70.42

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Pest Code							ECHCG	ECHCG	ECHCG	ECHCG
Rating Date							18/5/10	24/5/10	8/6/10	21/6/10
Rating Data Type							Control	Control	Control	Control
Rating Unit							%	%	%	%
Trt-Eval Interval							15 da MPOST	21 da MPOST	36 da MPOST	49 da MPOST
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	5	6	7	8
1	No Command						0 d	0 c	0 d	0 e
	No Ricestar HT									
	No Broadhead									
2	No Command						84 bc	93 ab	90 bc	40 d
	No Ricestar HT									
	Broadhead	0.394	LB A/A	9	OZ WT/A	MPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	MPOST				
3	No Command						85 abc	95 ab	90 bc	80 abc
	Ricestar HT	0.077	LB A/A	17	FL OZ/A	MPOST				
	No Broadhead									
4	No Command						81 c	95 ab	90 bc	68 c
	Ricestar HT	0.077	LB A/A	17	FL OZ/A	MPOST				
	Broadhead	0.394	LB A/A	9	OZ WT/A	MPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	MPOST				
5	No Command						93 a	94 ab	88 c	83 ab
	Ricestar HT	0.109	LB A/A	24	FL OZ/A	MPOST				
	No Broadhead									
6	No Command						89 abc	96 a	94 a	79 abc
	Ricestar HT	0.109	LB A/A	24	FL OZ/A	MPOST				
	Broadhead	0.394	LB A/A	9	OZ WT/A	MPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	MPOST				
7	Command	0.375	LB A/A	1	PT/A	PRE	90 ab	93 b	90 bc	71 bc
	No Ricestar HT									
	No Broadhead									
8	Command	0.375	LB A/A	1	PT/A	PRE	90 ab	95 ab	91 ab	76 abc
	No Ricestar HT									
	Broadhead	0.394	LB A/A	9	OZ WT/A	MPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	MPOST				
9	Command	0.375	LB A/A	1	PT/A	PRE	92 a	94 ab	90 bc	83 ab
	Ricestar HT	0.077	LB A/A	17	FL OZ/A	MPOST				
	No Broadhead									
10	Command	0.375	LB A/A	1	PT/A	PRE	91 ab	95 ab	94 a	83 ab
	Ricestar HT	0.077	LB A/A	17	FL OZ/A	MPOST				
	Broadhead	0.394	LB A/A	9	OZ WT/A	MPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	MPOST				
11	Command	0.375	LB A/A	1	PT/A	PRE	92 a	94 ab	91 ab	83 ab
	Ricestar HT	0.109	LB A/A	24	FL OZ/A	MPOST				
	No Broadhead									
12	Command	0.375	LB A/A	1	PT/A	PRE	92 a	94 ab	93 ab	86 a
	Ricestar HT	0.109	LB A/A	24	FL OZ/A	MPOST				
	Broadhead	0.394	LB A/A	9	OZ WT/A	MPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	MPOST				
LSD (P=.05)							7.8	2.9	2.9	14.7
Standard Deviation							5.4	2.0	2.0	10.2
CV							6.59	2.34	2.45	14.68
Grand Mean							81.54	86.38	83.33	69.17

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

LSU AgCenter
School of Plant, Environmental and Soil Sciences

Pest Code							AESIN	AESIN	AESIN	AESIN
Rating Date							18/5/10	24/5/10	8/6/10	21/6/10
Rating Data Type							Control	Control	Control	Control
Rating Unit							%	%	%	%
Trt-Eval Interval							15 da MPOST	21 da MPOST	36 da MPOST	49 da MPOST
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	9	10	11	12
1	No Command						0 d	0 c	0 b	0 c
	No Ricestar HT									
	No Broadhead									
2	No Command						97 a	95 a	90 a	90 a
	No Ricestar HT									
	Broadhead	0.394	LB A/A	9	OZ WT/A	MPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	MPOST				
3	No Command						10 c	10 b	0 b	0 c
	Ricestar HT	0.077	LB A/A	17	FL OZ/A	MPOST				
	No Broadhead									
4	No Command						98 a	97 a	90 a	85 a
	Ricestar HT	0.077	LB A/A	17	FL OZ/A	MPOST				
	Broadhead	0.394	LB A/A	9	OZ WT/A	MPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	MPOST				
5	No Command						10 c	10 b	0 b	0 c
	Ricestar HT	0.109	LB A/A	24	FL OZ/A	MPOST				
	No Broadhead									
6	No Command						98 a	97 a	90 a	90 a
	Ricestar HT	0.109	LB A/A	24	FL OZ/A	MPOST				
	Broadhead	0.394	LB A/A	9	OZ WT/A	MPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	MPOST				
7	Command	0.375	LB A/A	1	PT/A	PRE	13 b	10 b	0 b	0 c
	No Ricestar HT									
	No Broadhead									
8	Command	0.375	LB A/A	1	PT/A	PRE	97 a	97 a	90 a	85 a
	No Ricestar HT									
	Broadhead	0.394	LB A/A	9	OZ WT/A	MPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	MPOST				
9	Command	0.375	LB A/A	1	PT/A	PRE	10 c	10 b	0 b	0 c
	Ricestar HT	0.077	LB A/A	17	FL OZ/A	MPOST				
	No Broadhead									
10	Command	0.375	LB A/A	1	PT/A	PRE	98 a	97 a	89 a	85 a
	Ricestar HT	0.077	LB A/A	17	FL OZ/A	MPOST				
	Broadhead	0.394	LB A/A	9	OZ WT/A	MPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	MPOST				
11	Command	0.375	LB A/A	1	PT/A	PRE	10 c	10 b	0 b	0 c
	Ricestar HT	0.109	LB A/A	24	FL OZ/A	MPOST				
	No Broadhead									
12	Command	0.375	LB A/A	1	PT/A	PRE	98 a	95 a	88 a	78 b
	Ricestar HT	0.109	LB A/A	24	FL OZ/A	MPOST				
	Broadhead	0.394	LB A/A	9	OZ WT/A	MPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	MPOST				
LSD (P=.05)							2.2	2.2	3.4	7.5
Standard Deviation							1.5	1.5	2.3	5.2
CV							2.91	2.93	5.22	12.13
Grand Mean							53.25	52.21	44.69	42.71

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

LSU AgCenter
School of Plant, Environmental and Soil Sciences

Pest Code							SEBEX	SEBEX	SEBEX	SEBEX
Rating Date							11/5/10	24/5/10	8/6/10	21/6/10
Rating Data Type							Control	Control	Control	Control
Rating Unit							%	%	%	%
Trt-Eval Interval							15 da MPOST	21 da MPOST	36 da MPOST	49 da MPOST
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	13	14	15	16
1	No Command						0 d	0 c	0 b	0 b
	No Ricestar HT									
	No Broadhead									
2	No Command						97 a	96 a	90 a	90 a
	No Ricestar HT									
	Broadhead	0.394	LB A/A	9	OZ WT/A	MPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	MPOST				
3	No Command						10 c	10 b	0 b	0 b
	Ricestar HT	0.077	LB A/A	17	FL OZ/A	MPOST				
	No Broadhead									
4	No Command						98 a	95 a	90 a	88 a
	Ricestar HT	0.077	LB A/A	17	FL OZ/A	MPOST				
	Broadhead	0.394	LB A/A	9	OZ WT/A	MPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	MPOST				
5	No Command						10 c	10 b	0 b	0 b
	Ricestar HT	0.109	LB A/A	24	FL OZ/A	MPOST				
	No Broadhead									
6	No Command						98 a	95 a	88 a	90 a
	Ricestar HT	0.109	LB A/A	24	FL OZ/A	MPOST				
	Broadhead	0.394	LB A/A	9	OZ WT/A	MPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	MPOST				
7	Command	0.375	LB A/A	1	PT/A	PRE	13 b	10 b	0 b	0 b
	No Ricestar HT									
	No Broadhead									
8	Command	0.375	LB A/A	1	PT/A	PRE	97 a	97 a	90 a	88 a
	No Ricestar HT									
	Broadhead	0.394	LB A/A	9	OZ WT/A	MPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	MPOST				
9	Command	0.375	LB A/A	1	PT/A	PRE	10 c	10 b	0 b	0 b
	Ricestar HT	0.077	LB A/A	17	FL OZ/A	MPOST				
	No Broadhead									
10	Command	0.375	LB A/A	1	PT/A	PRE	98 a	95 a	89 a	88 a
	Ricestar HT	0.077	LB A/A	17	FL OZ/A	MPOST				
	Broadhead	0.394	LB A/A	9	OZ WT/A	MPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	MPOST				
11	Command	0.375	LB A/A	1	PT/A	PRE	10 c	10 b	0 b	0 b
	Ricestar HT	0.109	LB A/A	24	FL OZ/A	MPOST				
	No Broadhead									
12	Command	0.375	LB A/A	1	PT/A	PRE	98 a	96 a	88 a	90 a
	Ricestar HT	0.109	LB A/A	24	FL OZ/A	MPOST				
	Broadhead	0.394	LB A/A	9	OZ WT/A	MPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	MPOST				
LSD (P=.05)							2.2	2.5	4.0	3.0
Standard Deviation							1.5	1.7	2.8	2.1
CV							2.91	3.34	6.25	4.63
Grand Mean							53.25	51.85	44.48	44.38

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

LSU AgCenter
School of Plant, Environmental and Soil Sciences

Pest Code							ECLAL	ECLAL	ECLAL	ALRPH
Rating Date							18/5/10	8/6/10	21/6/10	18/5/10
Rating Data Type							Control	Control	Control	Control
Rating Unit							%	%	%	%
Trt-Eval Interval							15 da MPOST	36 da MPOST	49 da MPOST	15 da MPOST
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	17	18	19	20
1	No Command						0 d	0 c	0 c	0 f
	No Ricestar HT									
	No Broadhead									
2	No Command						96 a	90 a	86 ab	91 a
	No Ricestar HT									
	Broadhead	0.394	LB A/A	9	OZ WT/A	MPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	MPOST				
3	No Command						10 c	0 c	0 c	10 e
	Ricestar HT	0.077	LB A/A	17	FL OZ/A	MPOST				
	No Broadhead									
4	No Command						94 b	84 ab	83 ab	85 b
	Ricestar HT	0.077	LB A/A	17	FL OZ/A	MPOST				
	Broadhead	0.394	LB A/A	9	OZ WT/A	MPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	MPOST				
5	No Command						10 c	0 c	0 c	10 e
	Ricestar HT	0.109	LB A/A	24	FL OZ/A	MPOST				
	No Broadhead									
6	No Command						97 a	78 b	80 b	85 b
	Ricestar HT	0.109	LB A/A	24	FL OZ/A	MPOST				
	Broadhead	0.394	LB A/A	9	OZ WT/A	MPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	MPOST				
7	Command	0.375	LB A/A	1	PT/A	PRE	10 c	0 c	0 c	10 e
	No Ricestar HT									
	No Broadhead									
8	Command	0.375	LB A/A	1	PT/A	PRE	97 a	78 b	85 ab	80 cd
	No Ricestar HT									
	Broadhead	0.394	LB A/A	9	OZ WT/A	MPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	MPOST				
9	Command	0.375	LB A/A	1	PT/A	PRE	10 c	0 c	0 c	10 e
	Ricestar HT	0.077	LB A/A	17	FL OZ/A	MPOST				
	No Broadhead									
10	Command	0.375	LB A/A	1	PT/A	PRE	97 a	81 b	85 ab	83 bc
	Ricestar HT	0.077	LB A/A	17	FL OZ/A	MPOST				
	Broadhead	0.394	LB A/A	9	OZ WT/A	MPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	MPOST				
11	Command	0.375	LB A/A	1	PT/A	PRE	10 c	0 c	0 c	10 e
	Ricestar HT	0.109	LB A/A	24	FL OZ/A	MPOST				
	No Broadhead									
12	Command	0.375	LB A/A	1	PT/A	PRE	97 a	85 ab	90 a	78 d
	Ricestar HT	0.109	LB A/A	24	FL OZ/A	MPOST				
	Broadhead	0.394	LB A/A	9	OZ WT/A	MPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	MPOST				
LSD (P=.05)							1.9	7.5	7.5	4.8
Standard Deviation							1.3	5.2	5.2	3.3
CV							2.56	12.63	12.32	7.26
Grand Mean							52.13	41.25	42.4	45.94

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

LSU AgCenter
School of Plant, Environmental and Soil Sciences

Pest Code							ALRPH	ALRPH	ALRPH	INJURY
Rating Date							24/5/10	8/6/10	21/6/10	18/5/10
Rating Data Type							Control	Control	Control	
Rating Unit							%	%	%	%
Trt-Eval Interval							21 da MPOST	36 da MPOST	49 da MPOST	15 da MPOST
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	21	22	23	24
1	No Command						0 c	0 c	0 b	0 a
	No Ricestar HT									
	No Broadhead									
2	No Command						95 a	90 a	75 a	0 a
	No Ricestar HT									
	Broadhead	0.394	LB A/A	9	OZ WT/A	MPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	MPOST				
3	No Command						10 b	0 c	0 b	0 a
	Ricestar HT	0.077	LB A/A	17	FL OZ/A	MPOST				
	No Broadhead									
4	No Command						96 a	84 ab	70 a	0 a
	Ricestar HT	0.077	LB A/A	17	FL OZ/A	MPOST				
	Broadhead	0.394	LB A/A	9	OZ WT/A	MPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	MPOST				
5	No Command						10 b	0 c	0 b	0 a
	Ricestar HT	0.109	LB A/A	24	FL OZ/A	MPOST				
	No Broadhead									
6	No Command						95 a	80 b	73 a	0 a
	Ricestar HT	0.109	LB A/A	24	FL OZ/A	MPOST				
	Broadhead	0.394	LB A/A	9	OZ WT/A	MPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	MPOST				
7	Command	0.375	LB A/A	1	PT/A	PRE	10 b	0 c	0 b	0 a
	No Ricestar HT									
	No Broadhead									
8	Command	0.375	LB A/A	1	PT/A	PRE	95 a	78 b	75 a	0 a
	No Ricestar HT									
	Broadhead	0.394	LB A/A	9	OZ WT/A	MPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	MPOST				
9	Command	0.375	LB A/A	1	PT/A	PRE	10 b	0 c	0 b	0 a
	Ricestar HT	0.077	LB A/A	17	FL OZ/A	MPOST				
	No Broadhead									
10	Command	0.375	LB A/A	1	PT/A	PRE	94 a	81 b	70 a	0 a
	Ricestar HT	0.077	LB A/A	17	FL OZ/A	MPOST				
	Broadhead	0.394	LB A/A	9	OZ WT/A	MPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	MPOST				
11	Command	0.375	LB A/A	1	PT/A	PRE	10 b	0 c	0 b	0 a
	Ricestar HT	0.109	LB A/A	24	FL OZ/A	MPOST				
	No Broadhead									
12	Command	0.375	LB A/A	1	PT/A	PRE	94 a	85 ab	69 a	0 a
	Ricestar HT	0.109	LB A/A	24	FL OZ/A	MPOST				
	Broadhead	0.394	LB A/A	9	OZ WT/A	MPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	MPOST				
LSD (P=.05)							2.1	7.9	10.1	0.0
Standard Deviation							1.5	5.5	7.0	0.0
CV							2.89	13.21	19.4	0.0
Grand Mean							51.44	41.46	35.94	0.0

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

LSU AgCenter
School of Plant, Environmental and Soil Sciences

Pest Code							INJURY	INJURY	INJURY
Rating Date							24/5/10	8/6/10	21/6/10
Rating Data Type									
Rating Unit							%	%	%
Trt-Eval Interval							21 da MPOST	36 da MPOST	49 da MPOST
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	25	26	27
1	No Command						0 a	0 a	0 a
	No Ricestar HT								
	No Broadhead								
2	No Command						0 a	0 a	0 a
	No Ricestar HT								
	Broadhead	0.394	LB A/A	9	OZ WT/A	MPOST			
	Agri-Dex	1	% V/V	19.2	FL OZ/A	MPOST			
3	No Command						0 a	0 a	0 a
	Ricestar HT	0.077	LB A/A	17	FL OZ/A	MPOST			
	No Broadhead								
4	No Command						0 a	0 a	0 a
	Ricestar HT	0.077	LB A/A	17	FL OZ/A	MPOST			
	Broadhead	0.394	LB A/A	9	OZ WT/A	MPOST			
	Agri-Dex	1	% V/V	19.2	FL OZ/A	MPOST			
5	No Command						0 a	0 a	0 a
	Ricestar HT	0.109	LB A/A	24	FL OZ/A	MPOST			
	No Broadhead								
6	No Command						0 a	0 a	0 a
	Ricestar HT	0.109	LB A/A	24	FL OZ/A	MPOST			
	Broadhead	0.394	LB A/A	9	OZ WT/A	MPOST			
	Agri-Dex	1	% V/V	19.2	FL OZ/A	MPOST			
7	Command	0.375	LB A/A	1	PT/A	PRE	0 a	0 a	0 a
	No Ricestar HT								
	No Broadhead								
8	Command	0.375	LB A/A	1	PT/A	PRE	0 a	0 a	0 a
	No Ricestar HT								
	Broadhead	0.394	LB A/A	9	OZ WT/A	MPOST			
	Agri-Dex	1	% V/V	19.2	FL OZ/A	MPOST			
9	Command	0.375	LB A/A	1	PT/A	PRE	0 a	0 a	0 a
	Ricestar HT	0.077	LB A/A	17	FL OZ/A	MPOST			
	No Broadhead								
10	Command	0.375	LB A/A	1	PT/A	PRE	0 a	0 a	0 a
	Ricestar HT	0.077	LB A/A	17	FL OZ/A	MPOST			
	Broadhead	0.394	LB A/A	9	OZ WT/A	MPOST			
	Agri-Dex	1	% V/V	19.2	FL OZ/A	MPOST			
11	Command	0.375	LB A/A	1	PT/A	PRE	0 a	0 a	0 a
	Ricestar HT	0.109	LB A/A	24	FL OZ/A	MPOST			
	No Broadhead								
12	Command	0.375	LB A/A	1	PT/A	PRE	0 a	0 a	0 a
	Ricestar HT	0.109	LB A/A	24	FL OZ/A	MPOST			
	Broadhead	0.394	LB A/A	9	OZ WT/A	MPOST			
	Agri-Dex	1	% V/V	19.2	FL OZ/A	MPOST			
LSD (P=.05)							0.0	0.0	0.0
Standard Deviation							0.0	0.0	0.0
CV							0.0	0.0	0.0
Grand Mean							0.0	0.0	0.0

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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F7436-13 (clomozone/quinclorac premix) on Clearfield Rice

Experiment number	**C10-48**
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
Planting date	4/1/10
Harvest date	N/A
Crop/Variety	CL131
Emergence date	4/19/10
Uniform std. treatment	N/A

Application type	PRE	1-2LF	3-4LF
Date applied [mm/dd/yy]	04/02/10	04/21/10	05/03/10
Time [hh:mm-hh:mm]	10:30-10:35A	3:05-3:10P	1:15-1:30P
Incorporation equip./Depth:	N/A	N/A	N/A
Air/Soil temperature [F]	74/62	90/80	90/80
Relative humidity [%]	83	66	50
Wind [mph, direction]	5-7,S	2-4,ESE	4-7,E
Weather [sunny, etc]	sunny	sunny	sunny
Soil/Leaf surface moist	dry/N/A	moist/dry	wet/dry
Crop stage/Height	N/A	1-2lf/1-2"	3-4lf/3-6"
Sprayer type/MPH	CO_2BkPk/3	CO_2BkPk/3	CO_2BkPk/3
Nozzle type/Size*	AMFF/110015	AMFF/110015	AMFF/110015
Boom ht/# Noz/Spacing	15/5/15	15/5/15	15/5/15
GPA/PSI	15/22	15/24	15/25
Applied by	TPC	TPC	EPW

Weed Species (population)	---------- (height/#leaves) ----------	
AESIN(30-50m^{-2})	½-1"/cot-2lf	2-4"/2-5lf
ALRPH(3-10m^{-2})	2-6"/2-6lf	3-12"/3-12lf
BRAPP(100-300m^{-2})	½-1"/1-3lf	¼-2"/1-4lf
CNPPA(10-20m^{-2})		½-2"/cot-1lf
ECHCG(30-50m^{-2})……	¼-½"/1-2lf	¼-2"/1-3lf
SEBEX(10-20m^{-2})	½-1"/cot-2lf	2-4"/2-5lf

Flush Dates	4/7, 4/15, 4/29, 5/13
Permanent Flood	5/27

*AMFF – Air mix flat fan nozzles

LSU AgCenter
School of Plant, Environmental and Soil Sciences

F7436-13 (clomozone/quinclorac premix) on Clearfield Rice

Trial ID: C10-48 Protocol ID: C10-48
Location: RRS-Crowley, LA Study Director:
Investigator: Eric P. Webster

Pest Code							BRAPP	BRAPP	BRAPP	BRAPP	ECHCG	ECHCG
Rating Date							19/5/10	24/5/10	8/6/10	21/6/10	19/5/10	24/5/10
Rating Data Type							Control	Control	Control	Control	Control	Control
Rating Unit							%	%	%	%	%	%
Trt-Eval Interval							16 da 3-4LF	21 da 3-4LF	36 da 3-4LF	49 da 3-4LF	16 da 3-4LF	21 da 3-4LF
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	1	2	3	4	5	6
1	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	98 a	98 a	98 a	98 a	98 a	98 a
	Newpath	0.0625	LB A/A	4	FL OZ/A	1-2 LF						
	Newpath	0.0625	LB A/A	4	FL OZ/A	3-4 LF						
	F7436-13	0.75	LB A/A	40	FL OZ/A	3-4 LF						
	Agri-Dex	1	% V/V	19.2	FL OZ/A	3-4 LF						
2	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	96 b	97 a	97 b	97 b	96 b	97 a
	Newpath	0.0625	LB A/A	4	FL OZ/A	3-4 LF						
	F7436-13	0.75	LB A/A	40	FL OZ/A	3-4 LF						
	Agri-Dex	1	% V/V	19.2	FL OZ/A	3-4 LF						
3	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	98 a	98 a	98 a	98 a	98 a	98 a
	Newpath	0.0625	LB A/A	4	FL OZ/A	1-2 LF						
	Newpath	0.0625	LB A/A	4	FL OZ/A	3-4 LF						
	Broadhead	0.39	LB A/A	8.9	OZ WT/A	3-4 LF						
	Command	0.3	LB A/A	12.8	FL OZ/A	3-4 LF						
	Agri-Dex	1	% V/V	19.2	FL OZ/A	3-4 LF						
4	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	96 b	97 a	97 ab	98 a	96 b	97 a
	Newpath	0.0625	LB A/A	4	FL OZ/A	3-4 LF						
	Broadhead	0.39	LB A/A	8.9	OZ WT/A	3-4 LF						
	Command	0.3	LB A/A	12.8	FL OZ/A	3-4 LF						
	Agri-Dex	1	% V/V	19.2	FL OZ/A	3-4 LF						
5	Nontreated						0 c	0 b	0 c	0 c	0 c	0 b
LSD (P=.05)							1.5	1.5	1.5	1.2	1.5	1.5
Standard Deviation							1.0	1.0	0.9	0.8	1.0	1.0
CV							1.27	1.26	1.22	0.99	1.27	1.26
Grand Mean							77.5	78.1	77.95	78.1	77.5	78.1

