

Weed Science

Annual Research Report

2006



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and R. Matt Griffin**

Department of Agronomy and Environmental Management



Weed Science

Annual Research Report

2006

**Louisiana State University Agricultural Center
William B. Richardson, Chancellor**

**David Boethel, Vice Chancellor for Research
and Director of the
Louisiana Agricultural Experiment Station**

**Paul D. Coreil, Vice Chancellor for Extension
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**The Louisiana Agricultural Experiment Station provides equal opportunities in
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Research Summary RS 06-14-0596

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Introduction

This report summarizes the 2006 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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Syngenta
UAP
Valent USA Corporation

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Newpath and Beyond Rate and Timing Combinations

Experiment number.....: **C06-01**
 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: 04/18/06
 Harvest date.....: 08/21/06
 Crop/Variety: Rice/CL131
 Emergence date.....: 05/1/06
 Uniform std. treatment.....: N/A

Application type.....:	VEPOST	MPOT	LPOT	PD+14d
Date applied [mm/dd/yy] ..:	5/8/06	5/17/06	5/22/06	6/28/06
Time [hh:mm-hh:mm].....:	11:45-12:05a	11:45-12:00p	11:15-11:20a	10:00-10:20a
Incorporation equip./Depth:	N/A	N/A	N/A	N/A
Air/Soil temperature [F] ..:	82/80	77/78	90/88	84/82
Relative humidity [%].....:	71	40	44	55
Wind [mph, direction]	3-6 S	8-10 NW	0-3 ESE	1-2 NE
Weather [sunny, etc]	cloudy	sunny	sunny	pt cloudy
Soil/Leaf surface moist.....:	wet/dry	dry/dry	moist/dry	flood/dry
Crop stage/Height	4-5 lf/3-5"	3-4 lf/3-5"	5 lf-1 til/4-5"	PD+14/26-30
Sprayer type/MPH.....:	CO ₂ BkPk/3.0	CO ₂ BkPk/3.0	CO ₂ BkPk/3.0	CO ₂ BkPk/3.0
Nozzle type/Size	AMFF/110015	AMFF/110015	AMFF/110015	AMFF/110015
Boom ht/# Noz/Spacing ...:	18"/5/15"	18"/5/15"	18"/5/15"	18"/5/15"
GPA/PSI.....:	15/25	15/28	15/28	15/22
Applied by	Webster	Griffin	Webster	Bottoms

Weed Species (population):	------(height/#leaves)-----			
COMDI (20-30 m ⁻²)	2-4"/1-3 lf	3-6"/3-6 lf	3-6"/3-6 lf	10-14"/15-20lf
CYPES (30-40 m ⁻²)	3-5"/3-6 lf	1-3"/3-5 lf	10-12"/6-8 lf	12-14"/heading
CYPIR (30-40 m ⁻²)	2-3"/1-3 lf	2-4"/2-4 lf	2-5"/3-5 lf	10-12"/heading
ORYSA (100-120 m ⁻²)	3-5"/3-5 lf	4-6"/3-4 lf	5-7"/1-2 til	18-20"/boot
ECHCG (20-50 m ⁻²).....:	0.5-1"/1-2 lf	1-2"/1-2 lf	1-3"/2-5 lf	18-20"/boot

Flush Dates.....: 4/20, 5/19
 Permanent Flood: 6/1

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Newpath and Beyond Rate and Timing Combinations