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Pest Code							ECHCG	ECHCG	AESIN	AESIN	AESIN	AESIN
Rating Date							8/6/10	21/6/10	19/5/10	24/5/10	8/6/10	21/6/10
Rating Data Type							Control	Control	Control	Control	Control	Control
Rating Unit							%	%	%	%	%	%
Trt-Eval Interval							36 da 3-4LF	49 da 3-4LF	16 da 3-4LF	21 da 3-4LF	36 da 3-4LF	49 da 3-4LF
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	7	8	9	10	11	12
1	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	98 a	98 a	97 a	97 a	97 a	95 a
	Newpath	0.0625	LB A/A	4	FL OZ/A	1-2 LF						
	Newpath	0.0625	LB A/A	4	FL OZ/A	3-4 LF						
	F7436-13	0.75	LB A/A	40	FL OZ/A	3-4 LF						
	Agri-Dex	1	% V/V	19.2	FL OZ/A	3-4 LF						
2	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	97 b	97 a	97 ab	98 a	97 a	90 a
	Newpath	0.0625	LB A/A	4	FL OZ/A	3-4 LF						
	F7436-13	0.75	LB A/A	40	FL OZ/A	3-4 LF						
	Agri-Dex	1	% V/V	19.2	FL OZ/A	3-4 LF						
3	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	98 a	98 a	97 ab	98 a	97 a	93 a
	Newpath	0.0625	LB A/A	4	FL OZ/A	1-2 LF						
	Newpath	0.0625	LB A/A	4	FL OZ/A	3-4 LF						
	Broadhead	0.39	LB A/A	8.9	OZ WT/A	3-4 LF						
	Command	0.3	LB A/A	12.8	FL OZ/A	3-4 LF						
	Agri-Dex	1	% V/V	19.2	FL OZ/A	3-4 LF						
4	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	97 ab	96 a	95 b	98 a	97 a	93 a
	Newpath	0.0625	LB A/A	4	FL OZ/A	3-4 LF						
	Broadhead	0.39	LB A/A	8.9	OZ WT/A	3-4 LF						
	Command	0.3	LB A/A	12.8	FL OZ/A	3-4 LF						
	Agri-Dex	1	% V/V	19.2	FL OZ/A	3-4 LF						
5	Nontreated						0 c	0 b	0 c	0 b	0 b	0 b
LSD (P=.05)							1.5	3.2	2.7	1.0	1.0	7.7
Standard Deviation							0.9	2.0	1.8	0.7	0.7	5.0
CV							1.22	2.64	2.29	0.86	0.86	6.75
Grand Mean							77.95	77.7	76.95	78.25	77.8	74.15

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Pest Code							SEBEX	SEBEX	SEBEX	SEBEX	ALRPH	ALRPH
Rating Date							19/5/10	24/5/10	8/6/10	21/6/10	19/5/10	24/5/10
Rating Data Type							Control	Control	Control	Control	Control	Control
Rating Unit							%	%	%	%	%	%
Trt-Eval Interval							16 da 3-4LF	21 da 3-4LF	36 da 3-4LF	49 da 3-4LF	16 da 3-4LF	21 da 3-4LF
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	13	14	15	16	17	18
1	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	96 a	97 a	98 a	96 a	58 ab	98 a
	Newpath	0.0625	LB A/A	4	FL OZ/A	1-2 LF						
	Newpath	0.0625	LB A/A	4	FL OZ/A	3-4 LF						
	F7436-13	0.75	LB A/A	40	FL OZ/A	3-4 LF						
	Agri-Dex	1	% V/V	19.2	FL OZ/A	3-4 LF						
2	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	96 a	98 a	97 a	95 a	45 c	97 a
	Newpath	0.0625	LB A/A	4	FL OZ/A	3-4 LF						
	F7436-13	0.75	LB A/A	40	FL OZ/A	3-4 LF						
	Agri-Dex	1	% V/V	19.2	FL OZ/A	3-4 LF						
3	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	95 a	98 a	97 a	98 a	68 a	98 a
	Newpath	0.0625	LB A/A	4	FL OZ/A	1-2 LF						
	Newpath	0.0625	LB A/A	4	FL OZ/A	3-4 LF						
	Broadhead	0.39	LB A/A	8.9	OZ WT/A	3-4 LF						
	Command	0.3	LB A/A	12.8	FL OZ/A	3-4 LF						
	Agri-Dex	1	% V/V	19.2	FL OZ/A	3-4 LF						
4	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	95 a	98 a	96 a	95 a	48 bc	98 a
	Newpath	0.0625	LB A/A	4	FL OZ/A	3-4 LF						
	Broadhead	0.39	LB A/A	8.9	OZ WT/A	3-4 LF						
	Command	0.3	LB A/A	12.8	FL OZ/A	3-4 LF						
	Agri-Dex	1	% V/V	19.2	FL OZ/A	3-4 LF						
5	Nontreated						0 b	0 b	0 b	0 b	0 d	0 b
LSD (P=.05)							3.1	1.0	2.7	4.4	12.2	1.0
Standard Deviation							2.0	0.7	1.8	2.9	7.9	0.7
CV							2.67	0.86	2.27	3.73	18.17	0.86
Grand Mean							76.25	78.25	77.55	76.8	43.5	78.25

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Pest Code							ALRPH	ALRPH	CNPPA	CNPPA	CNPPA	CNPPA
Rating Date							8/6/10	21/6/10	19/5/10	24/5/10	8/6/10	21/6/10
Rating Data Type							Control	Control	Control	Control	Control	Control
Rating Unit							%	%	%	%	%	%
Trt-Eval Interval							36 da 3-4LF	49 da 3-4LF	16 da 3-4LF	21 da 3-4LF	36 da 3-4LF	49 da 3-4LF
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	19	20	21	22	23	24
1	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	97 a	95 a	92 a	98 a	98 a	98 a
	Newpath	0.0625	LB A/A	4	FL OZ/A	1-2 LF						
	Newpath	0.0625	LB A/A	4	FL OZ/A	3-4 LF						
	F7436-13	0.75	LB A/A	40	FL OZ/A	3-4 LF						
	Agri-Dex	1	% V/V	19.2	FL OZ/A	3-4 LF						
2	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	95 a	91 a	80 b	97 a	95 ab	92 a
	Newpath	0.0625	LB A/A	4	FL OZ/A	3-4 LF						
	F7436-13	0.75	LB A/A	40	FL OZ/A	3-4 LF						
	Agri-Dex	1	% V/V	19.2	FL OZ/A	3-4 LF						
3	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	94 a	94 a	96 a	98 a	98 a	96 a
	Newpath	0.0625	LB A/A	4	FL OZ/A	1-2 LF						
	Newpath	0.0625	LB A/A	4	FL OZ/A	3-4 LF						
	Broadhead	0.39	LB A/A	8.9	OZ WT/A	3-4 LF						
	Command	0.3	LB A/A	12.8	FL OZ/A	3-4 LF						
	Agri-Dex	1	% V/V	19.2	FL OZ/A	3-4 LF						
4	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	88 b	85 b	92 a	98 a	92 b	92 a
	Newpath	0.0625	LB A/A	4	FL OZ/A	3-4 LF						
	Broadhead	0.39	LB A/A	8.9	OZ WT/A	3-4 LF						
	Command	0.3	LB A/A	12.8	FL OZ/A	3-4 LF						
	Agri-Dex	1	% V/V	19.2	FL OZ/A	3-4 LF						
5	Nontreated						0 c	0 c	0 c	0 b	0 c	0 b
LSD (P=.05)							4.7	5.0	9.8	1.0	3.6	9.9
Standard Deviation							3.0	3.3	6.3	0.7	2.3	6.4
CV							4.03	4.47	8.8	0.86	3.01	8.53
Grand Mean							74.8	73.0	72.0	78.25	76.65	75.55

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Pest Code							INJURY	INJURY	INJURY	INJURY
Rating Date							19/5/10	24/5/10	8/6/10	21/6/10
Rating Data Type										
Rating Unit							%	%	%	%
Trt-Eval Interval							16 da 3-4LF	21 da 3-4LF	36 da 3-4LF	49 da 3-4LF
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	25	26	27	28
1	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	0 a	0 a	0 a	0 a
	Newpath	0.0625	LB A/A	4	FL OZ/A	1-2 LF				
	Newpath	0.0625	LB A/A	4	FL OZ/A	3-4 LF				
	F7436-13	0.75	LB A/A	40	FL OZ/A	3-4 LF				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	3-4 LF				
2	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	0 a	0 a	0 a	0 a
	Newpath	0.0625	LB A/A	4	FL OZ/A	3-4 LF				
	F7436-13	0.75	LB A/A	40	FL OZ/A	3-4 LF				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	3-4 LF				
3	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	0 a	0 a	0 a	0 a
	Newpath	0.0625	LB A/A	4	FL OZ/A	1-2 LF				
	Newpath	0.0625	LB A/A	4	FL OZ/A	3-4 LF				
	Broadhead	0.39	LB A/A	8.9	OZ WT/A	3-4 LF				
	Command	0.3	LB A/A	12.8	FL OZ/A	3-4 LF				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	3-4 LF				
4	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	0 a	0 a	0 a	0 a
	Newpath	0.0625	LB A/A	4	FL OZ/A	3-4 LF				
	Broadhead	0.39	LB A/A	8.9	OZ WT/A	3-4 LF				
	Command	0.3	LB A/A	12.8	FL OZ/A	3-4 LF				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	3-4 LF				
5	Nontreated						0 a	0 a	0 a	0 a
LSD (P=.05)							0.0	0.0	0.0	0.0
Standard Deviation							0.0	0.0	0.0	0.0
CV							0.0	0.0	0.0	0.0
Grand Mean							0.0	0.0	0.0	0.0

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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F7436-13 (clomozone/quinclorac premix) on Conventional Rice

Experiment number	**C10-49**
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
Planting date	4/1/10
Harvest date	N/A
Crop/Variety	CL131
Emergence date	4/19/10
Uniform std. treatment	N/A

Application type	PRE	2-3LF
Date applied [mm/dd/yy]	04/02/10	04/27/10
Time [hh:mm-hh:mm]	10:40-10:50A	11:50-11:55A
Incorporation equip./Depth:	N/A	N/A
Air/Soil temperature [F]	74/62	78/75
Relative humidity [%]	83	55
Wind [mph, direction]	5-7,S	5-7,N
Weather [sunny, etc]	sunny	sunny
Soil/Leaf surface moist	dry/N/A	dry/dry
Crop stage/Height	N/A	2lf/2-3"
Sprayer type/MPH	CO_2BkPk/3	CO_2BkPk/3
Nozzle type/Size*	AMFF/110015	AMFF/110015
Boom ht/# Noz/Spacing	15/5/15	15/5/15
GPA/PSI	15/22	15/25
Applied by	TPC	JBH

Weed Species (population)	(height/#leaves)
AESIN(5-10m^{-2})	1-2"/1-3lf
BRAPP(100-200m^{-2})	¼-½"/1-2lf
SEBEX(5-10m^{-2})	1-2"/1-3lf
ECHCG(30-50m^{-2})	¼-½"/1-3lf

Flush Dates	4/7, 4/15, 4/29, 5/13
Permanent Flood	5/27

*AMFF – Air mix flat fan nozzles

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F7436-13 (clomozone/quinclorac premix) on Conventional Rice

Trial ID: C10-49 Protocol ID: C10-49
Location: RRS-Crowley, LA Study Director:
Investigator: Eric P. Webster

Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	1	2	3	4	5	6
Pest Code							BRAPP	BRAPP	BRAPP	ECHCG	ECHCG	ECHCG
Rating Date							18/5/10	24/5/10	7/6/10	18/5/10	24/5/10	7/6/10
Rating Data Type							Control	Control	Control	Control	Control	Control
Rating Unit							%	%	%	%	%	%
Trt-Eval Interval							21 da 2-3LF	27 da 2-3LF	41 da 2-3LF	21 da 2-3LF	27 da 2-3LF	41 da 2-3LF
1	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	91 a	80 a	68 a	93 a	80 a	63 a
	F7436-13	0.75	LB A/A	40	FL OZ/A	2-3 LF						
	Agri-Dex	1	% V/V	19.2	FL OZ/A	2-3 LF						
2	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	85 b	65 b	60 a	90 b	65 b	60 a
	Broadhead	0.394	LB A/A	9	OZ WT/A	2-3 LF						
	Command	0.3	LB A/A	12.8	FL OZ/A	2-3 LF						
	Agri-Dex	1	% V/V	19.2	FL OZ/A	2-3 LF						
3	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	88 ab	70 ab	58 a	90 b	70 ab	63 a
	Facet	0.375	LB A/A	0.5	LB/A	2-3 LF						
	Command	0.375	LB A/A	16	FL OZ/A	2-3 LF						
	Agri-Dex	1	% V/V	19.2	FL OZ/A	2-3 LF						
4	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	90 ab	65 b	65 a	90 b	65 b	60 a
	Command	0.375	LB A/A	16	FL OZ/A	2-3 LF						
	Aim	0.0219	LB A/A	1.4	FL OZ/A	2-3 LF						
	Agri-Dex	1	% V/V	19.2	FL OZ/A	2-3 LF						
5	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	85 b	70 ab	63 a	90 b	70 ab	63 a
	Broadhead	0.394	LB A/A	9	OZ WT/A	2-3 LF						
	Agri-Dex	1	% V/V	19.2	FL OZ/A	2-3 LF						
6	Nontreated						0 c	0 c	0 b	0 c	0 c	0 b
LSD (P=.05)							5.4	12.7	13.4	1.8	12.7	10.9
Standard Deviation							3.6	8.4	8.9	1.2	8.4	7.2
CV							4.88	14.46	17.02	1.56	14.46	14.06
Grand Mean							73.13	58.33	52.08	75.42	58.33	51.25

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Pest Code							SEBEX	SEBEX	SEBEX	AESIN	AESIN	AESIN
Rating Date							18/5/10	24/5/10	7/6/10	18/5/10	24/5/10	7/6/10
Rating Data Type							Control	Control	Control	Control	Control	Control
Rating Unit							%	%	%	%	%	%
Trt-Eval Interval							21 da 2-3LF	27 da 2-3LF	41 da 2-3LF	21 da 2-3LF	27 da 2-3LF	41 da 2-3LF
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	7	8	9	10	11	12
1	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	88 a	85 a	78 a	89 a	85 ab	86 a
	F7436-13	0.75	LB A/A	40	FL OZ/A	2-3 LF						
	Agri-Dex	1	% V/V	19.2	FL OZ/A	2-3 LF						
2	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	85 a	83 a	69 a	85 a	83 ab	74 b
	Broadhead	0.394	LB A/A	9	OZ WT/A	2-3 LF						
	Command	0.3	LB A/A	12.8	FL OZ/A	2-3 LF						
	Agri-Dex	1	% V/V	19.2	FL OZ/A	2-3 LF						
3	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	88 a	85 a	73 a	90 a	85 ab	81 ab
	Facet	0.375	LB A/A	0.5	LB/A	2-3 LF						
	Command	0.375	LB A/A	16	FL OZ/A	2-3 LF						
	Agri-Dex	1	% V/V	19.2	FL OZ/A	2-3 LF						
4	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	80 a	80 a	75 a	86 a	80 b	73 b
	Command	0.375	LB A/A	16	FL OZ/A	2-3 LF						
	Aim	0.0219	LB A/A	1.4	FL OZ/A	2-3 LF						
	Agri-Dex	1	% V/V	19.2	FL OZ/A	2-3 LF						
5	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	80 a	83 a	74 a	85 a	89 a	77 ab
	Broadhead	0.394	LB A/A	9	OZ WT/A	2-3 LF						
	Agri-Dex	1	% V/V	19.2	FL OZ/A	2-3 LF						
6	Nontreated						0 b	0 b	0 b	0 b	0 c	0 c
LSD (P=.05)							10.5	7.1	13.4	6.8	7.4	12.0
Standard Deviation							7.0	4.7	8.9	4.5	4.9	7.9
CV							9.93	6.82	14.55	6.21	6.95	12.19
Grand Mean							70.0	69.17	61.25	72.5	70.21	65.08

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Pest Code							INJURY	INJURY	INJURY
Rating Date							18/5/10	24/5/10	7/6/10
Rating Data Type									
Rating Unit							%	%	%
Trt-Eval Interval							21 da 2-3LF	27 da 2-3LF	41 da 2-3LF
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	13	14	15
1	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	0 a	0 a	0 a
	F7436-13	0.75	LB A/A	40	FL OZ/A	2-3 LF			
	Agri-Dex	1	% V/V	19.2	FL OZ/A	2-3 LF			
2	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	0 a	0 a	0 a
	Broadhead	0.394	LB A/A	9	OZ WT/A	2-3 LF			
	Command	0.3	LB A/A	12.8	FL OZ/A	2-3 LF			
	Agri-Dex	1	% V/V	19.2	FL OZ/A	2-3 LF			
3	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	0 a	0 a	0 a
	Facet	0.375	LB A/A	0.5	LB/A	2-3 LF			
	Command	0.375	LB A/A	16	FL OZ/A	2-3 LF			
	Agri-Dex	1	% V/V	19.2	FL OZ/A	2-3 LF			
4	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	0 a	0 a	0 a
	Command	0.375	LB A/A	16	FL OZ/A	2-3 LF			
	Aim	0.0219	LB A/A	1.4	FL OZ/A	2-3 LF			
	Agri-Dex	1	% V/V	19.2	FL OZ/A	2-3 LF			
5	Command	0.3	LB A/A	12.8	FL OZ/A	PRE	0 a	0 a	0 a
	Broadhead	0.394	LB A/A	9	OZ WT/A	2-3 LF			
	Agri-Dex	1	% V/V	19.2	FL OZ/A	2-3 LF			
6	Nontreated						0 a	0 a	0 a
LSD (P=.05)							0.0	0.0	0.0
Standard Deviation							0.0	0.0	0.0
CV							0.0	0.0	0.0
Grand Mean							0.0	0.0	0.0

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Evaluation of Choice and Quest Rates

Experiment number..... :	**C10-50**
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
Planting date ..... :	4/6/10
Harvest date..... :	N/A
Crop/Variety ..... :	CL131
Emergence date..... :	4/26/10
Uniform std. treatment..... :	N/A

Application type..... :	EPOST	LPOST
Date applied [mm/dd/yy] ..... :	05/04/10	05/18/10
Time [hh:mm-hh:mm]..... :	9:45-10:45A	9:50-10:35A
Incorporation equip./Depth:..... :	N/A	N/A
Air/Soil temperature [F] ..... :	81/78	97/80
Relative humidity [%]..... :	71	80
Wind [mph, direction] ..... :	4-5,NW	0-2,S
Weather [sunny, etc] ..... :	sunny	sunny
Soil/Leaf surface moist..... :	wet/dry	moist/dry
Crop stage/Height ..... :	2-3lf/3-5"	3-4lf/6-8"
Sprayer type/MPH..... :	CO_2BkPk/3	CO_2BkPk/3
Nozzle type/Size* ..... :	AMFF/110015	AMFF/110015
Boom ht/# Noz/Spacing ..... :	15/5/15	15/5/15
GPA/PSI ..... :	15/22	15/24
Applied by..... :	JCF	JCF

Weed Species (population)..... :	---------- (height/#leaves) ----------	
AESIN(5-10m^{-2})..... :	2-3"/2-4lf	2-5"/5-7lf
BRAPP(50-75m^{-2}) ..... :	½-3"/2-4lf	1-2"/3-5lf
COMDI(5-10m^{-2})…… ..... :	1-3"/2-4lf	2-4"/3-5lf
CYPES(10-20m^{-2}) ..... :	4-6"/3-5lf	5-8"/4-7lf
ECHCG(75-100m^{-2})..... :	½-2"/2-4lf	1-2"/3/5lf
ORYSA(50-75m^{-2}) ..... :	4-6"/3-4lf	3-5"/4-5lf

Flush Dates ..... :	4/15, 4/29, 5/7, 5/13
Permanent Flood..... :	5/27

*AMFF – Air mix flat fan nozzles

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Evaluation of Choice and Quest Rates

Trial ID: C10-50 Protocol ID: C10-50
Location: RRS-Crowley, LA Study Director:
Investigator: Eric P. Webster

Pest Code							ORYSA	ORYSA	ORYSA	ORYSA	ORYSA
Rating Date							19/5/10	26/5/10	7/6/10	21/6/10	12/7/10
Rating Data Type							Control	Control	Control	Control	Control
Rating Unit							%	%	%	%	%
Trt-Eval Interval							15 da EPOST	8 da LPOST	20 da LPOST	34 da LPOST	55 da LPOST
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	1	2	3	4	5
1	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST	69 d	78 e	75 ef	75 d	78 c
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
2	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST	69 d	80 de	73 f	86 a-d	89 ab
	Choice	0.104	% V/V	2	FL OZ/A	EPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
3	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST	75 bcd	90 a-d	83 b-f	88 abc	81 bc
	Choice	0.208	% V/V	4	FL OZ/A	EPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
4	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST	75 bcd	89 a-d	87 a-e	89 abc	90 ab
	Choice	0.417	% V/V	8	FL OZ/A	EPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
5	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST	83 abc	90 a-d	92 a-d	96 a	93 a
	Choice	0.83	% V/V	16	FL OZ/A	EPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
6	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST	75 bcd	90 a-d	87 a-e	95 ab	93 a
	AMS	2	LB/A	2	LB/A	EPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
7	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST	74 cd	88 a-e	90 a-d	91 abc	93 a
	Quest	0.0625	% V/V	1.2	FL OZ/A	EPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
8	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST	76 a-d	83 cde	82 c-f	84 bcd	90 ab
	Quest	0.125	% V/V	2.4	FL OZ/A	EPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
9	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST	73 cd	80 de	80 def	80 cd	93 a
	Quest	0.25	% V/V	4.8	FL OZ/A	EPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
10	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST	83 abc	92 abc	93 a-d	95 ab	90 ab
	Quest	0.5	% V/V	9.6	FL OZ/A	EPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
11	Newpath	0.094	LB A/A	6	FL OZ/A	EPOST	81 abc	86 b-e	83 b-f	91 abc	92 a
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.094	LB A/A	6	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					

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Pest Code							ORYSA	ORYSA	ORYSA	ORYSA	ORYSA
Rating Date							19/5/10	26/5/10	7/6/10	21/6/10	12/7/10
Rating Data Type							Control	Control	Control	Control	Control
Rating Unit							%	%	%	%	%
Trt-Eval Interval							15 da EPOST	8 da LPOST	20 da LPOST	34 da LPOST	55 da LPOST
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	1	2	3	4	5
12	Newpath	0.094	LB A/A	6	FL OZ/A	EPOST	83 abc	93 abc	94 abc	95 a	94 a
	Choice	0.104	% V/V	2	FL OZ/A	EPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.094	LB A/A	6	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
13	Newpath	0.094	LB A/A	6	FL OZ/A	EPOST	84 abc	90 a-d	90 a-d	96 a	97 a
	Choice	0.208	% V/V	4	FL OZ/A	EPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.094	LB A/A	6	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
14	Newpath	0.094	LB A/A	6	FL OZ/A	EPOST	79 a-d	94 ab	93 a-d	97 a	95 a
	Choice	0.417	% V/V	8	FL OZ/A	EPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.094	LB A/A	6	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
15	Newpath	0.094	LB A/A	6	FL OZ/A	EPOST	88 a	98 a	97 a	97 a	97 a
	Choice	0.83	% V/V	16	FL OZ/A	EPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.094	LB A/A	6	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
16	Newpath	0.094	LB A/A	6	FL OZ/A	EPOST	88 a	95 ab	96 ab	92 ab	92 a
	AMS	2	LB/A	2	LB/A	EPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.094	LB A/A	6	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
17	Newpath	0.094	LB A/A	6	FL OZ/A	EPOST	88 a	98 a	88 a-e	96 a	89 ab
	Quest	0.0625	% V/V	1.2	FL OZ/A	EPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.094	LB A/A	6	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
18	Newpath	0.094	LB A/A	6	FL OZ/A	EPOST	80 a-d	94 ab	92 a-d	96 a	95 a
	Quest	0.125	% V/V	2.4	FL OZ/A	EPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.094	LB A/A	6	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
19	Newpath	0.094	LB A/A	6	FL OZ/A	EPOST	83 abc	93 abc	96 ab	97 a	98 a
	Quest	0.25	% V/V	4.8	FL OZ/A	EPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.094	LB A/A	6	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
20	Newpath	0.094	LB A/A	6	FL OZ/A	EPOST	86 ab	96 ab	91 a-d	94 ab	94 a
	Quest	0.5	% V/V	9.6	FL OZ/A	EPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.094	LB A/A	6	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
21	Nontreated						0 e	0 f	0 g	0 e	0 d
LSD (P=.05)							12.0	10.8	13.8	11.3	9.5
Standard Deviation							8.5	7.6	9.8	8.0	6.7
CV							11.24	8.89	11.68	9.15	7.73
Grand Mean							75.6	85.55	83.76	87.01	87.17