Trial ID: C06-01
 Location: RRS-Crowley, LA

Pest Code		ORYSA									
Rating Date		25/May/2006	8/Jun/2006	20/Jun/2006	5/Jul/2006	17/Jul/2006					
Rating Data Type		CONTROL	CONTROL	CONTROL	CONTROL	INJURY					
Rating Unit		%	%	%	%	%					
Trt-Eval Interval		8 DAMPOT	17daLPOT	29daLPOT	7daPD+14	19daPD14					
Trt No.	Treatment Name	Form Conc	Rate	Other Rate	Other Rate	Growth Stage					
1	Nontreated						0e	0d	0d	0e	0c
2	Newpath	2	0.0625 lb ai/a	4 fl oz/a	VEPOT	90ab	89ab	93a	98a	98a	
2	Agridex	1	% v/v	19.2 fl oz/a	VEPOT						
2	Newpath	2	0.0625 lb ai/a	4 fl oz/a	MPOT						
2	Agridex	1	% v/v	19.2 fl oz/a	MPOT						
3	Newpath	2	0.094 lb ai/a	6 fl oz/a	VEPOT	95a	89ab	93a	98a	98a	
3	Agridex	1	% v/v	19.2 fl oz/a	VEPOT						
3	Newpath	2	0.094 lb ai/a	6 fl oz/a	MPOT						
3	Agridex	1	% v/v	19.2 fl oz/a	MPOT						
4	Newpath	2	0.0625 lb ai/a	4 fl oz/a	VEPOT	94a	88ab	91ab	98a	98a	
4	Agridex	1	% v/v	19.2 fl oz/a	VEPOT						
4	Newpath	2	0.0625 lb ai/a	4 fl oz/a	MPOT						
4	Agridex	1	% v/v	19.2 fl oz/a	MPOT						
4	Newpath	2	0.0625 lb ai/a	4 fl oz/a	LPOT						
4	Agridex	1	% v/v	19.2 fl oz/a	LPOT						
5	Newpath	2	0.0625 lb ai/a	4 fl oz/a	VEPOT	95a	90a	90ab	96ab	96a	
5	Agridex	1	% v/v	19.2 fl oz/a	VEPOT						
5	Newpath	2	0.0625 lb ai/a	4 fl oz/a	MPOT						
5	Agridex	1	% v/v	19.2 fl oz/a	MPOT						
5	Beyond	1	0.039 lb ai/a	5 fl oz/a	PD+14 d						
5	Agridex	1	% v/v	19.2 fl oz/a	PD+14 d						
6	Newpath	2	0.094 lb ai/a	6 fl oz/a	VEPOT	94a	90a	91ab	96ab	96a	
6	Agridex	1	% v/v	19.2 fl oz/a	VEPOT						
6	Newpath	2	0.094 lb ai/a	6 fl oz/a	MPOT						
6	Agridex	1	% v/v	19.2 fl oz/a	MPOT						
6	Beyond	1	0.039 lb ai/a	5 fl oz/a	PD+14 d						
6	Agridex	1	% v/v	19.2 fl oz/a	PD+14 d						
7	Newpath	2	0.0625 lb ai/a	4 fl oz/a	VEPOT	65c	88ab	90ab	94ab	96a	
7	Agridex	1	% v/v	19.2 fl oz/a	VEPOT						
7	Newpath	2	0.0625 lb ai/a	4 fl oz/a	MPOT						
7	Agridex	1	% v/v	19.2 fl oz/a	MPOT						
7	Newpath	2	0.0625 lb ai/a	4 fl oz/a	LPOT						
7	Agridex	1	% v/v	19.2 fl oz/a	LPOT						
7	Beyond	1	0.039 lb ai/a	5 fl oz/a	PD+14 d						
7	Agridex	1	% v/v	19.2 fl oz/a	PD+14 d						
8	Newpath	2	0.0625 lb ai/a	4 fl oz/a	VEPOT	93ab	89ab	90ab	98a	98a	
8	Agridex	1	% v/v	19.2 fl oz/a	VEPOT						
8	Newpath	2	0.0625 lb ai/a	4 fl oz/a	MPOT						
8	Agridex	1	% v/v	19.2 fl oz/a	MPOT						
8	Newpath	2	0.0625 lb ai/a	4 fl oz/a	PD+14 d						
8	Beyond	1	0.039 lb ai/a	5 fl oz/a	PD+14 d						
8	Agridex	1	% v/v	19.2 fl oz/a	PD+14 d						

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Pest Code	ORYSA	ORYSA	ORYSA	ORYSA	ORYSA							
Rating Date	25/May/2006	8/Jun/2006	20/Jun/2006	5/Jul/2006	17/Jul/2006							
Rating Data Type	CONTROL	CONTROL	CONTROL	CONTROL	INJURY							
Rating Unit	%	%	%	%	%							
Trt-Eval Interval	8 DAMPOT	17daLPOT	29daLPOT	7daPD+14	19daPD14							
Trt No.	Treatment Name	Form Conc	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage					
9	Newpath	2	0.125	lb ai/a	8	fl oz/a	VEPOT	95a	90a	91ab	98a	97a
9	Agridex		1	% v/v	19.2	fl oz/a	VEPOT					
10	Newpath	2	0.125	lb ai/a	8	fl oz/a	MPOT	58d	87abc	93a	95ab	96a
10	Agridex		1	% v/v	19.2	fl oz/a	MPOT					
11	Newpath	2	0.125	lb ai/a	8	fl oz/a	LPOT		85abc	89ab	84d	81b
11	Agridex		1	% v/v	19.2	fl oz/a	LPOT					
12	Newpath	2	0.125	lb ai/a	8	fl oz/a	VEPOT	94a	90a	90ab	98a	98a
12	Agridex		1	% v/v	19.2	fl oz/a	VEPOT					
12	Beyond	1	0.039	lb ai/a	5	fl oz/a	PD+14 d					
12	Agridex		1	% v/v	19.2	fl oz/a	PD+14 d					
13	Newpath	2	0.125	lb ai/a	8	fl oz/a	MPOT	61cd	90a	91ab	98a	98a
13	Agridex		1	% v/v	19.2	fl oz/a	MPOT					
13	Beyond	1	0.039	lb ai/a	5	fl oz/a	PD+14 d					
13	Agridex		1	% v/v	19.2	fl oz/a	PD+14 d					
14	Newpath	2	0.125	lb ai/a	8	fl oz/a	LPOT		81c	78c	88cd	98a
14	Agridex		1	% v/v	19.2	fl oz/a	LPOT					
14	Beyond	1	0.039	lb ai/a	5	fl oz/a	PD+14 d					
14	Agridex		1	% v/v	19.2	fl oz/a	PD+14 d					
15	Newpath	2	0.188	lb ai/a	12	fl oz/a	VEPOT	93ab	90a	90ab	98a	96a
15	Agridex		1	% v/v	19.2	fl oz/a	VEPOT					
16	Newpath	2	0.188	lb ai/a	12	fl oz/a	MPOT	65c	89ab	91ab	93bc	98a
16	Agridex		1	% v/v	19.2	fl oz/a	MPOT					
17	Newpath	2	0.188	lb ai/a	12	fl oz/a	LPOT		84bc	75c	88d	75
17	Agridex		1	% v/v	19.2	fl oz/a	LPOT					
18	Newpath	2	0.188	lb ai/a	12	fl oz/a	VEPOT	95a	90a	90ab	98a	98a
18	Agridex		1	% v/v	19.2	fl oz/a	VEPOT					
18	Beyond	1	0.039	lb ai/a	5	fl oz/a	PD+14 d					
18	Agridex		1	% v/v	19.2	fl oz/a	PD+14 d					
19	Newpath	2	0.188	lb ai/a	12	fl oz/a	MPOT	86b	90a	89ab	97ab	97a
19	Agridex		1	% v/v	19.2	fl oz/a	MPOT					
19	Beyond	1	0.039	lb ai/a	5	fl oz/a	PD+14 d					
19	Agridex		1	% v/v	19.2	fl oz/a	PD+14 d					
20	Newpath	2	0.188	lb ai/a	12	fl oz/a	LPOT		88ab	86b	93bc	98a
20	Agridex		1	% v/v	19.2	fl oz/a	LPOT					
20	Beyond	1	0.039	lb ai/a	5	fl oz/a	PD+14 d					
20	Agridex		1	% v/v	19.2	fl oz/a	PD+14 d					
LSD (P=.05)								6.6	5.6	5.3	4.8	7.5
Standard Deviation								4.6	3.9	3.8	3.4	5.3
CV								5.79	4.7	4.47	3.78	5.83
Means followed by same letter do not significantly differ (P=.05, LSD)												

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Newpath and Beyond Rate and Timing Combinations