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Pest Code							BRAPP	BRAPP	BRAPP	BRAPP	BRAPP
Rating Date							19/5/10	26/5/10	7/6/10	21/6/10	12/7/10
Rating Data Type							Control	Control	Control	Control	Control
Rating Unit							%	%	%	%	%
Trt-Eval Interval							15 da EPOST	8 da LPOST	20 da LPOST	34 da LPOST	55 da LPOST
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	6	7	8	9	10
1	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST	54 e	90 c	65 e	93 b	91 de
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
2	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST	70 d	91 bc	63 e	95 ab	91 de
	Choice	0.104	% V/V	2	FL OZ/A	EPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
3	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST	76 a-d	94 abc	75 cde	96 ab	91 e
	Choice	0.208	% V/V	4	FL OZ/A	EPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
4	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST	74 bcd	95 abc	86 abc	96 ab	95 a-e
	Choice	0.417	% V/V	8	FL OZ/A	EPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
5	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST	84 a-d	95 abc	93 a	97 a	95 a-d
	Choice	0.83	% V/V	16	FL OZ/A	EPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
6	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST	75 a-d	95 abc	87 abc	97 a	93 b-e
	AMS	2	LB/A	2	LB/A	EPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
7	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST	74 bcd	93 abc	92 ab	96 ab	95 a-d
	Quest	0.0625	% V/V	1.2	FL OZ/A	EPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
8	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST	78 a-d	91 bc	70 de	96 ab	93 cde
	Quest	0.125	% V/V	2.4	FL OZ/A	EPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
9	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST	73 cd	91 bc	76 b-e	97 a	93 cde
	Quest	0.25	% V/V	4.8	FL OZ/A	EPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
10	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST	83 a-d	94 abc	92 ab	96 ab	93 cde
	Quest	0.5	% V/V	9.6	FL OZ/A	EPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
11	Newpath	0.094	LB A/A	6	FL OZ/A	EPOST	80 a-d	93 abc	83 a-d	97 a	95 a-e
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.094	LB A/A	6	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
12	Newpath	0.094	LB A/A	6	FL OZ/A	EPOST	81 a-d	94 abc	93 a	97 a	96 abc
	Choice	0.104	% V/V	2	FL OZ/A	EPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.094	LB A/A	6	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
13	Newpath	0.094	LB A/A	6	FL OZ/A	EPOST	84 a-d	93 abc	90 abc	93 b	97 abc
	Choice	0.208	% V/V	4	FL OZ/A	EPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.094	LB A/A	6	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					

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Pest Code							BRAPP	BRAPP	BRAPP	BRAPP	BRAPP
Rating Date							19/5/10	26/5/10	7/6/10	21/6/10	12/7/10
Rating Data Type							Control	Control	Control	Control	Control
Rating Unit							%	%	%	%	%
Trt-Eval Interval							15 da EPOST	8 da LPOST	20 da LPOST	34 da LPOST	55 da LPOST
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	6	7	8	9	10
14	Newpath	0.094	LB A/A	6	FL OZ/A	EPOST	76 a-d	95 abc	92 ab	96 ab	95 a-e
	Choice	0.417	% V/V	8	FL OZ/A	EPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.094	LB A/A	6	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
15	Newpath	0.094	LB A/A	6	FL OZ/A	EPOST	88 ab	98 a	97 a	97 a	97 ab
	Choice	0.83	% V/V	16	FL OZ/A	EPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.094	LB A/A	6	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
16	Newpath	0.094	LB A/A	6	FL OZ/A	EPOST	88 ab	97 ab	98 a	97 a	97 ab
	AMS	2	LB/A	2	LB/A	EPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.094	LB A/A	6	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
17	Newpath	0.094	LB A/A	6	FL OZ/A	EPOST	89 a	98 a	89 abc	97 a	97 abc
	Quest	0.0625	% V/V	1.2	FL OZ/A	EPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.094	LB A/A	6	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
18	Newpath	0.094	LB A/A	6	FL OZ/A	EPOST	83 a-d	97 ab	92 ab	97 a	97 ab
	Quest	0.125	% V/V	2.4	FL OZ/A	EPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.094	LB A/A	6	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
19	Newpath	0.094	LB A/A	6	FL OZ/A	EPOST	85 abc	96 ab	95 a	96 ab	98 a
	Quest	0.25	% V/V	4.8	FL OZ/A	EPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.094	LB A/A	6	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
20	Newpath	0.094	LB A/A	6	FL OZ/A	EPOST	86 abc	97 a	91 ab	96 ab	97 abc
	Quest	0.5	% V/V	9.6	FL OZ/A	EPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.094	LB A/A	6	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
21	Nontreated						0 f	0 d	0 f	0 c	0 f
LSD (P=.05)							15.0	5.5	15.5	2.6	4.3
Standard Deviation							10.6	3.9	11.0	1.8	3.0
CV							14.11	4.34	13.41	2.02	3.36
Grand Mean							75.12	89.79	81.68	91.21	90.15

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Pest Code							ECHCG	ECHCG	ECHCG	ECHCG	ECHCG
Rating Date							19/5/10	26/5/10	7/6/10	21/6/10	12/7/10
Rating Data Type							Control	Control	Control	Control	Control
Rating Unit							%	%	%	%	%
Trt-Eval Interval							15 da EPOST	8 da LPOST	20 da LPOST	34 da LPOST	55 da LPOST
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	11	12	13	14	15
1	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST	68 e	91 c	66 d	39 gh	58 j
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
2	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST	71 de	91 c	64 d	36 h	79 i
	Choice	0.104	% V/V	2	FL OZ/A	EPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
3	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST	75 b-e	94 abc	78 bcd	55 d-h	84 f-i
	Choice	0.208	% V/V	4	FL OZ/A	EPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
4	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST	74 cde	95 abc	83 abc	48 e-h	90 b-f
	Choice	0.417	% V/V	8	FL OZ/A	EPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
5	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST	84 a-d	95 abc	92 ab	65 b-f	88 c-g
	Choice	0.83	% V/V	16	FL OZ/A	EPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
6	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST	78 a-e	95 abc	86 abc	56 d-h	83 f-i
	AMS	2	LB/A	2	LB/A	EPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
7	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST	75 b-e	93 bc	92 ab	60 c-g	87 d-h
	Quest	0.0625	% V/V	1.2	FL OZ/A	EPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
8	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST	79 a-e	91 c	75 cd	45 fgh	80 hi
	Quest	0.125	% V/V	2.4	FL OZ/A	EPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
9	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST	73 de	91 c	76 cd	58 d-h	58 j
	Quest	0.25	% V/V	4.8	FL OZ/A	EPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
10	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST	84 a-d	95 abc	92 ab	56 d-h	81 ghi
	Quest	0.5	% V/V	9.6	FL OZ/A	EPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
11	Newpath	0.094	LB A/A	6	FL OZ/A	EPOST	81 a-d	93 bc	84 abc	55 d-h	85 f-i
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.094	LB A/A	6	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
12	Newpath	0.094	LB A/A	6	FL OZ/A	EPOST	84 a-d	95 abc	93 a	76 a-d	94 a-d
	Choice	0.104	% V/V	2	FL OZ/A	EPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.094	LB A/A	6	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
13	Newpath	0.094	LB A/A	6	FL OZ/A	EPOST	84 a-d	94 abc	90 abc	68 b-e	85 f-i
	Choice	0.208	% V/V	4	FL OZ/A	EPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.094	LB A/A	6	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					

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Pest Code							ECHCG	ECHCG	ECHCG	ECHCG	ECHCG
Rating Date							19/5/10	26/5/10	7/6/10	21/6/10	12/7/10
Rating Data Type							Control	Control	Control	Control	Control
Rating Unit							%	%	%	%	%
Trt-Eval Interval							15 da EPOST	8 da LPOST	20 da LPOST	34 da LPOST	55 da LPOST
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	11	12	13	14	15
14	Newpath	0.094	LB A/A	6	FL OZ/A	EPOST	78 a-e	95 abc	92 ab	80 abc	87 d-h
	Choice	0.417	% V/V	8	FL OZ/A	EPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.094	LB A/A	6	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
15	Newpath	0.094	LB A/A	6	FL OZ/A	EPOST	89 a	97 ab	97 a	94 a	97 a
	Choice	0.83	% V/V	16	FL OZ/A	EPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.094	LB A/A	6	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
16	Newpath	0.094	LB A/A	6	FL OZ/A	EPOST	88 ab	97 ab	97 a	94 a	96 ab
	AMS	2	LB/A	2	LB/A	EPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.094	LB A/A	6	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
17	Newpath	0.094	LB A/A	6	FL OZ/A	EPOST	89 a	98 a	88 abc	83 ab	94 a-d
	Quest	0.0625	% V/V	1.2	FL OZ/A	EPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.094	LB A/A	6	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
18	Newpath	0.094	LB A/A	6	FL OZ/A	EPOST	80 a-e	97 ab	92 ab	85 ab	93 a-e
	Quest	0.125	% V/V	2.4	FL OZ/A	EPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.094	LB A/A	6	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
19	Newpath	0.094	LB A/A	6	FL OZ/A	EPOST	88 ab	96 abc	96 a	93 a	95 abc
	Quest	0.25	% V/V	4.8	FL OZ/A	EPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.094	LB A/A	6	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
20	Newpath	0.094	LB A/A	6	FL OZ/A	EPOST	86 abc	97 ab	91 ab	83 ab	86 e-h
	Quest	0.5	% V/V	9.6	FL OZ/A	EPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.094	LB A/A	6	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
21	Nontreated						0 f	0 d	0 e	0 i	0 k
LSD (P=.05)							12.8	5.1	15.2	21.8	7.4
Standard Deviation							9.0	3.6	10.7	15.4	5.2
CV							11.81	4.01	13.1	24.38	6.5
Grand Mean							76.37	90.02	81.95	63.17	80.77

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Pest Code							CYPES	CYPES	CYPES	CYPES	CYPES
Rating Date							19/5/10	26/5/10	7/6/10	21/6/10	12/7/10
Rating Data Type							Control	Control	Control	Control	Control
Rating Unit							%	%	%	%	%
Trt-Eval Interval							15 da EPOST	8 da LPOST	20 da LPOST	34 da LPOST	55 da LPOST
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	16	17	18	19	20
1	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST	74 e	95 ab	93 ef	96 ab	97 b
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
2	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST	76 cde	95 ab	91 f	95 b	98 a
	Choice	0.104	% V/V	2	FL OZ/A	EPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
3	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST	90 a-e	95 ab	94 c-f	95 b	98 a
	Choice	0.208	% V/V	4	FL OZ/A	EPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
4	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST	89 a-e	96 ab	97 abc	95 b	98 a
	Choice	0.417	% V/V	8	FL OZ/A	EPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
5	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST	87 a-e	94 ab	97 abc	95 b	98 a
	Choice	0.83	% V/V	16	FL OZ/A	EPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
6	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST	75 de	95 ab	97 abc	95 b	98 a
	AMS	2	LB/A	2	LB/A	EPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
7	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST	87 a-e	95 ab	97 ab	96 ab	98 a
	Quest	0.0625	% V/V	1.2	FL OZ/A	EPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
8	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST	81 b-e	95 ab	93 def	95 b	98 a
	Quest	0.125	% V/V	2.4	FL OZ/A	EPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
9	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST	80 b-e	94 ab	95 b-e	96 ab	98 a
	Quest	0.25	% V/V	4.8	FL OZ/A	EPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
10	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST	93 ab	95 ab	96 a-d	96 ab	98 ab
	Quest	0.5	% V/V	9.6	FL OZ/A	EPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
11	Newpath	0.094	LB A/A	6	FL OZ/A	EPOST	90 a-e	93 b	95 b-e	96 ab	98 a
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.094	LB A/A	6	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
12	Newpath	0.094	LB A/A	6	FL OZ/A	EPOST	89 a-e	96 ab	97 ab	96 ab	98 a
	Choice	0.104	% V/V	2	FL OZ/A	EPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.094	LB A/A	6	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
13	Newpath	0.094	LB A/A	6	FL OZ/A	EPOST	88 a-e	97 a	98 a	96 ab	98 a
	Choice	0.208	% V/V	4	FL OZ/A	EPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.094	LB A/A	6	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					

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Pest Code							CYPES	CYPES	CYPES	CYPES	CYPES
Rating Date							19/5/10	26/5/10	7/6/10	21/6/10	12/7/10
Rating Data Type							Control	Control	Control	Control	Control
Rating Unit							%	%	%	%	%
Trt-Eval Interval							15 da EPOST	8 da LPOST	20 da LPOST	34 da LPOST	55 da LPOST
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	16	17	18	19	20
14	Newpath	0.094	LB A/A	6	FL OZ/A	EPOST	84 a-e	97 a	97 ab	95 b	98 a
	Choice	0.417	% V/V	8	FL OZ/A	EPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.094	LB A/A	6	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
15	Newpath	0.094	LB A/A	6	FL OZ/A	EPOST	97 a	96 ab	97 abc	95 b	98 ab
	Choice	0.83	% V/V	16	FL OZ/A	EPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.094	LB A/A	6	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
16	Newpath	0.094	LB A/A	6	FL OZ/A	EPOST	93 ab	93 ab	98 a	97 a	98 a
	AMS	2	LB/A	2	LB/A	EPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.094	LB A/A	6	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
17	Newpath	0.094	LB A/A	6	FL OZ/A	EPOST	90 a-e	94 ab	95 a-e	95 b	98 a
	Quest	0.0625	% V/V	1.2	FL OZ/A	EPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.094	LB A/A	6	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
18	Newpath	0.094	LB A/A	6	FL OZ/A	EPOST	90 a-d	94 ab	98 a	96 ab	98 a
	Quest	0.125	% V/V	2.4	FL OZ/A	EPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.094	LB A/A	6	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
19	Newpath	0.094	LB A/A	6	FL OZ/A	EPOST	92 abc	97 a	97 ab	96 ab	98 a
	Quest	0.25	% V/V	4.8	FL OZ/A	EPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.094	LB A/A	6	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
20	Newpath	0.094	LB A/A	6	FL OZ/A	EPOST	95 ab	97 a	97 ab	96 ab	98 a
	Quest	0.5	% V/V	9.6	FL OZ/A	EPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.094	LB A/A	6	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
21	Nontreated						0 f	0 c	0 g	0 c	0 c
LSD (P=.05)							16.4	3.9	2.9	1.4	0.5
Standard Deviation							11.6	2.7	2.1	1.0	0.4
CV							14.04	3.02	2.27	1.11	0.39
Grand Mean							82.73	90.44	91.29	90.9	93.27

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Pest Code							AESIN	AESIN	AESIN	AESIN	AESIN
Rating Date							19/5/10	26/5/10	7/6/10	21/6/10	12/7/10
Rating Data Type							Control	Control	Control	Control	Control
Rating Unit							%	%	%	%	%
Trt-Eval Interval							15 da EPOST	8 da LPOST	20 da LPOST	34 da LPOST	55 da LPOST
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	21	22	23	24	25
1	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST	75 de	92 ab	78 cde	88 b	98 a
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
2	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST	73 e	93 ab	70 e	90 a	98 a
	Choice	0.104	% V/V	2	FL OZ/A	EPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
3	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST	96 a	93 ab	78 cde	90 a	98 a
	Choice	0.208	% V/V	4	FL OZ/A	EPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
4	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST	91 abc	91 ab	79 cde	90 a	98 a
	Choice	0.417	% V/V	8	FL OZ/A	EPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
5	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST	93 ab	91 ab	88 abc	91 a	98 a
	Choice	0.83	% V/V	16	FL OZ/A	EPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
6	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST	90 abc	92 ab	85 a-d	90 a	98 a
	AMS	2	LB/A	2	LB/A	EPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
7	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST	93 ab	95 a	85 a-d	90 a	98 a
	Quest	0.0625	% V/V	1.2	FL OZ/A	EPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
8	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST	80 cde	91 ab	80 b-e	90 a	98 a
	Quest	0.125	% V/V	2.4	FL OZ/A	EPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
9	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST	88 abc	89 ab	73 de	90 a	98 a
	Quest	0.25	% V/V	4.8	FL OZ/A	EPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
10	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST	89 abc	91 ab	83 a-e	90 a	98 a
	Quest	0.5	% V/V	9.6	FL OZ/A	EPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
11	Newpath	0.094	LB A/A	6	FL OZ/A	EPOST	93 ab	90 ab	84 a-d	90 a	98 a
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.094	LB A/A	6	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
12	Newpath	0.094	LB A/A	6	FL OZ/A	EPOST	88 abc	93 ab	86 abc	90 a	98 a
	Choice	0.104	% V/V	2	FL OZ/A	EPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.094	LB A/A	6	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
13	Newpath	0.094	LB A/A	6	FL OZ/A	EPOST	93 ab	93 ab	82 a-e	90 a	98 a
	Choice	0.208	% V/V	4	FL OZ/A	EPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.094	LB A/A	6	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					

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Pest Code							AESIN	AESIN	AESIN	AESIN	AESIN
Rating Date							19/5/10	26/5/10	7/6/10	21/6/10	12/7/10
Rating Data Type							Control	Control	Control	Control	Control
Rating Unit							%	%	%	%	%
Trt-Eval Interval							15 da EPOST	8 da LPOST	20 da LPOST	34 da LPOST	55 da LPOST
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	21	22	23	24	25
14	Newpath	0.094	LB A/A	6	FL OZ/A	EPOST	87 a-d	87 b	86 abc	90 a	98 a
	Choice	0.417	% V/V	8	FL OZ/A	EPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.094	LB A/A	6	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
15	Newpath	0.094	LB A/A	6	FL OZ/A	EPOST	93 ab	94 a	93 a	90 a	98 a
	Choice	0.83	% V/V	16	FL OZ/A	EPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.094	LB A/A	6	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
16	Newpath	0.094	LB A/A	6	FL OZ/A	EPOST	83 b-e	92 ab	86 abc	90 a	98 a
	AMS	2	LB/A	2	LB/A	EPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.094	LB A/A	6	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
17	Newpath	0.094	LB A/A	6	FL OZ/A	EPOST	88 abc	93 ab	85 a-d	90 a	98 a
	Quest	0.0625	% V/V	1.2	FL OZ/A	EPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.094	LB A/A	6	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
18	Newpath	0.094	LB A/A	6	FL OZ/A	EPOST	94 ab	90 ab	86 abc	90 a	98 a
	Quest	0.125	% V/V	2.4	FL OZ/A	EPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.094	LB A/A	6	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
19	Newpath	0.094	LB A/A	6	FL OZ/A	EPOST	90 abc	89 ab	92 ab	90 a	98 a
	Quest	0.25	% V/V	4.8	FL OZ/A	EPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.094	LB A/A	6	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
20	Newpath	0.094	LB A/A	6	FL OZ/A	EPOST	95 ab	90 ab	93 a	90 a	98 a
	Quest	0.5	% V/V	9.6	FL OZ/A	EPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.094	LB A/A	6	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
21	Nontreated						0 f	0 c	0 f	0 c	0 b
LSD (P=.05)							12.3	6.4	13.2	1.8	0.3
Standard Deviation							8.7	4.5	9.3	1.2	0.2
CV							10.33	5.2	11.72	1.45	0.19
Grand Mean							84.33	87.05	79.55	85.65	93.3

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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School of Plant, Environmental and Soil Sciences

Pest Code							COMDI	COMDI	COMDI	COMDI	COMDI
Rating Date							19/5/10	26/5/10	7/6/10	21/6/10	12/7/10
Rating Data Type							Control	Control	Control	Control	Control
Rating Unit							%	%	%	%	%
Trt-Eval Interval							15 da EPOST	8 da LPOST	20 da LPOST	34 da LPOST	55 da LPOST
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	26	27	28	29	30
1	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST	85 d	98 b	92 b	98 a	98 a
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
2	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST	87 cd	98 b	92 b	98 a	98 a
	Choice	0.104	% V/V	2	FL OZ/A	EPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
3	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST	93 abc	98 a	92 b	98 a	98 a
	Choice	0.208	% V/V	4	FL OZ/A	EPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
4	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST	91 a-d	98 b	92 b	98 a	98 a
	Choice	0.417	% V/V	8	FL OZ/A	EPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
5	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST	90 bcd	98 b	96 ab	98 a	98 a
	Choice	0.83	% V/V	16	FL OZ/A	EPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
6	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST	92 a-d	98 b	94 ab	98 a	98 a
	AMS	2	LB/A	2	LB/A	EPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
7	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST	95 ab	98 b	96 ab	98 a	98 a
	Quest	0.0625	% V/V	1.2	FL OZ/A	EPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
8	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST	91 a-d	98 b	92 b	98 a	98 a
	Quest	0.125	% V/V	2.4	FL OZ/A	EPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
9	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST	91 a-d	98 b	91 b	98 a	98 a
	Quest	0.25	% V/V	4.8	FL OZ/A	EPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
10	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST	92 a-d	98 b	96 ab	98 a	98 a
	Quest	0.5	% V/V	9.6	FL OZ/A	EPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
11	Newpath	0.094	LB A/A	6	FL OZ/A	EPOST	91 a-d	98 b	95 ab	98 a	98 a
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.094	LB A/A	6	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
12	Newpath	0.094	LB A/A	6	FL OZ/A	EPOST	94 abc	98 b	98 a	98 a	98 a
	Choice	0.104	% V/V	2	FL OZ/A	EPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.094	LB A/A	6	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
13	Newpath	0.094	LB A/A	6	FL OZ/A	EPOST	95 abc	98 b	96 ab	98 a	98 a
	Choice	0.208	% V/V	4	FL OZ/A	EPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.094	LB A/A	6	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					

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Pest Code							COMDI	COMDI	COMDI	COMDI	COMDI
Rating Date							19/5/10	26/5/10	7/6/10	21/6/10	12/7/10
Rating Data Type							Control	Control	Control	Control	Control
Rating Unit							%	%	%	%	%
Trt-Eval Interval							15 da EPOST	8 da LPOST	20 da LPOST	34 da LPOST	55 da LPOST
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	26	27	28	29	30
14	Newpath	0.094	LB A/A	6	FL OZ/A	EPOST	95 ab	98 b	96 ab	98 a	98 a
	Choice	0.417	% V/V	8	FL OZ/A	EPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.094	LB A/A	6	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
15	Newpath	0.094	LB A/A	6	FL OZ/A	EPOST	96 ab	98 b	98 a	97 b	98 a
	Choice	0.83	% V/V	16	FL OZ/A	EPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.094	LB A/A	6	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
16	Newpath	0.094	LB A/A	6	FL OZ/A	EPOST	97 ab	98 b	97 a	97 b	98 a
	AMS	2	LB/A	2	LB/A	EPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.094	LB A/A	6	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
17	Newpath	0.094	LB A/A	6	FL OZ/A	EPOST	98 a	98 b	96 ab	98 a	98 a
	Quest	0.0625	% V/V	1.2	FL OZ/A	EPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.094	LB A/A	6	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
18	Newpath	0.094	LB A/A	6	FL OZ/A	EPOST	96 ab	98 b	96 ab	98 ab	98 a
	Quest	0.125	% V/V	2.4	FL OZ/A	EPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.094	LB A/A	6	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
19	Newpath	0.094	LB A/A	6	FL OZ/A	EPOST	96 ab	98 b	96 ab	98 a	98 a
	Quest	0.25	% V/V	4.8	FL OZ/A	EPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.094	LB A/A	6	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
20	Newpath	0.094	LB A/A	6	FL OZ/A	EPOST	97 ab	98 b	96 ab	98 a	98 a
	Quest	0.5	% V/V	9.6	FL OZ/A	EPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.094	LB A/A	6	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
21	Nontreated						0 e	0 c	0 c	0 c	0 b
LSD (P=.05)							7.6	0.2	5.1	0.7	0.3
Standard Deviation							5.4	0.1	3.6	0.5	0.2
CV							6.06	0.12	3.98	0.52	0.24
Grand Mean							88.55	93.35	90.37	93.25	93.29

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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School of Plant, Environmental and Soil Sciences