Trial ID: C06-01
 Location: RRS-Crowley, LA

Pest Code		ECHCG		ECHCG		ECHCG		ECHCG		ECHCG	
Rating Date		25/May/2006		8/Jun/2006		20/Jun/2006		5/Jul/2006		17/Jul/2006	
Rating Data Type		CONTROL		CONTROL		CONTROL		CONTROL		INJURY	
Rating Unit		%		%		%		%		%	
Trt-Eval Interval		8 DAMPOT		17daLPOT		29daLPOT		7daPD+14		19daPD14	
Trt No.	Treatment Name	Form Conc	Rate	Other Rate	Other Rate	Growth Unit	Stage				
1	Nontreated						0e	0c	0d	0d	0e
2	Newpath	2	0.0625 lb ai/a	4	fl oz/a	VEPOT	93a	90a	93a	98a	98a
2	Agridex	1	% v/v	19.2	fl oz/a	VEPOT					
2	Newpath	2	0.0625 lb ai/a	4	fl oz/a	MPOT					
2	Agridex	1	% v/v	19.2	fl oz/a	MPOT					
3	Newpath	2	0.094 lb ai/a	6	fl oz/a	VEPOT	95a	89a	93a	98a	98a
3	Agridex	1	% v/v	19.2	fl oz/a	VEPOT					
3	Newpath	2	0.094 lb ai/a	6	fl oz/a	MPOT					
3	Agridex	1	% v/v	19.2	fl oz/a	MPOT					
4	Newpath	2	0.0625 lb ai/a	4	fl oz/a	VEPOT	95a	90a	91a	98a	98a
4	Agridex	1	% v/v	19.2	fl oz/a	VEPOT					
4	Newpath	2	0.0625 lb ai/a	4	fl oz/a	MPOT					
4	Agridex	1	% v/v	19.2	fl oz/a	MPOT					
4	Newpath	2	0.0625 lb ai/a	4	fl oz/a	LPOT					
4	Agridex	1	% v/v	19.2	fl oz/a	LPOT					
5	Newpath	2	0.0625 lb ai/a	4	fl oz/a	VEPOT	95a	78b	91a	98a	98a
5	Agridex	1	% v/v	19.2	fl oz/a	VEPOT					
5	Newpath	2	0.0625 lb ai/a	4	fl oz/a	MPOT					
5	Agridex	1	% v/v	19.2	fl oz/a	MPOT					
5	Beyond	1	0.039 lb ai/a	5	fl oz/a	PD+14 d					
5	Agridex	1	% v/v	19.2	fl oz/a	PD+14 d					
6	Newpath	2	0.094 lb ai/a	6	fl oz/a	VEPOT	95a	90a	93a	98a	98a
6	Agridex	1	% v/v	19.2	fl oz/a	VEPOT					
6	Newpath	2	0.094 lb ai/a	6	fl oz/a	MPOT					
6	Agridex	1	% v/v	19.2	fl oz/a	MPOT					
6	Beyond	1	0.039 lb ai/a	5	fl oz/a	PD+14 d					
6	Agridex	1	% v/v	19.2	fl oz/a	PD+14 d					
7	Newpath	2	0.0625 lb ai/a	4	fl oz/a	VEPOT	75c	89a	90ab	98a	98a
7	Agridex	1	% v/v	19.2	fl oz/a	VEPOT					
7	Newpath	2	0.0625 lb ai/a	4	fl oz/a	MPOT					
7	Agridex	1	% v/v	19.2	fl oz/a	MPOT					
7	Newpath	2	0.0625 lb ai/a	4	fl oz/a	LPOT					
7	Agridex	1	% v/v	19.2	fl oz/a	LPOT					
7	Beyond	1	0.039 lb ai/a	5	fl oz/a	PD+14 d					
7	Agridex	1	% v/v	19.2	fl oz/a	PD+14 d					
8	Newpath	2	0.0625 lb ai/a	4	fl oz/a	VEPOT	94a	90a	88abc	98a	98a
8	Agridex	1	% v/v	19.2	fl oz/a	VEPOT					
8	Newpath	2	0.0625 lb ai/a	4	fl oz/a	MPOT					
8	Agridex	1	% v/v	19.2	fl oz/a	MPOT					
8	Newpath	2	0.0625 lb ai/a	4	fl oz/a	PD+14 d					
8	Beyond	1	0.039 lb ai/a	5	fl oz/a	PD+14 d					
8	Agridex	1	% v/v	19.2	fl oz/a	PD+14 d					

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Pest Code				ECHCG	ECHCG	ECHCG	ECHCG	ECHCG				
Rating Date				25/May/2006	8/Jun/2006	20/Jun/2006	5/Jul/2006	17/Jul/2006				
Rating Data Type				CONTROL	CONTROL	CONTROL	CONTROL	INJURY				
Rating Unit				%	%	%	%	%				
Trt-Eval Interval				8 DAMPOT	17daLPOT	29daLPOT	7daPD+14	19daPD14				
Trt No.	Treatment Name	Form Conc	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage					
9	Newpath	2	0.125	lb ai/a	8	fl oz/a	VEPOT	95a	90a	91a	98a	97ab
9	Agridex		1	% v/v	19.2	fl oz/a	VEPOT					
10	Newpath	2	0.125	lb ai/a	8	fl oz/a	MPOT	65d	90a	91a	95ab	97ab
10	Agridex		1	% v/v	19.2	fl oz/a	MPOT					
11	Newpath	2	0.125	lb ai/a	8	fl oz/a	LPOT		88a	89ab	85c	83d
11	Agridex		1	% v/v	19.2	fl oz/a	LPOT					
12	Newpath	2	0.125	lb ai/a	8	fl oz/a	VEPOT	95a	90a	90ab	98a	98a
12	Agridex		1	% v/v	19.2	fl oz/a	VEPOT					
12	Beyond	1	0.039	lb ai/a	5	fl oz/a	PD+14 d					
12	Agridex		1	% v/v	19.2	fl oz/a	PD+14 d					
13	Newpath	2	0.125	lb ai/a	8	fl oz/a	MPOT	70cd	89a	89ab	98a	98a
13	Agridex		1	% v/v	19.2	fl oz/a	MPOT					
13	Beyond	1	0.039	lb ai/a	5	fl oz/a	PD+14 d					
13	Agridex		1	% v/v	19.2	fl oz/a	PD+14 d					
14	Newpath	2	0.125	lb ai/a	8	fl oz/a	LPOT		88a	83c	89c	94bc
14	Agridex		1	% v/v	19.2	fl oz/a	LPOT					
14	Beyond	1	0.039	lb ai/a	5	fl oz/a	PD+14 d					
14	Agridex		1	% v/v	19.2	fl oz/a	PD+14 d					
15	Newpath	2	0.188	lb ai/a	12	fl oz/a	VEPOT	93a	90a	91a	98a	98a
15	Agridex		1	% v/v	19.2	fl oz/a	VEPOT					
16	Newpath	2	0.188	lb ai/a	12	fl oz/a	MPOT	73c	90a	89ab	96ab	98a
16	Agridex		1	% v/v	19.2	fl oz/a	MPOT					
17	Newpath	2	0.188	lb ai/a	12	fl oz/a	LPOT		88a	85bc	88c	90c
17	Agridex		1	% v/v	19.2	fl oz/a	LPOT					
18	Newpath	2	0.188	lb ai/a	12	fl oz/a	VEPOT	95a	90a	90ab	97ab	98a
18	Agridex		1	% v/v	19.2	fl oz/a	VEPOT					
18	Beyond	1	0.039	lb ai/a	5	fl oz/a	PD+14 d					
18	Agridex		1	% v/v	19.2	fl oz/a	PD+14 d					
19	Newpath	2	0.188	lb ai/a	12	fl oz/a	MPOT	84b	90a	90ab	94b	98a
19	Agridex		1	% v/v	19.2	fl oz/a	MPOT					
19	Beyond	1	0.039	lb ai/a	5	fl oz/a	PD+14 d					
19	Agridex		1	% v/v	19.2	fl oz/a	PD+14 d					
20	Newpath	2	0.188	lb ai/a	12	fl oz/a	LPOT		82ab	88abc	96ab	96ab
20	Agridex		1	% v/v	19.2	fl oz/a	LPOT					
20	Beyond	1	0.039	lb ai/a	5	fl oz/a	PD+14 d					
20	Agridex		1	% v/v	19.2	fl oz/a	PD+14 d					
LSD (P=.05)								6.5	8.6	5.3	3.8	4.4
Standard Deviation								4.6	6.0	3.7	2.7	3.1
CV								5.57	7.21	4.38	2.92	3.43
Means followed by same letter do not significantly differ (P=.05, LSD)												

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Department of Agronomy and Environmental Management

Newpath and Beyond Rate and Timing Combinations

Trial ID: C06-01
 Location: RRS-Crowley, LA

Pest Code	LEFPA	LEFPA
Rating Date	5/Jul/2006	17/Jul/2006
Rating Data Type	CONTROL	INJURY
Rating Unit	%	%
Trt-Eval Interval	7daPD+14	19daPD14