Pest Code							INJURY	INJURY	INJURY	INJURY	INJURY
Rating Date							19/5/10	26/5/10	7/6/10	21/6/10	12/7/10
Rating Data Type											
Rating Unit							%	%	%	%	%
Trt-Eval Interval							15 da EPOST	8 da LPOST	20 da LPOST	34 da LPOST	55 da LPOST
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	31	32	33	34	35
1	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST	0 a	0 a	0 a	0 a	0 a
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
2	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST	0 a	0 a	0 a	0 a	0 a
	Choice	0.104	% V/V	2	FL OZ/A	EPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
3	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST	0 a	0 a	0 a	0 a	0 a
	Choice	0.208	% V/V	4	FL OZ/A	EPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
4	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST	0 a	0 a	0 a	0 a	0 a
	Choice	0.417	% V/V	8	FL OZ/A	EPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
5	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST	0 a	0 a	0 a	0 a	0 a
	Choice	0.83	% V/V	16	FL OZ/A	EPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
6	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST	0 a	0 a	0 a	0 a	0 a
	AMS	2	LB/A	2	LB/A	EPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
7	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST	0 a	0 a	0 a	0 a	0 a
	Quest	0.0625	% V/V	1.2	FL OZ/A	EPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
8	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST	0 a	0 a	0 a	0 a	0 a
	Quest	0.125	% V/V	2.4	FL OZ/A	EPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
9	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST	0 a	0 a	0 a	0 a	0 a
	Quest	0.25	% V/V	4.8	FL OZ/A	EPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
10	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST	0 a	0 a	0 a	0 a	0 a
	Quest	0.5	% V/V	9.6	FL OZ/A	EPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
11	Newpath	0.094	LB A/A	6	FL OZ/A	EPOST	0 a	0 a	0 a	0 a	0 a
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.094	LB A/A	6	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
12	Newpath	0.094	LB A/A	6	FL OZ/A	EPOST	0 a	0 a	0 a	0 a	0 a
	Choice	0.104	% V/V	2	FL OZ/A	EPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.094	LB A/A	6	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
13	Newpath	0.094	LB A/A	6	FL OZ/A	EPOST	0 a	0 a	0 a	0 a	0 a
	Choice	0.208	% V/V	4	FL OZ/A	EPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.094	LB A/A	6	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					

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Pest Code							INJURY	INJURY	INJURY	INJURY	INJURY
Rating Date							19/5/10	26/5/10	7/6/10	21/6/10	12/7/10
Rating Data Type											
Rating Unit							%	%	%	%	%
Trt-Eval Interval							15 da EPOST	8 da LPOST	20 da LPOST	34 da LPOST	55 da LPOST
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	31	32	33	34	35
14	Newpath	0.094	LB A/A	6	FL OZ/A	EPOST	0 a	0 a	0 a	0 a	0 a
	Choice	0.417	% V/V	8	FL OZ/A	EPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.094	LB A/A	6	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
15	Newpath	0.094	LB A/A	6	FL OZ/A	EPOST	0 a	0 a	0 a	0 a	0 a
	Choice	0.83	% V/V	16	FL OZ/A	EPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.094	LB A/A	6	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
16	Newpath	0.094	LB A/A	6	FL OZ/A	EPOST	0 a	0 a	0 a	0 a	0 a
	AMS	2	LB/A	2	LB/A	EPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.094	LB A/A	6	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
17	Newpath	0.094	LB A/A	6	FL OZ/A	EPOST	0 a	0 a	0 a	0 a	0 a
	Quest	0.0625	% V/V	1.2	FL OZ/A	EPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.094	LB A/A	6	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
18	Newpath	0.094	LB A/A	6	FL OZ/A	EPOST	0 a	0 a	0 a	0 a	0 a
	Quest	0.125	% V/V	2.4	FL OZ/A	EPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.094	LB A/A	6	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
19	Newpath	0.094	LB A/A	6	FL OZ/A	EPOST	0 a	0 a	0 a	0 a	0 a
	Quest	0.25	% V/V	4.8	FL OZ/A	EPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.094	LB A/A	6	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
20	Newpath	0.094	LB A/A	6	FL OZ/A	EPOST	0 a	0 a	0 a	0 a	0 a
	Quest	0.5	% V/V	9.6	FL OZ/A	EPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.094	LB A/A	6	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
21	Nontreated						0 a	0 a	0 a	0 a	0 a
LSD (P=.05)							0.0	0.0	0.0	0.0	0.0
Standard Deviation							0.0	0.0	0.0	0.0	0.0
CV							0.0	0.0	0.0	0.0	0.0
Grand Mean							0.0	0.0	0.0	0.0	0.0

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Choice and Quest 3 to 24h After Mixing Trial

Experiment number	**C10-51**
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
Planting date	4/6/10
Harvest date	N/A
Crop/Variety	CL131
Emergence date	4/26/10
Uniform std. treatment	N/A

Application type	EPOST	LPOST
Date applied [mm/dd/yy]	05/06/10	05/19/10
Time [hh:mm-hh:mm]	1:25-2:05P	12:15-12:45P
Incorporation equip./Depth:	N/A	N/A
Air/Soil temperature [F]	88/86	86/83
Relative humidity [%]	79	86
Wind [mph, direction]	5-6,S	6-8,S
Weather [sunny, etc]	sunny	sunny
Soil/Leaf surface moist	dry/dry	moist/dry
Crop stage/Height	2-3lf/4-5"	4-5lf/6-8"
Sprayer type/MPH	CO_2BkPk/3	CO_2BkPk/3
Nozzle type/Size*	AMFF/110015	AMFF/110015
Boom ht/# Noz/Spacing	15/5/15	15/5/15
GPA/PSI	15/25	15/25
Applied by	JCF	JCF

Weed Species (population)	---------- (height/#leaves) ----------	
AESIN(1-3m^{-2})		1-2"/3-5lf
BRAPP(75-100m^{-2})	½-2"/1-3lf	1-2"/2-4lf
CNPPA(10-20m^{-2})		1-2"/2-4lf
CYPES(1-5m^{-2})	4-6"/4-6lf	5-10"/5-8lf
ECHCG(100-150m^{-2})…….	½-3"/2-4lf	1-2"/2-3lf
ECLAL(5-10m^{-2})	½-2"/2-4lf	
ORYSA(75-100m^{-2})	3-5"/4-6"	3-6"/4-6lf
SEBEX(2-5m^{-2})		1-3"/3-5lf

Flush Dates	4/15, 4/29, 5/7, 5/13
Permanent Flood	5/27

*AMFF – Air mix flat fan nozzles

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Choice and Quest Buffering at 0, 3, 6, 12, and 24 Hours After Mixing

Trial ID: C10-51 Protocol ID: C10-51
Location: RRS-Crowley, LA Study Director:
Investigator: Eric P. Webster

Pest Code							PH-AFTER	PH-MIX	PH-SPRAY	PH-H2O	PH-MIX	PH-SPRAY
Rating Date							6/5/10	6/5/10	6/5/10	6/5/10	19/5/10	19/5/10
Rating Data Type												
Rating Unit												
Trt-Eval Interval							EPOST	EPOST	EPOST	EPOST	EPOST-RE	EPOST-RE
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	1	2	3	4	5	6
1	Newpath @ 0 hr	0.0625	LB A/A	4	FL OZ/A	EPOST	6 e	6 g	6 h	8 b	6 h	6 g
	Choice @ 0 hr	0.417	% V/V	8	FL OZ/A	EPOST						
	Agri-Dex @ 0 hr	1	% V/V	19.2	FL OZ/A	EPOST						
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST						
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST						
2	Newpath @ 3 hr	0.0625	LB A/A	4	FL OZ/A	EPOST	6 f	6 i	6 h	8 b	6 i	6 h
	Choice @ 3 hr	0.417	% V/V	8	FL OZ/A	EPOST						
	Agri-Dex @ 3 hr	1	% V/V	19.2	FL OZ/A	EPOST						
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST						
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST						
3	Newpath @ 6 hr	0.0625	LB A/A	4	FL OZ/A	EPOST	6 f	5 j	6 i	8 b	6 j	6 h
	Choice @ 6 hr	0.417	% V/V	8	FL OZ/A	EPOST						
	Agri-Dex @ 6 hr	1	% V/V	19.2	FL OZ/A	EPOST						
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST						
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST						
4	Newpath @ 12 hr	0.0625	LB A/A	4	FL OZ/A	EPOST	6 e	5 k	6 h	8 a	6 h	6 f
	Choice @ 12 hr	0.417	% V/V	8	FL OZ/A	EPOST						
	Agri-Dex @ 12 hr	1	% V/V	19.2	FL OZ/A	EPOST						
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST						
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST						
5	Newpath @ 24 hr	0.0625	LB A/A	4	FL OZ/A	EPOST	6 f	6 g	6 h	8 a	6 k	6 f
	Choice @ 24 hr	0.417	% V/V	8	FL OZ/A	EPOST						
	Agri-Dex @ 24 hr	1	% V/V	19.2	FL OZ/A	EPOST						
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST						
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST						
6	Newpath @ 0 hr	0.0625	LB A/A	4	FL OZ/A	EPOST	6 d	6 e	6 g	8 b	6 e	6 e
	Quest @ 0 hr	0.25	% V/V	4.8	FL OZ/A	EPOST						
	Agri-Dex @ 0 hr	1	% V/V	19.2	FL OZ/A	EPOST						
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST						
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST						
7	Newpath @ 3 hr	0.0625	LB A/A	4	FL OZ/A	EPOST	6 e	6 f	6 f	8 b	6 f	6 e
	Quest @ 3 hr	0.25	% V/V	4.8	FL OZ/A	EPOST						
	Agri-Dex @ 3 hr	1	% V/V	19.2	FL OZ/A	EPOST						
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST						
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST						
8	Newpath @ 6 hr	0.0625	LB A/A	4	FL OZ/A	EPOST	6 d	6 h	6 e	8 b	6 g	6 d
	Quest @ 6 hr	0.25	% V/V	4.8	FL OZ/A	EPOST						
	Agri-Dex @ 6 hr	1	% V/V	19.2	FL OZ/A	EPOST						
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST						
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST						
9	Newpath @ 12 hr	0.0625	LB A/A	4	FL OZ/A	EPOST	6 f	6 h	6 e	8 a	6 f	6 d
	Quest @ 12 hr	0.25	% V/V	4.8	FL OZ/A	EPOST						
	Agri-Dex @ 12 hr	1	% V/V	19.2	FL OZ/A	EPOST						
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST						
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST						
10	Newpath @ 24 hr	0.0625	LB A/A	4	FL OZ/A	EPOST	6 e	6 d	6 e	8 a	6 h	6 e
	Quest @ 24 hr	0.25	% V/V	4.8	FL OZ/A	EPOST						
	Agri-Dex @ 24 hr	1	% V/V	19.2	FL OZ/A	EPOST						
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST						
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST						
11	Newpath @ 0 hr	0.0625	LB A/A	4	FL OZ/A	EPOST	7 b	7 a	7 d	8 b	7 c	7 c
	Agri-Dex @ 0 hr	1	% V/V	19.2	FL OZ/A	EPOST						
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST						
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST						

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Pest Code							PH-AFTER	PH-MIX	PH-SPRAY	PH-H2O	PH-MIX	PH-SPRAY
Rating Date							6/5/10	6/5/10	6/5/10	6/5/10	19/5/10	19/5/10
Rating Data Type												
Rating Unit												
Trt-Eval Interval							EPOST	EPOST	EPOST	EPOST	EPOST-RE	EPOST-RE
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	1	2	3	4	5	6
12	Newpath @ 3 hr	0.0625	LB A/A	4	FL OZ/A	EPOST	7 b	7 b	8 c	8 b	8 b	7 c
	Agri-Dex @ 3 hr	1	% V/V	19.2	FL OZ/A	EPOST						
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST						
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST						
13	Newpath @ 6 hr	0.0625	LB A/A	4	FL OZ/A	EPOST	7 c	7 c	8 b	8 b	7 c	8 b
	Agri-Dex @ 6 hr	1	% V/V	19.2	FL OZ/A	EPOST						
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST						
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST						
14	Newpath @ 12 hr	0.0625	LB A/A	4	FL OZ/A	EPOST	7 b	7 c	8 a	8 a	8 a	8 a
	Agri-Dex @ 12 hr	1	% V/V	19.2	FL OZ/A	EPOST						
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST						
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST						
15	Newpath @ 24 hr	0.0625	LB A/A	4	FL OZ/A	EPOST	7 b	7 c	8 b	8 a	7 d	8 a
	Agri-Dex @ 24 hr	1	% V/V	19.2	FL OZ/A	EPOST						
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST						
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST						
16	Nontreated						7 a					
LSD (P=.05)							0.0	0.0	0.0	0.0	0.0	0.0
Standard Deviation							0.0	0.0	0.0	0.0	0.0	0.0
CV							0.22	0.11	0.0	0.0	0.0	0.05
Grand Mean							6.33	6.26	6.61	7.88	6.38	6.55

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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School of Plant, Environmental and Soil Sciences

Pest Code							PH-AFTER	PH-H2O	PH-MIX	PH-SPRAY	PH-AFTER	PH-H2O
Rating Date							19/5/10	19/5/10	3/6/10	3/6/10	3/6/10	3/6/10
Rating Data Type												
Rating Unit												
Trt-Eval Interval							EPOST-RE	EPOST-RE	LPOST	LPOST	LPOST	LPOST
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	7	8	9	10	11	12
1	Newpath @ 0 hr	0.0625	LB A/A	4	FL OZ/A	EPOST	6 e	8 a	5 g	5 g	6 d	8 a
	Choice @ 0 hr	0.417	% V/V	8	FL OZ/A	EPOST						
	Agri-Dex @ 0 hr	1	% V/V	19.2	FL OZ/A	EPOST						
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST						
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST						
2	Newpath @ 3 hr	0.0625	LB A/A	4	FL OZ/A	EPOST	6 f	8 b	5 i	5 h	6 d	8 b
	Choice @ 3 hr	0.417	% V/V	8	FL OZ/A	EPOST						
	Agri-Dex @ 3 hr	1	% V/V	19.2	FL OZ/A	EPOST						
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST						
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST						
3	Newpath @ 6 hr	0.0625	LB A/A	4	FL OZ/A	EPOST	6 f	8 a	5 g	5 g	5 f	8 b
	Choice @ 6 hr	0.417	% V/V	8	FL OZ/A	EPOST						
	Agri-Dex @ 6 hr	1	% V/V	19.2	FL OZ/A	EPOST						
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST						
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST						
4	Newpath @ 12 hr	0.0625	LB A/A	4	FL OZ/A	EPOST	6 e	8 a	5 h	5 h	6 d	8 b
	Choice @ 12 hr	0.417	% V/V	8	FL OZ/A	EPOST						
	Agri-Dex @ 12 hr	1	% V/V	19.2	FL OZ/A	EPOST						
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST						
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST						
5	Newpath @ 24 hr	0.0625	LB A/A	4	FL OZ/A	EPOST	6 e	8 a	5 g	5 g	6 d	8 c
	Choice @ 24 hr	0.417	% V/V	8	FL OZ/A	EPOST						
	Agri-Dex @ 24 hr	1	% V/V	19.2	FL OZ/A	EPOST						
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST						
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST						
6	Newpath @ 0 hr	0.0625	LB A/A	4	FL OZ/A	EPOST	6 d	8 a	6 f	6 f	6 d	8 a
	Quest @ 0 hr	0.25	% V/V	4.8	FL OZ/A	EPOST						
	Agri-Dex @ 0 hr	1	% V/V	19.2	FL OZ/A	EPOST						
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST						
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST						
7	Newpath @ 3 hr	0.0625	LB A/A	4	FL OZ/A	EPOST	6 c	8 b	6 e	6 e	6 c	8 b
	Quest @ 3 hr	0.25	% V/V	4.8	FL OZ/A	EPOST						
	Agri-Dex @ 3 hr	1	% V/V	19.2	FL OZ/A	EPOST						
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST						
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST						
8	Newpath @ 6 hr	0.0625	LB A/A	4	FL OZ/A	EPOST	6 a	8 a	6 e	6 e	6 e	8 b
	Quest @ 6 hr	0.25	% V/V	4.8	FL OZ/A	EPOST						
	Agri-Dex @ 6 hr	1	% V/V	19.2	FL OZ/A	EPOST						
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST						
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST						
9	Newpath @ 12 hr	0.0625	LB A/A	4	FL OZ/A	EPOST	6 f	8 a	6 c	6 e	6 c	8 b
	Quest @ 12 hr	0.25	% V/V	4.8	FL OZ/A	EPOST						
	Agri-Dex @ 12 hr	1	% V/V	19.2	FL OZ/A	EPOST						
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST						
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST						
10	Newpath @ 24 hr	0.0625	LB A/A	4	FL OZ/A	EPOST	6 d	8 a	6 d	6 d	6 c	8 c
	Quest @ 24 hr	0.25	% V/V	4.8	FL OZ/A	EPOST						
	Agri-Dex @ 24 hr	1	% V/V	19.2	FL OZ/A	EPOST						
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST						
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST						
11	Newpath @ 0 hr	0.0625	LB A/A	4	FL OZ/A	EPOST	6 c	8 a	7 b	7 b	6 b	8 a
	Agri-Dex @ 0 hr	1	% V/V	19.2	FL OZ/A	EPOST						
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST						
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST						
12	Newpath @ 3 hr	0.0625	LB A/A	4	FL OZ/A	EPOST	6 a	8 b	7 a	7 a	6 a	8 b
	Agri-Dex @ 3 hr	1	% V/V	19.2	FL OZ/A	EPOST						
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST						
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST						
13	Newpath @ 6 hr	0.0625	LB A/A	4	FL OZ/A	EPOST	6 c	8 a	7 a	7 a	6 b	8 b
	Agri-Dex @ 6 hr	1	% V/V	19.2	FL OZ/A	EPOST						
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST						
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST						

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Pest Code							PH-AFTER	PH-H2O	PH-MIX	PH-SPRAY	PH-AFTER	PH-H2O
Rating Date							19/5/10	19/5/10	3/6/10	3/6/10	3/6/10	3/6/10
Rating Data Type												
Rating Unit												
Trt-Eval Interval							EPOST-RE	EPOST-RE	LPOST	LPOST	LPOST	LPOST
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	7	8	9	10	11	12
14	Newpath @ 12 hr	0.0625	LB A/A	4	FL OZ/A	EPOST	6 b	8 a	7 b	7 a	6 b	8 b
	Agri-Dex @ 12 hr	1	% V/V	19.2	FL OZ/A	EPOST						
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST						
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST						
15	Newpath @ 24 hr	0.0625	LB A/A	4	FL OZ/A	EPOST	6 c	8 a	7 a	7 c	6 b	8 c
	Agri-Dex @ 24 hr	1	% V/V	19.2	FL OZ/A	EPOST						
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST						
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST						
16	Nontreated											
LSD (P=.05)							0.0	0.0	0.0	0.0	0.0	0.0
Standard Deviation							0.0	0.0	0.0	0.0	0.0	0.0
CV							0.0	0.12	0.0	0.0	0.0	0.11
Grand Mean							6.03	7.58	6.15	6.13	5.9	7.6

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Pest Code							ORYSA	ORYSA	ORYSA	BRAPP	BRAPP
Rating Date							26/5/10	21/6/10	12/7/10	26/5/10	21/6/10
Rating Data Type							Control	Control	Control	Control	Control
Rating Unit							%	%	%	%	%
Trt-Eval Interval							7 da EPOST	17 da LPOST	38 da LPOST	7 da EPOST	17 da LPOST
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	13	14	15	16	17
1	Newpath @ 0 hr	0.0625	LB A/A	4	FL OZ/A	EPOST	81 ab	97 a	93 a	90 b	98 a
	Choice @ 0 hr	0.417	% V/V	8	FL OZ/A	EPOST					
	Agri-Dex @ 0 hr	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
2	Newpath @ 3 hr	0.0625	LB A/A	4	FL OZ/A	EPOST	81 ab	97 a	95 a	90 b	98 a
	Choice @ 3 hr	0.417	% V/V	8	FL OZ/A	EPOST					
	Agri-Dex @ 3 hr	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
3	Newpath @ 6 hr	0.0625	LB A/A	4	FL OZ/A	EPOST	83 ab	95 a	95 a	90 b	97 ab
	Choice @ 6 hr	0.417	% V/V	8	FL OZ/A	EPOST					
	Agri-Dex @ 6 hr	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
4	Newpath @ 12 hr	0.0625	LB A/A	4	FL OZ/A	EPOST	83 ab	97 a	94 a	90 b	98 a
	Choice @ 12 hr	0.417	% V/V	8	FL OZ/A	EPOST					
	Agri-Dex @ 12 hr	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
5	Newpath @ 24 hr	0.0625	LB A/A	4	FL OZ/A	EPOST	88 a	96 a	94 a	90 b	98 a
	Choice @ 24 hr	0.417	% V/V	8	FL OZ/A	EPOST					
	Agri-Dex @ 24 hr	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
6	Newpath @ 0 hr	0.0625	LB A/A	4	FL OZ/A	EPOST	84 ab	95 a	94 a	90 b	97 ab
	Quest @ 0 hr	0.25	% V/V	4.8	FL OZ/A	EPOST					
	Agri-Dex @ 0 hr	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
7	Newpath @ 3 hr	0.0625	LB A/A	4	FL OZ/A	EPOST	85 ab	95 a	90 a	90 b	98 a
	Quest @ 3 hr	0.25	% V/V	4.8	FL OZ/A	EPOST					
	Agri-Dex @ 3 hr	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
8	Newpath @ 6 hr	0.0625	LB A/A	4	FL OZ/A	EPOST	85 ab	96 a	93 a	90 b	98 a
	Quest @ 6 hr	0.25	% V/V	4.8	FL OZ/A	EPOST					
	Agri-Dex @ 6 hr	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
9	Newpath @ 12 hr	0.0625	LB A/A	4	FL OZ/A	EPOST	81 ab	97 a	94 a	90 b	98 a
	Quest @ 12 hr	0.25	% V/V	4.8	FL OZ/A	EPOST					
	Agri-Dex @ 12 hr	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
10	Newpath @ 24 hr	0.0625	LB A/A	4	FL OZ/A	EPOST	84 ab	95 a	93 a	90 b	96 b
	Quest @ 24 hr	0.25	% V/V	4.8	FL OZ/A	EPOST					
	Agri-Dex @ 24 hr	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
11	Newpath @ 0 hr	0.0625	LB A/A	4	FL OZ/A	EPOST	83 ab	95 a	93 a	90 b	98 a
	Agri-Dex @ 0 hr	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
12	Newpath @ 3 hr	0.0625	LB A/A	4	FL OZ/A	EPOST	84 ab	97 a	94 a	90 b	98 a
	Agri-Dex @ 3 hr	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
13	Newpath @ 6 hr	0.0625	LB A/A	4	FL OZ/A	EPOST	79 b	97 a	70 b	89 c	98 a
	Agri-Dex @ 6 hr	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					

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Pest Code							ORYSA	ORYSA	ORYSA	BRAPP	BRAPP
Rating Date							26/5/10	21/6/10	12/7/10	26/5/10	21/6/10
Rating Data Type							Control	Control	Control	Control	Control
Rating Unit							%	%	%	%	%
Trt-Eval Interval							7 da EPOST	17 da LPOST	38 da LPOST	7 da EPOST	17 da LPOST
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	13	14	15	16	17
14	Newpath @ 12 hr	0.0625	LB A/A	4	FL OZ/A	EPOST	78 b	95 a	95 a	91 a	98 a
	Agri-Dex @ 12 hr	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
15	Newpath @ 24 hr	0.0625	LB A/A	4	FL OZ/A	EPOST	84 ab	97 a	91 a	90 b	97 ab
	Agri-Dex @ 24 hr	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
16	Nontreated						0 c	0 b	0 c	0 d	0 c
LSD (P=.05)							7.5	3.2	15.4	1.2	1.6
Standard Deviation							5.3	2.2	10.8	0.9	1.2
CV							6.78	2.48	12.54	1.04	1.26
Grand Mean							77.5	89.92	85.86	84.38	91.59

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Pest Code							BRAPP	ECHCG	ECHCG	ECHCG	CYPES
Rating Date							12/7/10	26/5/10	21/6/10	12/7/10	26/5/10
Rating Data Type							Control	Control	Control	Control	Control
Rating Unit							%	%	%	%	%
Trt-Eval Interval							38 da LPOST	7 da EPOST	17 da LPOST	38 da LPOST	7 da EPOST
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	18	19	20	21	22
1	Newpath @ 0 hr	0.0625	LB A/A	4	FL OZ/A	EPOST	97 a	89 ab	98 a	91 a-d	93 b
	Choice @ 0 hr	0.417	% V/V	8	FL OZ/A	EPOST					
	Agri-Dex @ 0 hr	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
2	Newpath @ 3 hr	0.0625	LB A/A	4	FL OZ/A	EPOST	98 a	90 a	97 ab	93 a-d	95 a
	Choice @ 3 hr	0.417	% V/V	8	FL OZ/A	EPOST					
	Agri-Dex @ 3 hr	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
3	Newpath @ 6 hr	0.0625	LB A/A	4	FL OZ/A	EPOST	98 a	90 a	97 ab	94 abc	95 a
	Choice @ 6 hr	0.417	% V/V	8	FL OZ/A	EPOST					
	Agri-Dex @ 6 hr	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
4	Newpath @ 12 hr	0.0625	LB A/A	4	FL OZ/A	EPOST	98 a	89 ab	97 ab	95 ab	94 ab
	Choice @ 12 hr	0.417	% V/V	8	FL OZ/A	EPOST					
	Agri-Dex @ 12 hr	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
5	Newpath @ 24 hr	0.0625	LB A/A	4	FL OZ/A	EPOST	98 a	90 a	96 ab	86 d	93 b
	Choice @ 24 hr	0.417	% V/V	8	FL OZ/A	EPOST					
	Agri-Dex @ 24 hr	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
6	Newpath @ 0 hr	0.0625	LB A/A	4	FL OZ/A	EPOST	98 a	90 a	97 ab	94 abc	94 ab
	Quest @ 0 hr	0.25	% V/V	4.8	FL OZ/A	EPOST					
	Agri-Dex @ 0 hr	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
7	Newpath @ 3 hr	0.0625	LB A/A	4	FL OZ/A	EPOST	98 a	90 a	97 ab	86 d	95 a
	Quest @ 3 hr	0.25	% V/V	4.8	FL OZ/A	EPOST					
	Agri-Dex @ 3 hr	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
8	Newpath @ 6 hr	0.0625	LB A/A	4	FL OZ/A	EPOST	98 a	90 a	97 ab	91 a-d	95 a
	Quest @ 6 hr	0.25	% V/V	4.8	FL OZ/A	EPOST					
	Agri-Dex @ 6 hr	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
9	Newpath @ 12 hr	0.0625	LB A/A	4	FL OZ/A	EPOST	97 a	90 a	97 ab	89 bcd	94 ab
	Quest @ 12 hr	0.25	% V/V	4.8	FL OZ/A	EPOST					
	Agri-Dex @ 12 hr	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
10	Newpath @ 24 hr	0.0625	LB A/A	4	FL OZ/A	EPOST	98 a	90 a	96 ab	91 a-d	94 ab
	Quest @ 24 hr	0.25	% V/V	4.8	FL OZ/A	EPOST					
	Agri-Dex @ 24 hr	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
11	Newpath @ 0 hr	0.0625	LB A/A	4	FL OZ/A	EPOST	98 a	90 a	97 ab	95 ab	94 ab
	Agri-Dex @ 0 hr	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
12	Newpath @ 3 hr	0.0625	LB A/A	4	FL OZ/A	EPOST	98 a	90 a	97 ab	88 cd	95 a
	Agri-Dex @ 3 hr	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
13	Newpath @ 6 hr	0.0625	LB A/A	4	FL OZ/A	EPOST	98 a	88 b	97 ab	93 a-d	95 a
	Agri-Dex @ 6 hr	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					

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Pest Code							BRAPP	ECHCG	ECHCG	ECHCG	CYPES
Rating Date							12/7/10	26/5/10	21/6/10	12/7/10	26/5/10
Rating Data Type							Control	Control	Control	Control	Control
Rating Unit							%	%	%	%	%
Trt-Eval Interval							38 da LPOST	7 da EPOST	17 da LPOST	38 da LPOST	7 da EPOST
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	18	19	20	21	22
14	Newpath @ 12 hr	0.0625	LB A/A	4	FL OZ/A	EPOST	98 a	90 a	95 b	96 a	94 ab
	Agri-Dex @ 12 hr	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
15	Newpath @ 24 hr	0.0625	LB A/A	4	FL OZ/A	EPOST	98 a	90 a	96 ab	94 abc	94 ab
	Agri-Dex @ 24 hr	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
16	Nontreated						0 b	0 c	0 c	0 e	0 c
LSD (P=.05)							0.8	2.1	2.7	6.9	2.4
Standard Deviation							0.5	1.4	1.9	4.8	1.7
CV							0.58	1.72	2.12	5.58	1.9
Grand Mean							91.78	84.06	90.5	85.89	88.2

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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School of Plant, Environmental and Soil Sciences

Pest Code							CYPES	CYPES	ECLAL	ECLAL	ECLAL
Rating Date							21/6/10	12/7/10	26/5/10	21/6/10	12/7/10
Rating Data Type							Control	Control	Control	Control	Control
Rating Unit							%	%	%	%	%
Trt-Eval Interval							17 da LPOST	38 da LPOST	7 da EPOST	17 da LPOST	38 da LPOST
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	23	24	25	26	27
1	Newpath @ 0 hr	0.0625	LB A/A	4	FL OZ/A	EPOST	98 a	98 a	83 a	98 a	98 a
	Choice @ 0 hr	0.417	% V/V	8	FL OZ/A	EPOST					
	Agri-Dex @ 0 hr	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
2	Newpath @ 3 hr	0.0625	LB A/A	4	FL OZ/A	EPOST	98 ab	98 a	81 a	98 a	98 a
	Choice @ 3 hr	0.417	% V/V	8	FL OZ/A	EPOST					
	Agri-Dex @ 3 hr	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
3	Newpath @ 6 hr	0.0625	LB A/A	4	FL OZ/A	EPOST	98 a	98 a	81 a	98 a	98 a
	Choice @ 6 hr	0.417	% V/V	8	FL OZ/A	EPOST					
	Agri-Dex @ 6 hr	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
4	Newpath @ 12 hr	0.0625	LB A/A	4	FL OZ/A	EPOST	98 ab	98 a	81 a	98 a	98 a
	Choice @ 12 hr	0.417	% V/V	8	FL OZ/A	EPOST					
	Agri-Dex @ 12 hr	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
5	Newpath @ 24 hr	0.0625	LB A/A	4	FL OZ/A	EPOST	98 a	98 a	81 a	98 ab	98 a
	Choice @ 24 hr	0.417	% V/V	8	FL OZ/A	EPOST					
	Agri-Dex @ 24 hr	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
6	Newpath @ 0 hr	0.0625	LB A/A	4	FL OZ/A	EPOST	98 a	98 a	81 a	98 a	98 a
	Quest @ 0 hr	0.25	% V/V	4.8	FL OZ/A	EPOST					
	Agri-Dex @ 0 hr	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
7	Newpath @ 3 hr	0.0625	LB A/A	4	FL OZ/A	EPOST	98 ab	98 a	81 a	97 b	98 a
	Quest @ 3 hr	0.25	% V/V	4.8	FL OZ/A	EPOST					
	Agri-Dex @ 3 hr	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
8	Newpath @ 6 hr	0.0625	LB A/A	4	FL OZ/A	EPOST	98 a	98 a	84 a	98 ab	98 a
	Quest @ 6 hr	0.25	% V/V	4.8	FL OZ/A	EPOST					
	Agri-Dex @ 6 hr	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
9	Newpath @ 12 hr	0.0625	LB A/A	4	FL OZ/A	EPOST	97 b	98 a	81 a	98 a	98 a
	Quest @ 12 hr	0.25	% V/V	4.8	FL OZ/A	EPOST					
	Agri-Dex @ 12 hr	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
10	Newpath @ 24 hr	0.0625	LB A/A	4	FL OZ/A	EPOST	98 a	98 a	81 a	98 a	98 a
	Quest @ 24 hr	0.25	% V/V	4.8	FL OZ/A	EPOST					
	Agri-Dex @ 24 hr	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
11	Newpath @ 0 hr	0.0625	LB A/A	4	FL OZ/A	EPOST	98 a	98 a	80 a	98 a	98 a
	Agri-Dex @ 0 hr	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
12	Newpath @ 3 hr	0.0625	LB A/A	4	FL OZ/A	EPOST	98 a	98 a	81 a	98 a	98 a
	Agri-Dex @ 3 hr	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
13	Newpath @ 6 hr	0.0625	LB A/A	4	FL OZ/A	EPOST	98 a	98 a	73 b	98 a	98 a
	Agri-Dex @ 6 hr	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					

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Pest Code							CYPES	CYPES	ECLAL	ECLAL	ECLAL
Rating Date							21/6/10	12/7/10	26/5/10	21/6/10	12/7/10
Rating Data Type							Control	Control	Control	Control	Control
Rating Unit							%	%	%	%	%
Trt-Eval Interval							17 da LPOST	38 da LPOST	7 da EPOST	17 da LPOST	38 da LPOST
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	23	24	25	26	27
14	Newpath @ 12 hr	0.0625	LB A/A	4	FL OZ/A	EPOST	98 a	98 a	79 ab	98 a	98 a
	Agri-Dex @ 12 hr	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
15	Newpath @ 24 hr	0.0625	LB A/A	4	FL OZ/A	EPOST	98 a	98 a	81 a	98 ab	98 a
	Agri-Dex @ 24 hr	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
16	Nontreated						0 c	0 b	0 c	0 c	0 b
LSD (P=.05)							0.6	0.4	6.5	0.6	0.4
Standard Deviation							0.4	0.3	4.6	0.4	0.3
CV							0.47	0.28	6.04	0.48	0.31
Grand Mean							91.78	91.81	75.63	91.78	91.8

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

LSU AgCenter
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Pest Code							INJURY	INJURY	INJURY
Rating Date							26/5/10	21/6/10	12/7/10
Rating Data Type									
Rating Unit							%	%	%
Trt-Eval Interval							7 da EPOST	17 da LPOST	38 da LPOST
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	28	29	30
1	Newpath @ 0 hr	0.0625	LB A/A	4	FL OZ/A	EPOST	0 a	0 a	0 a
	Choice @ 0 hr	0.417	% V/V	8	FL OZ/A	EPOST			
	Agri-Dex @ 0 hr	1	% V/V	19.2	FL OZ/A	EPOST			
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST			
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST			
2	Newpath @ 3 hr	0.0625	LB A/A	4	FL OZ/A	EPOST	0 a	0 a	0 a
	Choice @ 3 hr	0.417	% V/V	8	FL OZ/A	EPOST			
	Agri-Dex @ 3 hr	1	% V/V	19.2	FL OZ/A	EPOST			
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST			
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST			
3	Newpath @ 6 hr	0.0625	LB A/A	4	FL OZ/A	EPOST	0 a	0 a	0 a
	Choice @ 6 hr	0.417	% V/V	8	FL OZ/A	EPOST			
	Agri-Dex @ 6 hr	1	% V/V	19.2	FL OZ/A	EPOST			
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST			
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST			
4	Newpath @ 12 hr	0.0625	LB A/A	4	FL OZ/A	EPOST	0 a	0 a	0 a
	Choice @ 12 hr	0.417	% V/V	8	FL OZ/A	EPOST			
	Agri-Dex @ 12 hr	1	% V/V	19.2	FL OZ/A	EPOST			
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST			
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST			
5	Newpath @ 24 hr	0.0625	LB A/A	4	FL OZ/A	EPOST	0 a	0 a	0 a
	Choice @ 24 hr	0.417	% V/V	8	FL OZ/A	EPOST			
	Agri-Dex @ 24 hr	1	% V/V	19.2	FL OZ/A	EPOST			
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST			
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST			
6	Newpath @ 0 hr	0.0625	LB A/A	4	FL OZ/A	EPOST	0 a	0 a	0 a
	Quest @ 0 hr	0.25	% V/V	4.8	FL OZ/A	EPOST			
	Agri-Dex @ 0 hr	1	% V/V	19.2	FL OZ/A	EPOST			
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST			
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST			
7	Newpath @ 3 hr	0.0625	LB A/A	4	FL OZ/A	EPOST	0 a	0 a	0 a
	Quest @ 3 hr	0.25	% V/V	4.8	FL OZ/A	EPOST			
	Agri-Dex @ 3 hr	1	% V/V	19.2	FL OZ/A	EPOST			
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST			
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST			
8	Newpath @ 6 hr	0.0625	LB A/A	4	FL OZ/A	EPOST	0 a	0 a	0 a
	Quest @ 6 hr	0.25	% V/V	4.8	FL OZ/A	EPOST			
	Agri-Dex @ 6 hr	1	% V/V	19.2	FL OZ/A	EPOST			
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST			
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST			
9	Newpath @ 12 hr	0.0625	LB A/A	4	FL OZ/A	EPOST	0 a	0 a	0 a
	Quest @ 12 hr	0.25	% V/V	4.8	FL OZ/A	EPOST			
	Agri-Dex @ 12 hr	1	% V/V	19.2	FL OZ/A	EPOST			
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST			
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST			
10	Newpath @ 24 hr	0.0625	LB A/A	4	FL OZ/A	EPOST	0 a	0 a	0 a
	Quest @ 24 hr	0.25	% V/V	4.8	FL OZ/A	EPOST			
	Agri-Dex @ 24 hr	1	% V/V	19.2	FL OZ/A	EPOST			
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST			
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST			
11	Newpath @ 0 hr	0.0625	LB A/A	4	FL OZ/A	EPOST	0 a	0 a	0 a
	Agri-Dex @ 0 hr	1	% V/V	19.2	FL OZ/A	EPOST			
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST			
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST			
12	Newpath @ 3 hr	0.0625	LB A/A	4	FL OZ/A	EPOST	0 a	0 a	0 a
	Agri-Dex @ 3 hr	1	% V/V	19.2	FL OZ/A	EPOST			
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST			
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST			
13	Newpath @ 6 hr	0.0625	LB A/A	4	FL OZ/A	EPOST	0 a	0 a	0 a
	Agri-Dex @ 6 hr	1	% V/V	19.2	FL OZ/A	EPOST			
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST			
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST			

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Pest Code							INJURY	INJURY	INJURY
Rating Date							26/5/10	21/6/10	12/7/10
Rating Data Type									
Rating Unit							%	%	%
Trt-Eval Interval							7 da EPOST	17 da LPOST	38 da LPOST
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	28	29	30
14	Newpath @ 12 hr	0.0625	LB A/A	4	FL OZ/A	EPOST	0 a	0 a	0 a
	Agri-Dex @ 12 hr	1	% V/V	19.2	FL OZ/A	EPOST			
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST			
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST			
15	Newpath @ 24 hr	0.0625	LB A/A	4	FL OZ/A	EPOST	0 a	0 a	0 a
	Agri-Dex @ 24 hr	1	% V/V	19.2	FL OZ/A	EPOST			
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST			
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST			
16	Nontreated						0 a	0 a	0 a
LSD (P=.05)							0.0	0.0	0.0
Standard Deviation							0.0	0.0	0.0
CV							0.0	0.0	0.0
Grand Mean							0.0	0.0	0.0

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Evaluation of Prowl and Prowl Carrier with Newpath

Experiment number	**C10-52**
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
Planting date	4/1/10
Harvest date	8/10/10
Crop/Variety	CL131
Emergence date	4/19/10
Uniform std. treatment	N/A

Application type	EPOST	LPOST
Date applied [mm/dd/yy]	04/26/10	05/11/10
Time [hh:mm-hh:mm]	12:40-12:55P	8:30-8:45A
Incorporation equip./Depth:	N/A	N/A
Air/Soil temperature [F]	83/73	79/78
Relative humidity [%]	53	84
Wind [mph, direction]	4-7,W	4-5, S
Weather [sunny, etc]	sunny	pt. cloudy
Soil/Leaf surface moist	dry/dry	dry/dry
Crop stage/Height	1-2lf/2-3"	4-5lf/6-8"
Sprayer type/MPH	CO_2BkPk/3	CO_2BkPk/3
Nozzle type/Size*	AMFF/110015	AMFF/110015
Boom ht/# Noz/Spacing	15/5/15	15/5/15
GPA/PSI	15/25	15/24
Applied by	JBH	EPW

Weed Species (population)	---------- (height/#leaves) ----------	
BRAPP(200-400m^{-2})	½-2"/1-4lf	¼ -3"/1-4lf
ECHCG(80-150m^{-2})	½-2"/1-4lf	¼ -3"/1-4lf
SEBEX (5-10 m^{-2})		1-4"/1-5lf
AESIN (5-10 m^{-2})		1-4"/1-5lf
ECLAL (20-30 m^{-2})		½ -2/1-3lf
ALRPH (3-5 m^{-2})		6-12"/5-10lf
CYPES (5-10 m^{-2})		3-10"/3-7lf

Flush Dates	4/7, 4/15, 4/29, 5/13
Permanent Flood	5/27

*AMFF – Air mix flat fan nozzles

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Evaluation of Prowl and Prowl Carrier with Newpath

Trial ID: C10-52 Protocol ID: C10-52
Location: RRS-Crowley, LA Study Director:
Investigator: Eric P. Webster

Pest Code							ECHCG	ECHCG	ECHCG	ECHCG	BRAPP
Rating Date							19/5/10	24/5/10	8/6/10	21/6/10	19/5/10
Rating Data Type							Control	Control	Control	Control	Control
Rating Unit							%	%	%	%	%
Trt-Eval Interval							8 da LPOST	13 da LPOST	28 da LPOST	41 da LPOST	8 da LPOST
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	1	2	3	4	5
1	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST	91 a	97 a	91 abc	81 bcd	91 abc
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
2	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST	94 a	98 a	91 abc	84 abc	94 ab
	Prowl H2O	1	LB A/A	2.1	PT/A	EPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
3	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST	92 a	97 a	90 bc	85 ab	89 c
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Prowl H2O	1	LB A/A	2.1	PT/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
4	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST	92 a	98 a	95 a	88 a	95 a
	Prowl	1	LB A/A	2.4	PT/A	EPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
5	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST	91 a	97 a	94 ab	81 bcd	91 abc
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Prowl	1	LB A/A	2.4	PT/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
6	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST	91 a	97 a	94 ab	81 bcd	89 c
	Prowl	1	LB A/A	2.4	PT/A	EPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
7	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST	90 a	97 a	90 bc	79 cd	90 bc
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Prowl	1	LB A/A	2.4	PT/A	LPOST					
8	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST	89 a	97 a	89 c	81 bcd	95 a
	Prowl Carrier	1.25	% V/V	24	FL OZ/A	EPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
9	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST	92 a	97 a	89 c	79 cd	93 abc
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Prowl Carrier	1.25	% V/V	24	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
10	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST	90 a	97 a	91 abc	78 d	91 abc
	Prowl Carrier	1.25	% V/V	24	FL OZ/A	EPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
11	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST	93 a	97 a	91 abc	80 bcd	91 abc
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Prowl Carrier	1.25	% V/V	24	FL OZ/A	LPOST					
12	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST	93 a	98 a	95 a	88 a	91 abc
	Command	0.3	LB A/A	12.8	FL OZ/A	EPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					

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Pest Code							ECHCG	ECHCG	ECHCG	ECHCG	BRAPP
Rating Date							19/5/10	24/5/10	8/6/10	21/6/10	19/5/10
Rating Data Type							Control	Control	Control	Control	Control
Rating Unit							%	%	%	%	%
Trt-Eval Interval							8 da LPOST	13 da LPOST	28 da LPOST	41 da LPOST	8 da LPOST
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	1	2	3	4	5
13	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST	90 a	96 a	91 abc	83 a-d	93 abc
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST					
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST					
	Command	0.3	LB A/A	12.8	FL OZ/A	LPOST					
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST					
14	Nontreated						0 b	0 b	0 d	0 e	0 d
LSD (P=.05)							5.0	2.1	3.8	5.3	4.2
Standard Deviation							3.5	1.5	2.7	3.7	2.9
CV							4.16	1.64	3.16	4.84	3.42
Grand Mean							84.8	90.21	85.09	76.16	85.14

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Pest Code								BRAPP	BRAPP	BRAPP	INJURY	INJURY
Rating Date								24/5/10	8/6/10	21/6/10	19/5/10	24/5/10
Rating Data Type								Control	Control	Control		
Rating Unit								%	%	%	%	%
Trt-Eval Interval								13 da LPOST	28 da LPOST	41 da LPOST	8 da LPOST	13 da LPOST
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage		6	7	8	9	10
1	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST		98 a	91 abc	93 ab	0 a	0 a
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST						
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST						
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST						
2	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST		98 a	93 ab	89 c	0 a	0 a
	Prowl H2O	1	LB A/A	2.1	PT/A	EPOST						
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST						
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST						
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST						
3	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST		98 a	93 ab	91 abc	0 a	0 a
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST						
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST						
	Prowl H2O	1	LB A/A	2.1	PT/A	LPOST						
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST						
4	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST		98 a	94 a	94 a	0 a	0 a
	Prowl	1	LB A/A	2.4	PT/A	EPOST						
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST						
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST						
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST						
5	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST		98 a	90 bc	90 bc	0 a	0 a
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST						
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST						
	Prowl	1	LB A/A	2.4	PT/A	LPOST						
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST						
6	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST		98 a	91 abc	90 bc	0 a	0 a
	Prowl	1	LB A/A	2.4	PT/A	EPOST						
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST						
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST						
7	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST		98 a	93 ab	89 c	0 a	0 a
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST						
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST						
	Prowl	1	LB A/A	2.4	PT/A	LPOST						
8	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST		98 a	93 ab	90 bc	0 a	0 a
	Prowl Carrier	1.25	% V/V	24	FL OZ/A	EPOST						
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST						
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST						
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST						
9	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST		98 a	90 bc	89 c	0 a	0 a
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST						
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST						
	Prowl Carrier	1.25	% V/V	24	FL OZ/A	LPOST						
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST						
10	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST		98 a	90 bc	90 bc	0 a	0 a
	Prowl Carrier	1.25	% V/V	24	FL OZ/A	EPOST						
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST						
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST						
11	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST		98 a	89 c	89 c	0 a	0 a
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST						
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST						
	Prowl Carrier	1.25	% V/V	24	FL OZ/A	LPOST						
12	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST		98 a	94 a	94 a	0 a	0 a
	Command	0.3	LB A/A	12.8	FL OZ/A	EPOST						
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST						
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST						
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST						
13	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST		98 a	91 abc	90 bc	0 a	0 a
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST						
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST						
	Command	0.3	LB A/A	12.8	FL OZ/A	LPOST						
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST						

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Pest Code							BRAPP	BRAPP	BRAPP	INJURY	INJURY
Rating Date							24/5/10	8/6/10	21/6/10	19/5/10	24/5/10
Rating Data Type											
Rating Unit							%	%	%	%	%
Trt-Eval Interval							13 da LPOST	28 da LPOST	41 da LPOST	8 da LPOST	13 da LPOST
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	6	7	8	9	10
14	Nontreated						0 b	0 d	0 d	0 a	0 a
LSD (P=.05)							0.0	3.3	3.7	0.0	0.0
Standard Deviation							0.0	2.3	2.6	0.0	0.0
CV							0.0	2.75	3.04	0.0	0.0
Grand Mean							91.0	85.0	84.02	0.0	0.0