Trt No.	Treatment Name	Form Conc	Rate	Other Rate	Other Rate	Growth Unit Stage		
1	Nontreated						Of	Of
2	Newpath	2	0.0625 lb ai/a	4	fl oz/a	VEPOT	98a	96abc
2	Agridex		1 % v/v	19.2	fl oz/a	VEPOT		
2	Newpath	2	0.0625 lb ai/a	4	fl oz/a	MPOT		
2	Agridex		1 % v/v	19.2	fl oz/a	MPOT		
3	Newpath	2	0.094 lb ai/a	6	fl oz/a	VEPOT	98a	98a
3	Agridex		1 % v/v	19.2	fl oz/a	VEPOT		
3	Newpath	2	0.094 lb ai/a	6	fl oz/a	MPOT		
3	Agridex		1 % v/v	19.2	fl oz/a	MPOT		
4	Newpath	2	0.0625 lb ai/a	4	fl oz/a	VEPOT	98a	98a
4	Agridex		1 % v/v	19.2	fl oz/a	VEPOT		
4	Newpath	2	0.0625 lb ai/a	4	fl oz/a	MPOT		
4	Agridex		1 % v/v	19.2	fl oz/a	MPOT		
4	Newpath	2	0.0625 lb ai/a	4	fl oz/a	LPOT		
4	Agridex		1 % v/v	19.2	fl oz/a	LPOT		
5	Newpath	2	0.0625 lb ai/a	4	fl oz/a	VEPOT	98a	98a
5	Agridex		1 % v/v	19.2	fl oz/a	VEPOT		
5	Newpath	2	0.0625 lb ai/a	4	fl oz/a	MPOT		
5	Agridex		1 % v/v	19.2	fl oz/a	MPOT		
5	Beyond	1	0.039 lb ai/a	5	fl oz/a	PD+14 d		
5	Agridex		1 % v/v	19.2	fl oz/a	PD+14 d		
6	Newpath	2	0.094 lb ai/a	6	fl oz/a	VEPOT	98a	98a
6	Agridex		1 % v/v	19.2	fl oz/a	VEPOT		
6	Newpath	2	0.094 lb ai/a	6	fl oz/a	MPOT		
6	Agridex		1 % v/v	19.2	fl oz/a	MPOT		
6	Beyond	1	0.039 lb ai/a	5	fl oz/a	PD+14 d		
6	Agridex		1 % v/v	19.2	fl oz/a	PD+14 d		
7	Newpath	2	0.0625 lb ai/a	4	fl oz/a	VEPOT	94ab	97ab
7	Agridex		1 % v/v	19.2	fl oz/a	VEPOT		
7	Newpath	2	0.0625 lb ai/a	4	fl oz/a	MPOT		
7	Agridex		1 % v/v	19.2	fl oz/a	MPOT		
7	Newpath	2	0.0625 lb ai/a	4	fl oz/a	LPOT		
7	Agridex		1 % v/v	19.2	fl oz/a	LPOT		
7	Beyond	1	0.039 lb ai/a	5	fl oz/a	PD+14 d		
7	Agridex		1 % v/v	19.2	fl oz/a	PD+14 d		
8	Newpath	2	0.0625 lb ai/a	4	fl oz/a	VEPOT	98a	98a
8	Agridex		1 % v/v	19.2	fl oz/a	VEPOT		
8	Newpath	2	0.0625 lb ai/a	4	fl oz/a	MPOT		
8	Agridex		1 % v/v	19.2	fl oz/a	MPOT		
8	Newpath	2	0.0625 lb ai/a	4	fl oz/a	PD+14 d		
8	Beyond	1	0.039 lb ai/a	5	fl oz/a	PD+14 d		
8	Agridex		1 % v/v	19.2	fl oz/a	PD+14 d		

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Department of Agronomy and Environmental Management

Pest Code	LEFPA	LEFPA
Rating Date	5/Jul/2006	17/Jul/2006
Rating Data Type	CONTROL	INJURY
Rating Unit	%	%
Trt-Eval Interval	7daPD+14	19daPD14