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Pest Code							INJURY	INJURY		
Rating Date							8/6/10	21/6/10	10/8/10	10/8/10
Rating Data Type									Avg. Height	Yield @ 12%
Rating Unit							%	%	cm	lb/acre
Trt-Eval Interval							28 da LPOST	41 da LPOST	Harvest	Harvest
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	11	12	15	18
1	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST	0 a	0 a	88 a	4309 cd
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST				
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST				
2	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST	0 a	0 a	85 a	4096 c-f
	Prowl H2O	1	LB A/A	2.1	PT/A	EPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST				
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST				
3	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST	0 a	0 a	82 a	3866 c-f
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST				
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST				
	Prowl H2O	1	LB A/A	2.1	PT/A	LPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST				
4	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST	0 a	0 a	85 a	5808 a
	Prowl	1	LB A/A	2.4	PT/A	EPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST				
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST				
5	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST	0 a	0 a	84 a	3509 def
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST				
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST				
	Prowl	1	LB A/A	2.4	PT/A	LPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST				
6	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST	0 a	0 a	83 a	4264 cde
	Prowl	1	LB A/A	2.4	PT/A	EPOST				
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST				
7	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST	0 a	0 a	84 a	3776 c-f
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST				
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST				
	Prowl	1	LB A/A	2.4	PT/A	LPOST				
8	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST	0 a	0 a	84 a	4376 bcd
	Prowl Carrier	1.25	% V/V	24	FL OZ/A	EPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST				
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST				
9	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST	0 a	0 a	87 a	3016 ef
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST				
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST				
	Prowl Carrier	1.25	% V/V	24	FL OZ/A	LPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST				
10	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST	0 a	0 a	86 a	3723 c-f
	Prowl Carrier	1.25	% V/V	24	FL OZ/A	EPOST				
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST				
11	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST	0 a	0 a	88 a	2915 f
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST				
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST				
	Prowl Carrier	1.25	% V/V	24	FL OZ/A	LPOST				
12	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST	0 a	0 a	83 a	5617 ab
	Command	0.3	LB A/A	12.8	FL OZ/A	EPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST				
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST				
13	Newpath	0.0625	LB A/A	4	FL OZ/A	EPOST	0 a	0 a	87 a	4835 abc
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EPOST				
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST				
	Command	0.3	LB A/A	12.8	FL OZ/A	LPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST				

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Pest Code							INJURY	INJURY		
Rating Date							8/6/10	21/6/10	10/8/10	10/8/10
Rating Data Type									Avg. Height	Yield @ 12%
Rating Unit							%	%	cm	lb/acre
Trt-Eval Interval							28 da LPOST	41 da LPOST	Harvest	Harvest
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	11	12	15	18
14	Nontreated						0 a	0 a		
LSD (P=.05)							0.0	0.0	5.9	1272.6
Standard Deviation							0.0	0.0	4.1	890.5
CV							0.0	0.0	4.87	21.39
Grand Mean							0.0	0.0	85.09	4162.36

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Ultra Blazer and Londax for Control of Alligatorweed in Clearfield Rice

Experiment number	**C10-53**
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
Planting date	4/1/10
Harvest date	8/10/10
Crop/Variety	CL131
Emergence date	4/19/10
Uniform std. treatment	N/A

Application type	Emergence	MPOST	LPOST
Date applied [mm/dd/yy]	04/21/10	05/03/10	05/10/10
Time [hh:mm-hh:mm]	12:10-12:20P	1:00-1:15P	10:30-10:40A
Incorporation equip./Depth:	N/A	N/A	N/A
Air/Soil temperature [F]	78/73	90/80	82/73
Relative humidity [%]	67	50	77
Wind [mph, direction]	1-2,S	4-7,E	5-7, S
Weather [sunny, etc]	sunny	sunny	sunny
Soil/Leaf surface moist	moist/dry	wet/dry	dry/dry
Crop stage/Height	1lf/1-2"	3-4lf/3-6"	4-5lf/6-8"
Sprayer type/MPH	CO_2BkPk/3	CO_2BkPk/3	CO_2BkPk/3
Nozzle type/Size*	AMFF/110015	AMFF/110015	AMFF/110015
Boom ht/# Noz/Spacing	15/5/15	15/5/15	15/5/15
GPA/PSI	15/24	15/25	15/25
Applied by	TPC	EPW	EPW

Weed Species (population)	---------- (height/#leaves) ----------		
AESIN(10-20m^{-2})	½-1"/cot-2lf	1-2"/1-3lf	3-4"/3-5lf
ALRPH(1-5m^{-2})	2-6"/3-8lf	3-10"/6-10lf	6-12"/6-10lf
BRAPP(100-300m^{-2})	½-1"/1-3lf	¼-1"/1-3lf	
CNPPA(5-10m^{-2})		½-1"/cot-1lf	1-2"/1-3lf
CYPES(10-20m^{-2})	3-6"/2-4lf	4-6"/3-6lf	
ECLAL(50-75m^{-2})		¼-1"/cot-2lf	1-2"/1-4lf
SEBEX(5-10m^{-2})	½-1"/cot-1lf	2-3"/2-3lf	3-5"/3-5lf

Flush Dates	4/7, 4/15, 4/29, 5/13
Permanent Flood	5/27

*AMFF – Air mix flat fan nozzles

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Ultra Blazer and Londax for Control of Alligatorweed in Clearfield Rice

Trial ID: C10-53 Protocol ID: C10-53
Location: RRS-Crowley, LA Study Director:
Investigator: Eric P. Webster

Pest Code							SEBEX	SEBEX	SEBEX	SEBEX
Rating Date							18/5/10	24/5/10	8/6/10	21/6/10
Rating Data Type							Control	Control	Control	Control
Rating Unit							%	%	%	%
Trt-Eval Interval							15 da MPOST	14 da LPOST	29 da LPOST	42 da LPOST
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	1	2	3	4
1	Nontreated						0 c	0 c	0 e	0 b
2	Newpath	0.0625	LB A/A	4	FL OZ/A	EMERGENCE	0 c	0 c	0 e	0 b
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE				
	Newpath	0.0625	LB A/A	4	FL OZ/A	MPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	MPOST				
3	Newpath	0.0625	LB A/A	4	FL OZ/A	EMERGENCE	98 a	98 a	97 ab	95 a
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE				
	Newpath	0.0625	LB A/A	4	FL OZ/A	MPOST				
	Ultra Blazer	0.25	LB A/A	1	PT/A	MPOST				
	Londax	0.0375	LB A/A	1	OZ WT/A	MPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	MPOST				
4	Newpath	0.0625	LB A/A	4	FL OZ/A	EMERGENCE	98 a	98 a	97 a	97 a
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE				
	Newpath	0.0625	LB A/A	4	FL OZ/A	MPOST				
	Ultra Blazer	0.25	LB A/A	1	PT/A	MPOST				
	Londax	0.0626	LB A/A	1.67	OZ WT/A	MPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	MPOST				
5	Newpath	0.0625	LB A/A	4	FL OZ/A	EMERGENCE	98 a	97 a	90 d	96 a
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE				
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST				
	Ultra Blazer	0.25	LB A/A	1	PT/A	LPOST				
	Londax	0.0375	LB A/A	1	OZ WT/A	LPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST				
6	Newpath	0.0625	LB A/A	4	FL OZ/A	EMERGENCE	97 ab	98 a	93 bcd	98 a
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE				
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST				
	Ultra Blazer	0.25	LB A/A	1	PT/A	LPOST				
	Londax	0.0626	LB A/A	1.67	OZ WT/A	LPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST				
7	Newpath	0.0625	LB A/A	4	FL OZ/A	EMERGENCE	97 a	97 a	93 a-d	97 a
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE				
	Newpath	0.0625	LB A/A	4	FL OZ/A	MPOST				
	Storm	0.75	LB A/A	1.5	PT/A	MPOST				
	Londax	0.0375	LB A/A	1	OZ WT/A	MPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	MPOST				
8	Newpath	0.0625	LB A/A	4	FL OZ/A	EMERGENCE	98 a	98 a	92 cd	96 a
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE				
	Newpath	0.0625	LB A/A	4	FL OZ/A	MPOST				
	Storm	0.75	LB A/A	1.5	PT/A	MPOST				
	Londax	0.0626	LB A/A	1.67	OZ WT/A	MPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	MPOST				
9	Newpath	0.0625	LB A/A	4	FL OZ/A	EMERGENCE	95 b	95 b	93 a-d	94 a
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE				
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST				
	Storm	0.75	LB A/A	1.5	PT/A	LPOST				
	Londax	0.0375	LB A/A	1	OZ WT/A	LPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST				
10	Newpath	0.0625	LB A/A	4	FL OZ/A	EMERGENCE	98 a	98 a	93 a-d	95 a
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE				
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST				
	Storm	0.75	LB A/A	1.5	PT/A	LPOST				
	Londax	0.0626	LB A/A	1.67	OZ WT/A	LPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST				

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Pest Code							SEBEX	SEBEX	SEBEX	SEBEX
Rating Date							18/5/10	24/5/10	8/6/10	21/6/10
Rating Data Type							Control	Control	Control	Control
Rating Unit							%	%	%	%
Trt-Eval Interval							15 da MPOST	14 da LPOST	29 da LPOST	42 da LPOST
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	1	2	3	4
11	Newpath	0.0625	LB A/A	4	FL OZ/A	EMERGENCE	98 a	98 a	97 a	95 a
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE				
	Newpath	0.0625	LB A/A	4	FL OZ/A	MPOST				
	Regiment	0.0335	LB A/A	0.67	OZ WT/A	MPOST				
	Londax	0.0375	LB A/A	1	OZ WT/A	MPOST				
	Dyne-A-Pak	0.83	% V/V	16	FL OZ/A	MPOST				
12	Newpath	0.0625	LB A/A	4	FL OZ/A	EMERGENCE	98 a	98 a	97 ab	98 a
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE				
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST				
	Regiment	0.0335	LB A/A	0.67	OZ WT/A	LPOST				
	Londax	0.0375	LB A/A	1	OZ WT/A	LPOST				
	Dyne-A-Pak	0.83	% V/V	16	FL OZ/A	LPOST				
13	Newpath	0.0625	LB A/A	4	FL OZ/A	EMERGENCE	98 a	98 a	95 abc	94 a
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE				
	Newpath	0.0625	LB A/A	4	FL OZ/A	MPOST				
	Ultra Blazer	0.5	LB A/A	2	PT/A	MPOST				
	Londax	0.125	LB A/A	3.34	OZ WT/A	MPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	MPOST				
14	Newpath	0.0625	LB A/A	4	FL OZ/A	EMERGENCE	98 a	98 a	93 a-d	97 a
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE				
	Newpath	0.0625	LB A/A	4	FL OZ/A	MPOST				
	Storm	1.5	LB A/A	3	PT/A	MPOST				
	Londax	0.125	LB A/A	3.34	OZ WT/A	MPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	MPOST				
LSD (P=.05)							1.7	1.7	4.3	4.6
Standard Deviation							1.2	1.2	3.0	3.2
CV							1.43	1.4	3.7	3.88
Grand Mean							83.57	83.7	80.73	82.25

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Pest Code							CNPPA	CNPPA	CNPPA	CNPPA
Rating Date							18/5/10	24/5/10	8/6/10	21/6/10
Rating Data Type							Control	Control	Control	Control
Rating Unit							%	%	%	%
Trt-Eval Interval							15 da MPOST	14 da LPOST	29 da LPOST	42 da LPOST
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	5	6	7	8
1	Nontreated						0 c	0 c	0 c	0 c
2	Newpath	0.0625	LB A/A	4	FL OZ/A	EMERGENCE	70 b	81 b	71 b	63 b
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE				
	Newpath	0.0625	LB A/A	4	FL OZ/A	MPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	MPOST				
3	Newpath	0.0625	LB A/A	4	FL OZ/A	EMERGENCE	98 a	98 a	98 a	98 a
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE				
	Newpath	0.0625	LB A/A	4	FL OZ/A	MPOST				
	Ultra Blazer	0.25	LB A/A	1	PT/A	MPOST				
	Londax	0.0375	LB A/A	1	OZ WT/A	MPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	MPOST				
4	Newpath	0.0625	LB A/A	4	FL OZ/A	EMERGENCE	98 a	98 a	98 a	98 a
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE				
	Newpath	0.0625	LB A/A	4	FL OZ/A	MPOST				
	Ultra Blazer	0.25	LB A/A	1	PT/A	MPOST				
	Londax	0.0626	LB A/A	1.67	OZ WT/A	MPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	MPOST				
5	Newpath	0.0625	LB A/A	4	FL OZ/A	EMERGENCE	98 a	98 a	98 a	98 a
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE				
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST				
	Ultra Blazer	0.25	LB A/A	1	PT/A	LPOST				
	Londax	0.0375	LB A/A	1	OZ WT/A	LPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST				
6	Newpath	0.0625	LB A/A	4	FL OZ/A	EMERGENCE	98 a	98 a	98 a	98 a
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE				
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST				
	Ultra Blazer	0.25	LB A/A	1	PT/A	LPOST				
	Londax	0.0626	LB A/A	1.67	OZ WT/A	LPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST				
7	Newpath	0.0625	LB A/A	4	FL OZ/A	EMERGENCE	98 a	98 a	98 a	98 a
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE				
	Newpath	0.0625	LB A/A	4	FL OZ/A	MPOST				
	Storm	0.75	LB A/A	1.5	PT/A	MPOST				
	Londax	0.0375	LB A/A	1	OZ WT/A	MPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	MPOST				
8	Newpath	0.0625	LB A/A	4	FL OZ/A	EMERGENCE	98 a	98 a	98 a	98 a
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE				
	Newpath	0.0625	LB A/A	4	FL OZ/A	MPOST				
	Storm	0.75	LB A/A	1.5	PT/A	MPOST				
	Londax	0.0626	LB A/A	1.67	OZ WT/A	MPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	MPOST				
9	Newpath	0.0625	LB A/A	4	FL OZ/A	EMERGENCE	98 a	98 a	98 a	98 a
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE				
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST				
	Storm	0.75	LB A/A	1.5	PT/A	LPOST				
	Londax	0.0375	LB A/A	1	OZ WT/A	LPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST				
10	Newpath	0.0625	LB A/A	4	FL OZ/A	EMERGENCE	98 a	98 a	98 a	98 a
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE				
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST				
	Storm	0.75	LB A/A	1.5	PT/A	LPOST				
	Londax	0.0626	LB A/A	1.67	OZ WT/A	LPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST				
11	Newpath	0.0625	LB A/A	4	FL OZ/A	EMERGENCE	98 a	97 a	98 a	98 a
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE				
	Newpath	0.0625	LB A/A	4	FL OZ/A	MPOST				
	Regiment	0.0335	LB A/A	0.67	OZ WT/A	MPOST				
	Londax	0.0375	LB A/A	1	OZ WT/A	MPOST				
	Dyne-A-Pak	0.83	% V/V	16	FL OZ/A	MPOST				

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Pest Code							CNPPA	CNPPA	CNPPA	CNPPA
Rating Date							18/5/10	24/5/10	8/6/10	21/6/10
Rating Data Type							Control	Control	Control	Control
Rating Unit							%	%	%	%
Trt-Eval Interval							15 da MPOST	14 da LPOST	29 da LPOST	42 da LPOST
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	5	6	7	8
12	Newpath	0.0625	LB A/A	4	FL OZ/A	EMERGENCE	98 a	98 a	98 a	98 a
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE				
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST				
	Regiment	0.0335	LB A/A	0.67	OZ WT/A	LPOST				
	Londax	0.0375	LB A/A	1	OZ WT/A	LPOST				
	Dyne-A-Pak	0.83	% V/V	16	FL OZ/A	LPOST				
13	Newpath	0.0625	LB A/A	4	FL OZ/A	EMERGENCE	98 a	98 a	98 a	98 a
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE				
	Newpath	0.0625	LB A/A	4	FL OZ/A	MPOST				
	Ultra Blazer	0.5	LB A/A	2	PT/A	MPOST				
	Londax	0.125	LB A/A	3.34	OZ WT/A	MPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	MPOST				
14	Newpath	0.0625	LB A/A	4	FL OZ/A	EMERGENCE	98 a	98 a	98 a	98 a
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE				
	Newpath	0.0625	LB A/A	4	FL OZ/A	MPOST				
	Storm	1.5	LB A/A	3	PT/A	MPOST				
	Londax	0.125	LB A/A	3.34	OZ WT/A	MPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	MPOST				
LSD (P=.05)							3.1	1.2	1.0	3.7
Standard Deviation							2.2	0.8	0.7	2.6
CV							2.45	0.9	0.75	2.89
Grand Mean							88.98	89.75	89.09	88.46

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

LSU AgCenter
School of Plant, Environmental and Soil Sciences

Pest Code							ECLAL	ECLAL	ECLAL	ECLAL
Rating Date							18/5/10	24/5/10	8/6/10	21/6/10
Rating Data Type							Control	Control	Control	Control
Rating Unit							%	%	%	%
Trt-Eval Interval							15 da MPOST	14 da LPOST	29 da LPOST	42 da LPOST
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	9	10	11	12
1	Nontreated						0 c	0 d	0 c	0 c
2	Newpath	0.0625	LB A/A	4	FL OZ/A	EMERGENCE	13 b	15 c	9 b	8 b
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE				
	Newpath	0.0625	LB A/A	4	FL OZ/A	MPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	MPOST				
3	Newpath	0.0625	LB A/A	4	FL OZ/A	EMERGENCE	98 a	98 a	98 a	98 a
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE				
	Newpath	0.0625	LB A/A	4	FL OZ/A	MPOST				
	Ultra Blazer	0.25	LB A/A	1	PT/A	MPOST				
	Londax	0.0375	LB A/A	1	OZ WT/A	MPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	MPOST				
4	Newpath	0.0625	LB A/A	4	FL OZ/A	EMERGENCE	98 a	98 a	98 a	98 a
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE				
	Newpath	0.0625	LB A/A	4	FL OZ/A	MPOST				
	Ultra Blazer	0.25	LB A/A	1	PT/A	MPOST				
	Londax	0.0626	LB A/A	1.67	OZ WT/A	MPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	MPOST				
5	Newpath	0.0625	LB A/A	4	FL OZ/A	EMERGENCE	98 a	97 ab	98 a	96 a
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE				
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST				
	Ultra Blazer	0.25	LB A/A	1	PT/A	LPOST				
	Londax	0.0375	LB A/A	1	OZ WT/A	LPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST				
6	Newpath	0.0625	LB A/A	4	FL OZ/A	EMERGENCE	98 a	98 a	98 a	96 a
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE				
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST				
	Ultra Blazer	0.25	LB A/A	1	PT/A	LPOST				
	Londax	0.0626	LB A/A	1.67	OZ WT/A	LPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST				
7	Newpath	0.0625	LB A/A	4	FL OZ/A	EMERGENCE	98 a	97 ab	98 a	98 a
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE				
	Newpath	0.0625	LB A/A	4	FL OZ/A	MPOST				
	Storm	0.75	LB A/A	1.5	PT/A	MPOST				
	Londax	0.0375	LB A/A	1	OZ WT/A	MPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	MPOST				
8	Newpath	0.0625	LB A/A	4	FL OZ/A	EMERGENCE	98 a	98 a	98 a	98 a
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE				
	Newpath	0.0625	LB A/A	4	FL OZ/A	MPOST				
	Storm	0.75	LB A/A	1.5	PT/A	MPOST				
	Londax	0.0626	LB A/A	1.67	OZ WT/A	MPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	MPOST				
9	Newpath	0.0625	LB A/A	4	FL OZ/A	EMERGENCE	98 a	95 b	98 a	96 a
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE				
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST				
	Storm	0.75	LB A/A	1.5	PT/A	LPOST				
	Londax	0.0375	LB A/A	1	OZ WT/A	LPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST				
10	Newpath	0.0625	LB A/A	4	FL OZ/A	EMERGENCE	98 a	98 a	98 a	98 a
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE				
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST				
	Storm	0.75	LB A/A	1.5	PT/A	LPOST				
	Londax	0.0626	LB A/A	1.67	OZ WT/A	LPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST				
11	Newpath	0.0625	LB A/A	4	FL OZ/A	EMERGENCE	98 a	98 a	98 a	98 a
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE				
	Newpath	0.0625	LB A/A	4	FL OZ/A	MPOST				
	Regiment	0.0335	LB A/A	0.67	OZ WT/A	MPOST				
	Londax	0.0375	LB A/A	1	OZ WT/A	MPOST				
	Dyne-A-Pak	0.83	% V/V	16	FL OZ/A	MPOST				

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Pest Code							ECLAL	ECLAL	ECLAL	ECLAL
Rating Date							18/5/10	24/5/10	8/6/10	21/6/10
Rating Data Type							Control	Control	Control	Control
Rating Unit							%	%	%	%
Trt-Eval Interval							15 da MPOST	14 da LPOST	29 da LPOST	42 da LPOST
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	9	10	11	12
12	Newpath	0.0625	LB A/A	4	FL OZ/A	EMERGENCE	98 a	98 a	98 a	98 a
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE				
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST				
	Regiment	0.0335	LB A/A	0.67	OZ WT/A	LPOST				
	Londax	0.0375	LB A/A	1	OZ WT/A	LPOST				
	Dyne-A-Pak	0.83	% V/V	16	FL OZ/A	LPOST				
13	Newpath	0.0625	LB A/A	4	FL OZ/A	EMERGENCE	98 a	98 a	98 a	98 a
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE				
	Newpath	0.0625	LB A/A	4	FL OZ/A	MPOST				
	Ultra Blazer	0.5	LB A/A	2	PT/A	MPOST				
	Londax	0.125	LB A/A	3.34	OZ WT/A	MPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	MPOST				
14	Newpath	0.0625	LB A/A	4	FL OZ/A	EMERGENCE	98 a	98 a	98 a	98 a
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE				
	Newpath	0.0625	LB A/A	4	FL OZ/A	MPOST				
	Storm	1.5	LB A/A	3	PT/A	MPOST				
	Londax	0.125	LB A/A	3.34	OZ WT/A	MPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	MPOST				
LSD (P=.05)							1.9	2.7	1.0	2.9
Standard Deviation							1.3	1.9	0.7	2.0
CV							1.57	2.26	0.79	2.39
Grand Mean							84.89	84.77	84.63	84.11

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

LSU AgCenter
School of Plant, Environmental and Soil Sciences

Pest Code							ALRPH	ALRPH	ALRPH	ALRPH
Rating Date							18/5/10	24/5/10	8/6/10	21/6/10
Rating Data Type							Control	Control	Control	Control
Rating Unit							%	%	%	%
Trt-Eval Interval							15 da MPOST	14 da LPOST	29 da LPOST	42 da LPOST
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	13	14	15	16
1	Nontreated						0 d	0 d	0 d	0 f
2	Newpath	0.0625	LB A/A	4	FL OZ/A	EMERGENCE	40 c	53 c	48 c	38 e
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE				
	Newpath	0.0625	LB A/A	4	FL OZ/A	MPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	MPOST				
3	Newpath	0.0625	LB A/A	4	FL OZ/A	EMERGENCE	96 ab	97 ab	96 a	93 abc
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE				
	Newpath	0.0625	LB A/A	4	FL OZ/A	MPOST				
	Ultra Blazer	0.25	LB A/A	1	PT/A	MPOST				
	Londax	0.0375	LB A/A	1	OZ WT/A	MPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	MPOST				
4	Newpath	0.0625	LB A/A	4	FL OZ/A	EMERGENCE	97 ab	97 ab	96 a	94 abc
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE				
	Newpath	0.0625	LB A/A	4	FL OZ/A	MPOST				
	Ultra Blazer	0.25	LB A/A	1	PT/A	MPOST				
	Londax	0.0626	LB A/A	1.67	OZ WT/A	MPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	MPOST				
5	Newpath	0.0625	LB A/A	4	FL OZ/A	EMERGENCE	96 ab	94 b	92 ab	91 c
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE				
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST				
	Ultra Blazer	0.25	LB A/A	1	PT/A	LPOST				
	Londax	0.0375	LB A/A	1	OZ WT/A	LPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST				
6	Newpath	0.0625	LB A/A	4	FL OZ/A	EMERGENCE	94 ab	95 ab	86 b	86 d
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE				
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST				
	Ultra Blazer	0.25	LB A/A	1	PT/A	LPOST				
	Londax	0.0626	LB A/A	1.67	OZ WT/A	LPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST				
7	Newpath	0.0625	LB A/A	4	FL OZ/A	EMERGENCE	97 ab	97 ab	96 a	98 a
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE				
	Newpath	0.0625	LB A/A	4	FL OZ/A	MPOST				
	Storm	0.75	LB A/A	1.5	PT/A	MPOST				
	Londax	0.0375	LB A/A	1	OZ WT/A	MPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	MPOST				
8	Newpath	0.0625	LB A/A	4	FL OZ/A	EMERGENCE	96 ab	97 ab	94 a	96 abc
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE				
	Newpath	0.0625	LB A/A	4	FL OZ/A	MPOST				
	Storm	0.75	LB A/A	1.5	PT/A	MPOST				
	Londax	0.0626	LB A/A	1.67	OZ WT/A	MPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	MPOST				
9	Newpath	0.0625	LB A/A	4	FL OZ/A	EMERGENCE	93 b	95 ab	94 a	93 bc
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE				
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST				
	Storm	0.75	LB A/A	1.5	PT/A	LPOST				
	Londax	0.0375	LB A/A	1	OZ WT/A	LPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST				
10	Newpath	0.0625	LB A/A	4	FL OZ/A	EMERGENCE	97 ab	97 ab	92 ab	95 abc
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE				
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST				
	Storm	0.75	LB A/A	1.5	PT/A	LPOST				
	Londax	0.0626	LB A/A	1.67	OZ WT/A	LPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST				
11	Newpath	0.0625	LB A/A	4	FL OZ/A	EMERGENCE	98 a	98 a	98 a	97 ab
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE				
	Newpath	0.0625	LB A/A	4	FL OZ/A	MPOST				
	Regiment	0.0335	LB A/A	0.67	OZ WT/A	MPOST				
	Londax	0.0375	LB A/A	1	OZ WT/A	MPOST				
	Dyne-A-Pak	0.83	% V/V	16	FL OZ/A	MPOST				

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School of Plant, Environmental and Soil Sciences

Pest Code							ALRPH	ALRPH	ALRPH	ALRPH
Rating Date							18/5/10	24/5/10	8/6/10	21/6/10
Rating Data Type							Control	Control	Control	Control
Rating Unit							%	%	%	%
Trt-Eval Interval							15 da MPOST	14 da LPOST	29 da LPOST	42 da LPOST
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	13	14	15	16
12	Newpath	0.0625	LB A/A	4	FL OZ/A	EMERGENCE	97 ab	97 ab	95 a	98 a
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE				
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST				
	Regiment	0.0335	LB A/A	0.67	OZ WT/A	LPOST				
	Londax	0.0375	LB A/A	1	OZ WT/A	LPOST				
	Dyne-A-Pak	0.83	% V/V	16	FL OZ/A	LPOST				
13	Newpath	0.0625	LB A/A	4	FL OZ/A	EMERGENCE	97 ab	98 a	96 a	96 abc
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE				
	Newpath	0.0625	LB A/A	4	FL OZ/A	MPOST				
	Ultra Blazer	0.5	LB A/A	2	PT/A	MPOST				
	Londax	0.125	LB A/A	3.34	OZ WT/A	MPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	MPOST				
14	Newpath	0.0625	LB A/A	4	FL OZ/A	EMERGENCE	96 ab	98 a	96 a	96 abc
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE				
	Newpath	0.0625	LB A/A	4	FL OZ/A	MPOST				
	Storm	1.5	LB A/A	3	PT/A	MPOST				
	Londax	0.125	LB A/A	3.34	OZ WT/A	MPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	MPOST				
LSD (P=.05)							4.4	3.4	7.6	5.0
Standard Deviation							3.1	2.4	5.3	3.5
CV							3.63	2.72	6.32	4.15
Grand Mean							85.25	86.64	84.14	83.61

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

LSU AgCenter
School of Plant, Environmental and Soil Sciences

Pest Code							INJURY	INJURY	INJURY	INJURY
Rating Date							18/5/10	24/5/10	8/6/10	21/6/10
Rating Data Type										
Rating Unit							%	%	%	%
Trt-Eval Interval							15 da MPOST	14 da LPOST	29 da LPOST	42 da LPOST
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	17	18	19	20
1	Nontreated						0 a	0 a	0 a	0 a
2	Newpath	0.0625	LB A/A	4	FL OZ/A	EMERGENCE	0 a	0 a	0 a	0 a
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE				
	Newpath	0.0625	LB A/A	4	FL OZ/A	MPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	MPOST				
3	Newpath	0.0625	LB A/A	4	FL OZ/A	EMERGENCE	0 a	0 a	0 a	0 a
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE				
	Newpath	0.0625	LB A/A	4	FL OZ/A	MPOST				
	Ultra Blazer	0.25	LB A/A	1	PT/A	MPOST				
	Londax	0.0375	LB A/A	1	OZ WT/A	MPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	MPOST				
4	Newpath	0.0625	LB A/A	4	FL OZ/A	EMERGENCE	0 a	0 a	0 a	0 a
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE				
	Newpath	0.0625	LB A/A	4	FL OZ/A	MPOST				
	Ultra Blazer	0.25	LB A/A	1	PT/A	MPOST				
	Londax	0.0626	LB A/A	1.67	OZ WT/A	MPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	MPOST				
5	Newpath	0.0625	LB A/A	4	FL OZ/A	EMERGENCE	0 a	0 a	0 a	0 a
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE				
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST				
	Ultra Blazer	0.25	LB A/A	1	PT/A	LPOST				
	Londax	0.0375	LB A/A	1	OZ WT/A	LPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST				
6	Newpath	0.0625	LB A/A	4	FL OZ/A	EMERGENCE	0 a	0 a	0 a	0 a
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE				
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST				
	Ultra Blazer	0.25	LB A/A	1	PT/A	LPOST				
	Londax	0.0626	LB A/A	1.67	OZ WT/A	LPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST				
7	Newpath	0.0625	LB A/A	4	FL OZ/A	EMERGENCE	0 a	0 a	0 a	0 a
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE				
	Newpath	0.0625	LB A/A	4	FL OZ/A	MPOST				
	Storm	0.75	LB A/A	1.5	PT/A	MPOST				
	Londax	0.0375	LB A/A	1	OZ WT/A	MPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	MPOST				
8	Newpath	0.0625	LB A/A	4	FL OZ/A	EMERGENCE	0 a	0 a	0 a	0 a
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE				
	Newpath	0.0625	LB A/A	4	FL OZ/A	MPOST				
	Storm	0.75	LB A/A	1.5	PT/A	MPOST				
	Londax	0.0626	LB A/A	1.67	OZ WT/A	MPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	MPOST				
9	Newpath	0.0625	LB A/A	4	FL OZ/A	EMERGENCE	0 a	0 a	0 a	0 a
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE				
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST				
	Storm	0.75	LB A/A	1.5	PT/A	LPOST				
	Londax	0.0375	LB A/A	1	OZ WT/A	LPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST				
10	Newpath	0.0625	LB A/A	4	FL OZ/A	EMERGENCE	0 a	0 a	0 a	0 a
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE				
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST				
	Storm	0.75	LB A/A	1.5	PT/A	LPOST				
	Londax	0.0626	LB A/A	1.67	OZ WT/A	LPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST				
11	Newpath	0.0625	LB A/A	4	FL OZ/A	EMERGENCE	0 a	0 a	0 a	0 a
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE				
	Newpath	0.0625	LB A/A	4	FL OZ/A	MPOST				
	Regiment	0.0335	LB A/A	0.67	OZ WT/A	MPOST				
	Londax	0.0375	LB A/A	1	OZ WT/A	MPOST				
	Dyne-A-Pak	0.83	% V/V	16	FL OZ/A	MPOST				

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Pest Code							INJURY	INJURY	INJURY	INJURY
Rating Date							18/5/10	24/5/10	8/6/10	21/6/10
Rating Data Type										
Rating Unit							%	%	%	%
Trt-Eval Interval							15 da MPOST	14 da LPOST	29 da LPOST	42 da LPOST
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	17	18	19	20
12	Newpath	0.0625	LB A/A	4	FL OZ/A	EMERGENCE	0 a	0 a	0 a	0 a
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE				
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST				
	Regiment	0.0335	LB A/A	0.67	OZ WT/A	LPOST				
	Londax	0.0375	LB A/A	1	OZ WT/A	LPOST				
	Dyne-A-Pak	0.83	% V/V	16	FL OZ/A	LPOST				
13	Newpath	0.0625	LB A/A	4	FL OZ/A	EMERGENCE	0 a	0 a	0 a	0 a
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE				
	Newpath	0.0625	LB A/A	4	FL OZ/A	MPOST				
	Ultra Blazer	0.5	LB A/A	2	PT/A	MPOST				
	Londax	0.125	LB A/A	3.34	OZ WT/A	MPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	MPOST				
14	Newpath	0.0625	LB A/A	4	FL OZ/A	EMERGENCE	0 a	0 a	0 a	0 a
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE				
	Newpath	0.0625	LB A/A	4	FL OZ/A	MPOST				
	Storm	1.5	LB A/A	3	PT/A	MPOST				
	Londax	0.125	LB A/A	3.34	OZ WT/A	MPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	MPOST				
LSD (P=.05)							0.0	0.0	0.0	0.0
Standard Deviation							0.0	0.0	0.0	0.0
CV							0.0	0.0	0.0	0.0
Grand Mean							0.0	0.0	0.0	0.0

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Pest Code								
Rating Date							10/8/10	10/8/10
Rating Data Type							Yield @ 12%	Avg. Height
Rating Unit							lb/A	cm
Trt-Eval Interval							Harvest	Harvest
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	23	26
1	Nontreated							
2	Newpath	0.0625	LB A/A	4	FL OZ/A	EMERGENCE	5125 de	86 a
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE		
	Newpath	0.0625	LB A/A	4	FL OZ/A	MPOST		
	Agri-Dex	1	% V/V	19.2	FL OZ/A	MPOST		
3	Newpath	0.0625	LB A/A	4	FL OZ/A	EMERGENCE	5665 a-d	86 a
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE		
	Newpath	0.0625	LB A/A	4	FL OZ/A	MPOST		
	Ultra Blazer	0.25	LB A/A	1	PT/A	MPOST		
	Londax	0.0375	LB A/A	1	OZ WT/A	MPOST		
	Agri-Dex	1	% V/V	19.2	FL OZ/A	MPOST		
4	Newpath	0.0625	LB A/A	4	FL OZ/A	EMERGENCE	5326 b-e	86 a
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE		
	Newpath	0.0625	LB A/A	4	FL OZ/A	MPOST		
	Ultra Blazer	0.25	LB A/A	1	PT/A	MPOST		
	Londax	0.0626	LB A/A	1.67	OZ WT/A	MPOST		
	Agri-Dex	1	% V/V	19.2	FL OZ/A	MPOST		
5	Newpath	0.0625	LB A/A	4	FL OZ/A	EMERGENCE	5392 a-e	86 a
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE		
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST		
	Ultra Blazer	0.25	LB A/A	1	PT/A	LPOST		
	Londax	0.0375	LB A/A	1	OZ WT/A	LPOST		
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST		
6	Newpath	0.0625	LB A/A	4	FL OZ/A	EMERGENCE	5258 cde	88 a
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE		
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST		
	Ultra Blazer	0.25	LB A/A	1	PT/A	LPOST		
	Londax	0.0626	LB A/A	1.67	OZ WT/A	LPOST		
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST		
7	Newpath	0.0625	LB A/A	4	FL OZ/A	EMERGENCE	5567 a-e	88 a
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE		
	Newpath	0.0625	LB A/A	4	FL OZ/A	MPOST		
	Storm	0.75	LB A/A	1.5	PT/A	MPOST		
	Londax	0.0375	LB A/A	1	OZ WT/A	MPOST		
	Agri-Dex	1	% V/V	19.2	FL OZ/A	MPOST		
8	Newpath	0.0625	LB A/A	4	FL OZ/A	EMERGENCE	5719 a-d	87 a
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE		
	Newpath	0.0625	LB A/A	4	FL OZ/A	MPOST		
	Storm	0.75	LB A/A	1.5	PT/A	MPOST		
	Londax	0.0626	LB A/A	1.67	OZ WT/A	MPOST		
	Agri-Dex	1	% V/V	19.2	FL OZ/A	MPOST		
9	Newpath	0.0625	LB A/A	4	FL OZ/A	EMERGENCE	4572 e	81 b
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE		
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST		
	Storm	0.75	LB A/A	1.5	PT/A	LPOST		
	Londax	0.0375	LB A/A	1	OZ WT/A	LPOST		
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST		
10	Newpath	0.0625	LB A/A	4	FL OZ/A	EMERGENCE	6382 ab	86 a
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE		
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST		
	Storm	0.75	LB A/A	1.5	PT/A	LPOST		
	Londax	0.0626	LB A/A	1.67	OZ WT/A	LPOST		
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST		
11	Newpath	0.0625	LB A/A	4	FL OZ/A	EMERGENCE	6454 a	88 a
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE		
	Newpath	0.0625	LB A/A	4	FL OZ/A	MPOST		
	Regiment	0.0335	LB A/A	0.67	OZ WT/A	MPOST		
	Londax	0.0375	LB A/A	1	OZ WT/A	MPOST		
	Dyne-A-Pak	0.83	% V/V	16	FL OZ/A	MPOST		

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Pest Code								
Rating Date							10/8/10	10/8/10
Rating Data Type							Yield @ 12%	Avg. Height
Rating Unit							lb/A	cm
Trt-Eval Interval							Harvest	Harvest
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	23	26
12	Newpath	0.0625	LB A/A	4	FL OZ/A	EMERGENCE	6125 a-d	88 a
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE		
	Newpath	0.0625	LB A/A	4	FL OZ/A	LPOST		
	Regiment	0.0335	LB A/A	0.67	OZ WT/A	LPOST		
	Londax	0.0375	LB A/A	1	OZ WT/A	LPOST		
	Dyne-A-Pak	0.83	% V/V	16	FL OZ/A	LPOST		
13	Newpath	0.0625	LB A/A	4	FL OZ/A	EMERGENCE	5696 a-d	88 a
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE		
	Newpath	0.0625	LB A/A	4	FL OZ/A	MPOST		
	Ultra Blazer	0.5	LB A/A	2	PT/A	MPOST		
	Londax	0.125	LB A/A	3.34	OZ WT/A	MPOST		
	Agri-Dex	1	% V/V	19.2	FL OZ/A	MPOST		
14	Newpath	0.0625	LB A/A	4	FL OZ/A	EMERGENCE	6287 abc	88 a
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE		
	Newpath	0.0625	LB A/A	4	FL OZ/A	MPOST		
	Storm	1.5	LB A/A	3	PT/A	MPOST		
	Londax	0.125	LB A/A	3.34	OZ WT/A	MPOST		
	Agri-Dex	1	% V/V	19.2	FL OZ/A	MPOST		
LSD (P=.05)							1086.9	3.7
Standard Deviation							760.5	2.6
CV							13.44	2.98
Grand Mean							5659.1	86.7

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Ultra Blazer and Londax for Control of Alligatorweed in Conventional Rice

Experiment number	**C10-54**
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
Planting date	4/1/10
Harvest date	8/10/10
Crop/Variety	CL131
Emergence date	4/19/10
Uniform std. treatment	N/A

Application type	Emergence	MPOST	LPOST
Date applied [mm/dd/yy]	04/21/10	05/03/10	05/10/10
Time [hh:mm-hh:mm]	12:20-12:30P	1:30-1:45P	10:15-10:30A
Incorporation equip./Depth:	N/A	N/A	N/A
Air/Soil temperature [F]	78/73	90/80	81/72
Relative humidity [%]	67	50	77
Wind [mph, direction]	2-3,S	4-7,E	5-7, S
Weather [sunny, etc]	sunny	sunny	sunny
Soil/Leaf surface moist	moist/dry	wet/dry	dry/dry
Crop stage/Height	1lf/1-2"	3-4lf/3-6"	4-5lf/6-8"
Sprayer type/MPH	CO_2BkPk/3	CO_2BkPk/3	CO_2BkPk/3
Nozzle type/Size*	AMFF/110015	AMFF/110015	AMFF/110015
Boom ht/# Noz/Spacing	15/5/15	15/5/15	15/5/15
GPA/PSI	15/24	15/25	15/25
Applied by	TPC	EPW	EPW

Weed Species (population)	---------- (height/#leaves) ----------		
AESIN(10-20m^{-2})	½-1"/cot-2lf	1-2"/1-3lf	3-4"/3-4lf
ALRPH(5-10m^{-2})	2-6"/3-8lf	3-12"/3-10lf	6-15"/6-12lf
BRAPP(100-300m^{-2})	½-1"/1-3lf		
CNPPA(5-10m^{-2})		1-2"/cot-1lf	1-3"/1-3lf
CYPES(10-20m^{-2})	3-6"/2-4lf		
SEBEX(5-10m^{-2})	½-1"/cot-1lf	1-2"/1-3lf	3-5"/3-4lf

Flush Dates	4/7, 4/15, 4/29, 5/13
Permanent Flood	5/27

*AMFF – Air mix flat fan nozzles

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Ultra Blazer and Londax for Control of Alligatorweed in Conventional Rice

Trial ID: C10-54 Protocol ID: C10-54
Location: RRS-Crowley, LA Study Director:
Investigator: Eric P. Webster

Pest Code							ALRPH	ALRPH	ALRPH	ALRPH
Rating Date							18/5/10	24/5/10	7/6/10	21/6/10
Rating Data Type							Control	Control	Control	Control
Rating Unit							%	%	%	%
Trt-Eval Interval							15 da MPOST	14 da LPOST	28 da LPOST	42 da LPOST
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	1	2	3	4
1	Nontreated						0 e	0 f	0 d	0 d
	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE				
2	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	90 bcd	83 de	35 c	18 b
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE				
	Ultra Blazer	0.25	LB A/A	1	PT/A	MPOST				
	Londax	0.0375	LB A/A	1	OZ WT/A	MPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	MPOST				
3	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	93 abc	84 cd	35 c	10 c
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE				
	Ultra Blazer	0.25	LB A/A	1	PT/A	MPOST				
	Londax	0.0626	LB A/A	1.67	OZ WT/A	MPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	MPOST				
4	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	87 cd	80 de	49 bc	10 c
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE				
	Ultra Blazer	0.25	LB A/A	1	PT/A	LPOST				
	Londax	0.0375	LB A/A	1	OZ WT/A	LPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST				
5	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	91 a-d	84 cd	58 b	13 bc
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE				
	Ultra Blazer	0.25	LB A/A	1	PT/A	LPOST				
	Londax	0.0626	LB A/A	1.67	OZ WT/A	LPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST				
6	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	95 ab	86 bcd	45 bc	13 bc
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE				
	Storm	0.75	LB A/A	1.5	PT/A	MPOST				
	Londax	0.0375	LB A/A	1	OZ WT/A	MPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	MPOST				
7	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	92 a-d	91 abc	55 b	18 b
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE				
	Storm	0.75	LB A/A	1.5	PT/A	MPOST				
	Londax	0.0626	LB A/A	1.67	OZ WT/A	MPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	MPOST				
8	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	91 a-d	83 de	43 bc	10 c
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE				
	Storm	0.75	LB A/A	1.5	PT/A	LPOST				
	Londax	0.0375	LB A/A	1	OZ WT/A	LPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST				
9	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	86 d	75 e	43 bc	10 c
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE				
	Storm	0.75	LB A/A	1.5	PT/A	LPOST				
	Londax	0.0626	LB A/A	1.67	OZ WT/A	LPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST				
10	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	98 a	97 a	90 a	88 a
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE				
	Regiment	0.0335	LB A/A	0.67	OZ WT/A	MPOST				
	Londax	0.0375	LB A/A	1	OZ WT/A	MPOST				
	Dyne-A-Pak	0.83	% V/V	16	FL OZ/A	MPOST				
11	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	94 ab	96 a	84 a	88 a
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE				
	Regiment	0.0335	LB A/A	0.67	OZ WT/A	LPOST				
	Londax	0.0375	LB A/A	1	OZ WT/A	LPOST				
	Dyne-A-Pak	0.83	% V/V	16	FL OZ/A	LPOST				

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Pest Code							ALRPH	ALRPH	ALRPH	ALRPH
Rating Date							18/5/10	24/5/10	7/6/10	21/6/10
Rating Data Type							Control	Control	Control	Control
Rating Unit							%	%	%	%
Trt-Eval Interval							15 da MPOST	14 da LPOST	28 da LPOST	42 da LPOST
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	1	2	3	4
12	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	96 a	95 ab	51 bc	10 c
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE				
	Ultra Blazer	0.5	LB A/A	2	PT/A	MPOST				
	Londax	0.125	LB A/A	3.34	OZ WT/A	MPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	MPOST				
13	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	97 a	95 a	60 b	10 c
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE				
	Storm	1.5	LB A/A	3	PT/A	MPOST				
	Londax	0.125	LB A/A	3.34	OZ WT/A	MPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	MPOST				
LSD (P=.05)							6.6	8.6	19.3	5.9
Standard Deviation							4.6	6.0	13.5	4.1
CV							5.38	7.49	27.12	18.16
Grand Mean							85.29	80.52	49.71	22.69

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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School of Plant, Environmental and Soil Sciences

Pest Code							CNPPA	CNPPA	CNPPA	CNPPA
Rating Date							18/5/10	24/5/10	7/6/10	21/6/10
Rating Data Type							Control	Control	Control	Control
Rating Unit							%	%	%	%
Trt-Eval Interval							15 da MPOST	14 da LPOST	28 da LPOST	42 da LPOST
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	5	6	7	8
1	Nontreated						0 b	0 b	0 c	0 b
	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE				
2	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	97 a	97 a	85 b	88 a
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE				
	Ultra Blazer	0.25	LB A/A	1	PT/A	MPOST				
	Londax	0.0375	LB A/A	1	OZ WT/A	MPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	MPOST				
3	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	98 a	98 a	90 a	90 a
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE				
	Ultra Blazer	0.25	LB A/A	1	PT/A	MPOST				
	Londax	0.0626	LB A/A	1.67	OZ WT/A	MPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	MPOST				
4	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	97 a	98 a	90 a	90 a
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE				
	Ultra Blazer	0.25	LB A/A	1	PT/A	LPOST				
	Londax	0.0375	LB A/A	1	OZ WT/A	LPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST				
5	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	98 a	98 a	91 a	90 a
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE				
	Ultra Blazer	0.25	LB A/A	1	PT/A	LPOST				
	Londax	0.0626	LB A/A	1.67	OZ WT/A	LPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST				
6	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	98 a	97 a	89 ab	90 a
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE				
	Storm	0.75	LB A/A	1.5	PT/A	MPOST				
	Londax	0.0375	LB A/A	1	OZ WT/A	MPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	MPOST				
7	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	98 a	98 a	91 a	90 a
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE				
	Storm	0.75	LB A/A	1.5	PT/A	MPOST				
	Londax	0.0626	LB A/A	1.67	OZ WT/A	MPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	MPOST				
8	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	98 a	98 a	89 ab	90 a
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE				
	Storm	0.75	LB A/A	1.5	PT/A	LPOST				
	Londax	0.0375	LB A/A	1	OZ WT/A	LPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST				
9	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	98 a	98 a	90 a	90 a
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE				
	Storm	0.75	LB A/A	1.5	PT/A	LPOST				
	Londax	0.0626	LB A/A	1.67	OZ WT/A	LPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST				
10	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	98 a	98 a	91 a	88 a
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE				
	Regiment	0.0335	LB A/A	0.67	OZ WT/A	MPOST				
	Londax	0.0375	LB A/A	1	OZ WT/A	MPOST				
	Dyne-A-Pak	0.83	% V/V	16	FL OZ/A	MPOST				
11	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	98 a	98 a	91 a	90 a
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE				
	Regiment	0.0335	LB A/A	0.67	OZ WT/A	LPOST				
	Londax	0.0375	LB A/A	1	OZ WT/A	LPOST				
	Dyne-A-Pak	0.83	% V/V	16	FL OZ/A	LPOST				
12	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	98 a	98 a	91 a	90 a
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE				
	Ultra Blazer	0.5	LB A/A	2	PT/A	MPOST				
	Londax	0.125	LB A/A	3.34	OZ WT/A	MPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	MPOST				

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Pest Code							CNPPA	CNPPA	CNPPA	CNPPA
Rating Date							18/5/10	24/5/10	7/6/10	21/6/10
Rating Data Type							Control	Control	Control	Control
Rating Unit							%	%	%	%
Trt-Eval Interval							15 da MPOST	14 da LPOST	28 da LPOST	42 da LPOST
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	5	6	7	8
13	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	98 a	98 a	90 a	90 a
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE				
	Storm	1.5	LB A/A	3	PT/A	MPOST				
	Londax	0.125	LB A/A	3.34	OZ WT/A	MPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	MPOST				
LSD (P=.05)							0.9	0.9	4.8	2.8
Standard Deviation							0.6	0.6	3.4	2.0
CV							0.66	0.66	4.07	2.4
Grand Mean							90.35	90.35	82.98	82.69