Trt No.	Treatment Name	Form Conc	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage		
9	Newpath	2	0.125	lb ai/a	8	fl oz/a	VEPOT	96ab	96abc
9	Agridex		1	% v/v	19.2	fl oz/a	VEPOT		
10	Newpath	2	0.125	lb ai/a	8	fl oz/a	MPOT	95ab	92a-d
10	Agridex		1	% v/v	19.2	fl oz/a	MPOT		
11	Newpath	2	0.125	lb ai/a	8	fl oz/a	LPOT	80e	71e
11	Agridex		1	% v/v	19.2	fl oz/a	LPOT		
12	Newpath	2	0.125	lb ai/a	8	fl oz/a	VEPOT	98a	98a
12	Agridex		1	% v/v	19.2	fl oz/a	VEPOT		
12	Beyond	1	0.039	lb ai/a	5	fl oz/a	PD+14 d		
12	Agridex		1	% v/v	19.2	fl oz/a	PD+14 d		
13	Newpath	2	0.125	lb ai/a	8	fl oz/a	MPOT	96ab	97ab
13	Agridex		1	% v/v	19.2	fl oz/a	MPOT		
13	Beyond	1	0.039	lb ai/a	5	fl oz/a	PD+14 d		
13	Agridex		1	% v/v	19.2	fl oz/a	PD+14 d		
14	Newpath	2	0.125	lb ai/a	8	fl oz/a	LPOT	84de	89d
14	Agridex		1	% v/v	19.2	fl oz/a	LPOT		
14	Beyond	1	0.039	lb ai/a	5	fl oz/a	PD+14 d		
14	Agridex		1	% v/v	19.2	fl oz/a	PD+14 d		
15	Newpath	2	0.188	lb ai/a	12	fl oz/a	VEPOT	96ab	98a
15	Agridex		1	% v/v	19.2	fl oz/a	VEPOT		
16	Newpath	2	0.188	lb ai/a	12	fl oz/a	MPOT	93bc	91bcd
16	Agridex		1	% v/v	19.2	fl oz/a	MPOT		
17	Newpath	2	0.188	lb ai/a	12	fl oz/a	LPOT	85d	78e
17	Agridex		1	% v/v	19.2	fl oz/a	LPOT		
18	Newpath	2	0.188	lb ai/a	12	fl oz/a	VEPOT	96ab	98a
18	Agridex		1	% v/v	19.2	fl oz/a	VEPOT		
18	Beyond	1	0.039	lb ai/a	5	fl oz/a	PD+14 d		
18	Agridex		1	% v/v	19.2	fl oz/a	PD+14 d		
19	Newpath	2	0.188	lb ai/a	12	fl oz/a	MPOT	92bc	97ab
19	Agridex		1	% v/v	19.2	fl oz/a	MPOT		
19	Beyond	1	0.039	lb ai/a	5	fl oz/a	PD+14 d		
19	Agridex		1	% v/v	19.2	fl oz/a	PD+14 d		
20	Newpath	2	0.188	lb ai/a	12	fl oz/a	LPOT	88cd	90cd
20	Agridex		1	% v/v	19.2	fl oz/a	LPOT		
20	Beyond	1	0.039	lb ai/a	5	fl oz/a	PD+14 d		
20	Agridex		1	% v/v	19.2	fl oz/a	PD+14 d		

LSD (P=.05)	4.7	6.6
Standard Deviation	3.3	4.6
CV	3.7	5.22

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

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Department of Agronomy and Environmental Management