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Pest Code							SEBEX	SEBEX	SEBEX	SEBEX
Rating Date							18/5/10	24/5/10	7/6/10	21/6/10
Rating Data Type							Control	Control	Control	Control
Rating Unit							%	%	%	%
Trt-Eval Interval							15 da MPOST	14 da LPOST	28 da LPOST	42 da LPOST
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	9	10	11	12
1	Nontreated						0 c	0 b	0 e	0 e
	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE				
2	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	98 a	98 a	85 bc	80 abc
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE				
	Ultra Blazer	0.25	LB A/A	1	PT/A	MPOST				
	Londax	0.0375	LB A/A	1	OZ WT/A	MPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	MPOST				
3	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	98 a	98 a	89 ab	80 abc
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE				
	Ultra Blazer	0.25	LB A/A	1	PT/A	MPOST				
	Londax	0.0626	LB A/A	1.67	OZ WT/A	MPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	MPOST				
4	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	98 a	97 a	88 ab	60 d
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE				
	Ultra Blazer	0.25	LB A/A	1	PT/A	LPOST				
	Londax	0.0375	LB A/A	1	OZ WT/A	LPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST				
5	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	98 a	98 a	83 cd	83 abc
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE				
	Ultra Blazer	0.25	LB A/A	1	PT/A	LPOST				
	Londax	0.0626	LB A/A	1.67	OZ WT/A	LPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST				
6	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	98 a	97 a	91 a	80 abc
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE				
	Storm	0.75	LB A/A	1.5	PT/A	MPOST				
	Londax	0.0375	LB A/A	1	OZ WT/A	MPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	MPOST				
7	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	98 a	98 a	89 ab	75 bc
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE				
	Storm	0.75	LB A/A	1.5	PT/A	MPOST				
	Londax	0.0626	LB A/A	1.67	OZ WT/A	MPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	MPOST				
8	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	96 b	98 a	79 d	60 d
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE				
	Storm	0.75	LB A/A	1.5	PT/A	LPOST				
	Londax	0.0375	LB A/A	1	OZ WT/A	LPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST				
9	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	98 a	98 a	88 ab	70 cd
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE				
	Storm	0.75	LB A/A	1.5	PT/A	LPOST				
	Londax	0.0626	LB A/A	1.67	OZ WT/A	LPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST				
10	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	98 a	98 a	91 a	90 a
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE				
	Regiment	0.0335	LB A/A	0.67	OZ WT/A	MPOST				
	Londax	0.0375	LB A/A	1	OZ WT/A	MPOST				
	Dyne-A-Pak	0.83	% V/V	16	FL OZ/A	MPOST				
11	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	98 a	98 a	90 a	88 ab
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE				
	Regiment	0.0335	LB A/A	0.67	OZ WT/A	LPOST				
	Londax	0.0375	LB A/A	1	OZ WT/A	LPOST				
	Dyne-A-Pak	0.83	% V/V	16	FL OZ/A	LPOST				
12	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	98 a	98 a	89 ab	75 bc
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE				
	Ultra Blazer	0.5	LB A/A	2	PT/A	MPOST				
	Londax	0.125	LB A/A	3.34	OZ WT/A	MPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	MPOST				

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Pest Code							SEBEX	SEBEX	SEBEX	SEBEX
Rating Date							18/5/10	24/5/10	7/6/10	21/6/10
Rating Data Type							Control	Control	Control	Control
Rating Unit							%	%	%	%
Trt-Eval Interval							15 da MPOST	14 da LPOST	28 da LPOST	42 da LPOST
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	9	10	11	12
13	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	98 a	98 a	89 ab	70 cd
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE				
	Storm	1.5	LB A/A	3	PT/A	MPOST				
	Londax	0.125	LB A/A	3.34	OZ WT/A	MPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	MPOST				
LSD (P=.05)							1.6	0.8	4.9	13.3
Standard Deviation							1.1	0.6	3.4	9.3
CV							1.23	0.62	4.22	13.3
Grand Mean							90.31	90.35	80.63	70.0

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Pest Code							AESIN	AESIN	AESIN	AESIN
Rating Date							18/5/10	24/5/10	7/6/10	21/6/10
Rating Data Type							Control	Control	Control	Control
Rating Unit							%	%	%	%
Trt-Eval Interval							15 da MPOST	14 da LPOST	28 da LPOST	42 da LPOST
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	13	14	15	16
1	Nontreated						0 c	0 b	0 d	0 e
	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE				
2	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	98 a	97 a	88 abc	68 cd
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE				
	Ultra Blazer	0.25	LB A/A	1	PT/A	MPOST				
	Londax	0.0375	LB A/A	1	OZ WT/A	MPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	MPOST				
3	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	98 a	98 a	89 abc	80 abc
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE				
	Ultra Blazer	0.25	LB A/A	1	PT/A	MPOST				
	Londax	0.0626	LB A/A	1.67	OZ WT/A	MPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	MPOST				
4	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	98 a	98 a	85 bc	68 cd
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE				
	Ultra Blazer	0.25	LB A/A	1	PT/A	LPOST				
	Londax	0.0375	LB A/A	1	OZ WT/A	LPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST				
5	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	98 a	97 a	84 c	83 ab
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE				
	Ultra Blazer	0.25	LB A/A	1	PT/A	LPOST				
	Londax	0.0626	LB A/A	1.67	OZ WT/A	LPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST				
6	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	98 a	98 a	90 ab	73 bcd
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE				
	Storm	0.75	LB A/A	1.5	PT/A	MPOST				
	Londax	0.0375	LB A/A	1	OZ WT/A	MPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	MPOST				
7	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	98 a	98 a	91 a	78 a-d
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE				
	Storm	0.75	LB A/A	1.5	PT/A	MPOST				
	Londax	0.0626	LB A/A	1.67	OZ WT/A	MPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	MPOST				
8	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	97 b	98 a	84 c	65 d
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE				
	Storm	0.75	LB A/A	1.5	PT/A	LPOST				
	Londax	0.0375	LB A/A	1	OZ WT/A	LPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST				
9	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	98 a	98 a	88 abc	73 bcd
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE				
	Storm	0.75	LB A/A	1.5	PT/A	LPOST				
	Londax	0.0626	LB A/A	1.67	OZ WT/A	LPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST				
10	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	98 a	98 a	90 ab	88 a
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE				
	Regiment	0.0335	LB A/A	0.67	OZ WT/A	MPOST				
	Londax	0.0375	LB A/A	1	OZ WT/A	MPOST				
	Dyne-A-Pak	0.83	% V/V	16	FL OZ/A	MPOST				
11	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	98 a	98 a	90 ab	88 a
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE				
	Regiment	0.0335	LB A/A	0.67	OZ WT/A	LPOST				
	Londax	0.0375	LB A/A	1	OZ WT/A	LPOST				
	Dyne-A-Pak	0.83	% V/V	16	FL OZ/A	LPOST				
12	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	98 a	98 a	90 ab	78 a-d
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE				
	Ultra Blazer	0.5	LB A/A	2	PT/A	MPOST				
	Londax	0.125	LB A/A	3.34	OZ WT/A	MPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	MPOST				

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Pest Code							AESIN	AESIN	AESIN	AESIN
Rating Date							18/5/10	24/5/10	7/6/10	21/6/10
Rating Data Type							Control	Control	Control	Control
Rating Unit							%	%	%	%
Trt-Eval Interval							15 da MPOST	14 da LPOST	28 da LPOST	42 da LPOST
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	13	14	15	16
13	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	98 a	98 a	86 abc	73 bcd
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE				
	Storm	1.5	LB A/A	3	PT/A	MPOST				
	Londax	0.125	LB A/A	3.34	OZ WT/A	MPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	MPOST				
LSD (P=.05)							0.6	0.9	5.3	13.1
Standard Deviation							0.4	0.6	3.7	9.1
CV							0.46	0.66	4.62	13.05
Grand Mean							90.4	90.35	81.06	70.0

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Pest Code							INJURY	INJURY	INJURY	INJURY
Rating Date							18/5/10	24/5/10	7/6/10	21/6/10
Rating Data Type										
Rating Unit							%	%	%	%
Trt-Eval Interval							15 da MPOST	14 da LPOST	28 da LPOST	42 da LPOST
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	17	18	19	20
1	Nontreated						0 a	0 a	0 a	0 a
	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE				
2	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	0 a	0 a	0 a	0 a
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE				
	Ultra Blazer	0.25	LB A/A	1	PT/A	MPOST				
	Londax	0.0375	LB A/A	1	OZ WT/A	MPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	MPOST				
3	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	0 a	0 a	0 a	0 a
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE				
	Ultra Blazer	0.25	LB A/A	1	PT/A	MPOST				
	Londax	0.0626	LB A/A	1.67	OZ WT/A	MPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	MPOST				
4	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	0 a	0 a	0 a	0 a
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE				
	Ultra Blazer	0.25	LB A/A	1	PT/A	LPOST				
	Londax	0.0375	LB A/A	1	OZ WT/A	LPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST				
5	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	0 a	0 a	0 a	0 a
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE				
	Ultra Blazer	0.25	LB A/A	1	PT/A	LPOST				
	Londax	0.0626	LB A/A	1.67	OZ WT/A	LPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST				
6	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	0 a	0 a	0 a	0 a
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE				
	Storm	0.75	LB A/A	1.5	PT/A	MPOST				
	Londax	0.0375	LB A/A	1	OZ WT/A	MPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	MPOST				
7	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	0 a	0 a	0 a	0 a
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE				
	Storm	0.75	LB A/A	1.5	PT/A	MPOST				
	Londax	0.0626	LB A/A	1.67	OZ WT/A	MPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	MPOST				
8	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	0 a	0 a	0 a	0 a
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE				
	Storm	0.75	LB A/A	1.5	PT/A	LPOST				
	Londax	0.0375	LB A/A	1	OZ WT/A	LPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST				
9	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	0 a	0 a	0 a	0 a
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE				
	Storm	0.75	LB A/A	1.5	PT/A	LPOST				
	Londax	0.0626	LB A/A	1.67	OZ WT/A	LPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST				
10	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	0 a	0 a	0 a	0 a
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE				
	Regiment	0.0335	LB A/A	0.67	OZ WT/A	MPOST				
	Londax	0.0375	LB A/A	1	OZ WT/A	MPOST				
	Dyne-A-Pak	0.83	% V/V	16	FL OZ/A	MPOST				
11	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	0 a	0 a	0 a	0 a
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE				
	Regiment	0.0335	LB A/A	0.67	OZ WT/A	LPOST				
	Londax	0.0375	LB A/A	1	OZ WT/A	LPOST				
	Dyne-A-Pak	0.83	% V/V	16	FL OZ/A	LPOST				
12	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	0 a	0 a	0 a	0 a
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE				
	Ultra Blazer	0.5	LB A/A	2	PT/A	MPOST				
	Londax	0.125	LB A/A	3.34	OZ WT/A	MPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	MPOST				

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Pest Code							INJURY	INJURY	INJURY	INJURY
Rating Date							18/5/10	24/5/10	7/6/10	21/6/10
Rating Data Type										
Rating Unit							%	%	%	%
Trt-Eval Interval							15 da MPOST	14 da LPOST	28 da LPOST	42 da LPOST
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	17	18	19	20
13	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	0 a	0 a	0 a	0 a
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE				
	Storm	1.5	LB A/A	3	PT/A	MPOST				
	Londax	0.125	LB A/A	3.34	OZ WT/A	MPOST				
	Agri-Dex	1	% V/V	19.2	FL OZ/A	MPOST				
LSD (P=.05)							0.0	0.0	0.0	0.0
Standard Deviation							0.0	0.0	0.0	0.0
CV							0.0	0.0	0.0	0.0
Grand Mean							0.0	0.0	0.0	0.0

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Pest Code								
Rating Date							11/8/10	11/8/10
Rating Data Type							Yield @ 12%	Avg. Height
Rating Unit							lb/A	cm
Trt-Eval Interval							Harvest	Harvest
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	23	26
1	Nontreated							
	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE		
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE		
2	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	5454 abc	85 ab
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE		
	Ultra Blazer	0.25	LB A/A	1	PT/A	MPOST		
	Londax	0.0375	LB A/A	1	OZ WT/A	MPOST		
	Agri-Dex	1	% V/V	19.2	FL OZ/A	MPOST		
3	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	3959 d	84 abc
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE		
	Ultra Blazer	0.25	LB A/A	1	PT/A	MPOST		
	Londax	0.0626	LB A/A	1.67	OZ WT/A	MPOST		
	Agri-Dex	1	% V/V	19.2	FL OZ/A	MPOST		
4	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	4565 bcd	79 cd
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE		
	Ultra Blazer	0.25	LB A/A	1	PT/A	LPOST		
	Londax	0.0375	LB A/A	1	OZ WT/A	LPOST		
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST		
5	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	3508 d	76 d
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE		
	Ultra Blazer	0.25	LB A/A	1	PT/A	LPOST		
	Londax	0.0626	LB A/A	1.67	OZ WT/A	LPOST		
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST		
6	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	5737 ab	85 ab
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE		
	Storm	0.75	LB A/A	1.5	PT/A	MPOST		
	Londax	0.0375	LB A/A	1	OZ WT/A	MPOST		
	Agri-Dex	1	% V/V	19.2	FL OZ/A	MPOST		
7	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	5839 ab	85 ab
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE		
	Storm	0.75	LB A/A	1.5	PT/A	MPOST		
	Londax	0.0626	LB A/A	1.67	OZ WT/A	MPOST		
	Agri-Dex	1	% V/V	19.2	FL OZ/A	MPOST		
8	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	4698 bcd	81 bcd
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE		
	Storm	0.75	LB A/A	1.5	PT/A	LPOST		
	Londax	0.0375	LB A/A	1	OZ WT/A	LPOST		
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST		
9	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	4589 bcd	80 bcd
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE		
	Storm	0.75	LB A/A	1.5	PT/A	LPOST		
	Londax	0.0626	LB A/A	1.67	OZ WT/A	LPOST		
	Agri-Dex	1	% V/V	19.2	FL OZ/A	LPOST		
10	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	6702 a	86 ab
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE		
	Regiment	0.0335	LB A/A	0.67	OZ WT/A	MPOST		
	Londax	0.0375	LB A/A	1	OZ WT/A	MPOST		
	Dyne-A-Pak	0.83	% V/V	16	FL OZ/A	MPOST		
11	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	6418 a	89 a
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE		
	Regiment	0.0335	LB A/A	0.67	OZ WT/A	LPOST		
	Londax	0.0375	LB A/A	1	OZ WT/A	LPOST		
	Dyne-A-Pak	0.83	% V/V	16	FL OZ/A	LPOST		
12	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	5402 abc	85 ab
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE		
	Ultra Blazer	0.5	LB A/A	2	PT/A	MPOST		
	Londax	0.125	LB A/A	3.34	OZ WT/A	MPOST		
	Agri-Dex	1	% V/V	19.2	FL OZ/A	MPOST		

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Pest Code								
Rating Date							11/8/10	11/8/10
Rating Data Type							Yield @ 12%	Avg. Height
Rating Unit							lb/A	cm
Trt-Eval Interval							Harvest	Harvest
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	23	26
13	Command	0.3	LB A/A	12.8	FL OZ/A	EMERGENCE	4349 cd	87 a
	Agri-Dex	1	% V/V	19.2	FL OZ/A	EMERGENCE		
	Storm	1.5	LB A/A	3	PT/A	MPOST		
	Londax	0.125	LB A/A	3.34	OZ WT/A	MPOST		
	Agri-Dex	1	% V/V	19.2	FL OZ/A	MPOST		
LSD (P=.05)							1300.4	5.6
Standard Deviation							900.6	3.9
CV							17.65	4.67
Grand Mean							5101.74	83.32

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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GWN 3404 Control of HETLI

Experiment number..... : **C10-69**
Location..... : RRS-Crowley, LA
Experimental design..... : RCB
  Number of reps ..... : 3
  Plot size..... : 5'x20'
  Row width/# per plot..... : N/A
Soil type..... : Crowley silt loam (3% sand, 69% silt, 28% clay)
  % OM ..... : 1.4
  pH..... : 6.4
  CEC..... : 19.1
Planting date ..... : N/A
Harvest date..... : N/A
Crop/Variety ..... : N/A
Emergence date..... : N/A
Uniform std. treatment..... : N/A

Application type..... : POFL
Date applied [mm/dd/yy] ..... : 06/24/10
Time [hh:mm-hh:mm]..... : 11:00-11:15A
Incorporation equip./Depth:..... : N/A
Air/Soil temperature [F] ..... : 92/88
Relative humidity [%]..... : 81
Wind [mph, direction] ..... : 4-6,E
Weather [sunny, etc] ..... : sunny
Soil/Leaf surface moist..... : flood/dry
Crop stage/Height ..... : N/A
Sprayer type/MPH..... : CO_2BkPk/3
Nozzle type/Size*..... : AMFF/110015
Boom ht/# Noz/Spacing ..... : 15/5/15
GPA/PSI..... : 15/24
Applied by..... : JCF

Weed Species (population)..... :---------- (height/#leaves) ----------
HETLI(200-300m^{-2}) ..... : 3-6"/2lf-flowering

Flush Dates..... : N/A
Permanent Flood..... : N/A

*AMFF – Air mix flat fan nozzles

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GWN 3404 on Ducksalad

Trial ID: C10-69 Protocol ID: C10-69
Location: RRS-Crowley Study Director:
Investigator: Eric P. Webster

Pest Code								HETLI	HETLI
Rating Date								8/7/10	22/7/10
Rating Data Type								Control	Control
Rating Unit								%	%
Trt-Eval Interval								14 DAT	28 DAT
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage		1	2
1	Nontreated							0 c	0 c
2	GWN 3404			0.75	OZ WT/A			83 a	10 b
	Induce			1	% V/V				
3	GWN 3404			1.12	OZ WT/A			92 a	13 ab
	Induce			1	% V/V				
4	Permit			0.67	OZ WT/A			13 bc	10 b
	Induce			1	% V/V				
5	Permit			1	OZ WT/A			23 b	10 b
	Induce			1	% V/V				
6	Harmony			0.1245	OZ WT/A			90 a	13 ab
	Induce			1	% V/V				
7	Harmony			0.18675	OZ WT/A			97 a	17 a
	Induce			1	% V/V				
LSD (P=.05)								14.4	5.9
Standard Deviation								8.1	3.3
CV								14.18	31.82
Grand Mean								56.95	10.48

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

Appendix I

Abbreviations

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**
Bleach	**Percent white rice plants**
cm or CM	**Centimeters**
COC	**Crop oil concentrate**
Da	**Days after**
DPRE	**Delayed preemergence application**
DAE	**Days after emergence**
daEPOT	**Days after early postemergence application**
daFLOOD	**Days after flood establishment**
daLPOT	**Days after late postemergence application**
daMPOT	**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**
EPOT	**Early postemergence application**
EPOST-FLOOD	**Early postemergence after flood establishment**
F	**Flood**
FAT	**Factorial arrangement of treatments**
FF	**Flat fan nozzles**
FL OZ/A	**Fluid ounces product per acre**
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**
LPOT	**Late postemergence application**
LPOST-FLOOD	**Late postemergence after flood establishment**
MC	**Mostly cloudy**
MPOT	**Mid postemergence application**
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**
PEGGING	**Pegging application**
PI	**Panicle initiation**
PPI	**Preplant incorporated application**
PRE	**Preemergence application**
PRE-SEED	**Application to pregerminated seed**
PRE-SOIL	**Surface application prior to water-seeding**
POT	**Postemergence application**
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**
STAND	**Rice stand count**
STETOT	**Total stems**
STUNT	**Percent rice stunting**
TD	**TurboDrop XL drift reduction nozzles**
TDM	**Total dry matter**
TILL	**Tiller**
WAT	**Weeks after treatment**
WT	**Weight**
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**

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*
BROOK[a]	Brook paspalum	*Paspalum acuminatum*
CNPCA	Mexicanweed	*Caperonia castaniifolia*
CNPPA	Texasweed	*Caperonia palustris*
COMDI	spreading dayflower	*Commelina diffusa*
CYPIR	rice flatsedge	*Cyperus iria*
CYPES	yellow nutsedge	*Cyperus esculentus*
ECHCG	Barnyardgrass	*Echinocloa crus-galli*
ECHPO[a]	creeping rivergrass	*Echinochloa polystachya*
ECLAL	eclipta	*Eclipta prostrata*
HETLI	ducksalad	*Heteranthera limosa*
LEFPA	Amazon sprangletop	*Leptochloa panicoides*
MEOCO	redweed	*Melochia corchorifolia*
ORYSA	red rice	*Oryza sativa*
PASDS	knotgrass	*Paspalum distichum*
PASFL	water paspalum	*Paspalum hydrophilum*
POLPE	ladysthumb	*Polygonum aviculare*
RANAR	corn buttercup	*Ranunculus arvensis*
ROTRA	toothcup	*Rotala ramosior*
SEBEX	hemp sesbania	*Sesbania herbacea*

[a]No WSSA approved BAYER code at this time.

Appendix II

List of Chemicals

List of Herbicides

Trade Name	Formulation	Company	Common Name
Aim	40 WG	FMC	carfentrazone
Basagran	4 SL	BASF	bentazon
Beyond	1 SC	BASF	imazamox
Blazer	2 SC	BASF	acifluorfen
Bolero	8 EC	Valent	thiobencarb
Broadhead	70 WG	FMC	carfentrazone + quinclorac
Clincher	2.4 EC	Dow AgroSciences	cyhalofop-butyl
Command/ Alert	3 ME/ 3 ME	FMC/ Cheminova	clomazone
Duet	4.031 SC	Riceco	propanil + bensulfuron
Facet	75 DF	BASF	quinclorac
Grandstand	3 SL	Dow AgroSciences	triclopyr
Grasp	2 SC	Dow AgroSciences	penoxsulam
Grasp Xtra	2.31 SC	Dow AgroSciences	penoxsulam + triclopyr
Londax	60 DF	DuPont	bensulfuron
Newpath	2 SC	BASF	Imazethapyr
Permit/ HaloMax	75 DF/ 75 DF	Gowan/Aceto	halosulfuron
Prowl	3.3 EC	BASF	pendimethalin
Prowl H_20	3.8 AS	BASF	pendimethalin
RebelEX	2.03 SC	Dow AgroSciences	penoxsulam + cyhalofop
Regiment	80 WP	Valent	bispyribac-sodium
RiceBeaux	6 EC	RiceCo	propanil + thiobencarb
Ricestar HT	0.58 EC	Bayer	fenoxaprop-p-ethyl
RicePro	4 L	RiceCo	propanil + quinclorac

Riceshot	4 EC	RiceCo	propanil
Roundup Weathermax	5.5 SL	Monsanto	glyphosate
Stam M4 or Stam SC	4 EC 4 SC	UPI	propanil
Strada	50 WG	Isagro USA	orthosulfamuron
Superwham	4 EC	RiceCo	propanil

Spray Adjuvants

Trade Name	Formulation	Company	Common Name	Composition
AG-98	80%	Dow AgroSciences	Spreader acitivator	Alkylaryl polyoxyethylene glycols
Agri-Dex	99%	Helena	Crop oil concentrate	Paraffin base petroleum oil (84%), polyol fatty acid esters and polyethoxylated derivatives (15%)
Alliance	50%	Winfield	Water conditioning agent	Ammonium sulfate, saccharides, and alkyl polyglycoside
Choice	50%	Loveland	Water conditioning agent	Salts of propionic, hydroxy carboxylic, and polyacrylic acids, phosphate ester and ammonium sulfate
Dyne-a-Pak	76%	Helena	Nonionic surfactant	Blend of alkanolamides, alkanoates, trisiloxane, and carbamides
Herbimax	100%	UAP	Oil surfactant adjuvant	Light paraffinic distillate, odorless aliphatic petroleum solvent (83%); mono and diesters of omega hydroxypoly oxyethylene (17%)
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
Phase II	80%	UAP	Surfactant-deposition aid	Carbamides, alcohol ethoxylates, methylated esters of fatty acids
Quest	50%	Helena	Water conditioning agent	Hydroxyl carboxylic, phosphoric, and polyacrylic acids and ammonium salts