Newpath and Beyond Rate and Timing Combinations

Trial ID: C06-01
 Location: RRS-Crowley, LA

							COMDI	COMDI	COMDI	COMDI
							25/May/2006	8/Jun/2006	20/Jun/2006	17/Jul/2006
							CONTROL	CONTROL	CONTROL	INJURY
							%	%	%	%
							8 DAMPOT	17daLPOT	29daLPOT	19daPD14
Trt No.	Treatment Name	Form Conc	Rate	Other Rate	Other Rate	Growth Unit Stage				
1	Nontreated						0f	0e	0d	0b
2	Newpath	2	0.0625 lb ai/a	4	fl oz/a	VEPOT	90ab	85ab	91ab	98a
2	Agridex	1	% v/v	19.2	fl oz/a	VEPOT				
2	Newpath	2	0.0625 lb ai/a	4	fl oz/a	MPOT				
2	Agridex	1	% v/v	19.2	fl oz/a	MPOT				
3	Newpath	2	0.094 lb ai/a	6	fl oz/a	VEPOT	95a	90a	90ab	98a
3	Agridex	1	% v/v	19.2	fl oz/a	VEPOT				
3	Newpath	2	0.094 lb ai/a	6	fl oz/a	MPOT				
3	Agridex	1	% v/v	19.2	fl oz/a	MPOT				
4	Newpath	2	0.0625 lb ai/a	4	fl oz/a	VEPOT	91a	90a	91ab	98a
4	Agridex	1	% v/v	19.2	fl oz/a	VEPOT				
4	Newpath	2	0.0625 lb ai/a	4	fl oz/a	MPOT				
4	Agridex	1	% v/v	19.2	fl oz/a	MPOT				
4	Newpath	2	0.0625 lb ai/a	4	fl oz/a	LPOT				
4	Agridex	1	% v/v	19.2	fl oz/a	LPOT				
5	Newpath	2	0.0625 lb ai/a	4	fl oz/a	VEPOT	95a	89ab	89ab	98a
5	Agridex	1	% v/v	19.2	fl oz/a	VEPOT				
5	Newpath	2	0.0625 lb ai/a	4	fl oz/a	MPOT				
5	Agridex	1	% v/v	19.2	fl oz/a	MPOT				
5	Beyond	1	0.039 lb ai/a	5	fl oz/a	PD+14 d				
5	Agridex	1	% v/v	19.2	fl oz/a	PD+14 d				
6	Newpath	2	0.094 lb ai/a	6	fl oz/a	VEPOT	93a	90a	93a	98a
6	Agridex	1	% v/v	19.2	fl oz/a	VEPOT				
6	Newpath	2	0.094 lb ai/a	6	fl oz/a	MPOT				
6	Agridex	1	% v/v	19.2	fl oz/a	MPOT				
6	Beyond	1	0.039 lb ai/a	5	fl oz/a	PD+14 d				
6	Agridex	1	% v/v	19.2	fl oz/a	PD+14 d				
7	Newpath	2	0.0625 lb ai/a	4	fl oz/a	VEPOT	53d	70d	80c	98a
7	Agridex	1	% v/v	19.2	fl oz/a	VEPOT				
7	Newpath	2	0.0625 lb ai/a	4	fl oz/a	MPOT				
7	Agridex	1	% v/v	19.2	fl oz/a	MPOT				
7	Newpath	2	0.0625 lb ai/a	4	fl oz/a	LPOT				
7	Agridex	1	% v/v	19.2	fl oz/a	LPOT				
7	Beyond	1	0.039 lb ai/a	5	fl oz/a	PD+14 d				
7	Agridex	1	% v/v	19.2	fl oz/a	PD+14 d				
8	Newpath	2	0.0625 lb ai/a	4	fl oz/a	VEPOT	90ab	88ab	88ab	98a
8	Agridex	1	% v/v	19.2	fl oz/a	VEPOT				
8	Newpath	2	0.0625 lb ai/a	4	fl oz/a	MPOT				
8	Agridex	1	% v/v	19.2	fl oz/a	MPOT				
8	Newpath	2	0.0625 lb ai/a	4	fl oz/a	PD+14 d				
8	Beyond	1	0.039 lb ai/a	5	fl oz/a	PD+14 d				
8	Agridex	1	% v/v	19.2	fl oz/a	PD+14 d				

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Department of Agronomy and Environmental Management

Pest Code	COMDI	COMDI	COMDI	COMDI
Rating Date	25/May/2006	8/Jun/2006	20/Jun/2006	17/Jul/2006
Rating Data Type	CONTROL	CONTROL	CONTROL	INJURY
Rating Unit	%	%	%	%
Trt-Eval Interval	8 DAMPOT	17daLPOT	29daLPOT	19daPD14

Trt No.	Treatment Name	Form Conc	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage				
9	Newpath	2	0.125	lb ai/a	8	fl oz/a	VEPOT	90ab	88ab	91ab	98a
9	Agridex		1	% v/v	19.2	fl oz/a	VEPOT				
10	Newpath	2	0.125	lb ai/a	8	fl oz/a	MPOT	40e	84ab	89ab	98a
10	Agridex		1	% v/v	19.2	fl oz/a	MPOT				
11	Newpath	2	0.125	lb ai/a	8	fl oz/a	LPOT		74cd	85bc	98a
11	Agridex		1	% v/v	19.2	fl oz/a	LPOT				
12	Newpath	2	0.125	lb ai/a	8	fl oz/a	VEPOT	93a	85ab	88ab	98a
12	Agridex		1	% v/v	19.2	fl oz/a	VEPOT				
12	Beyond	1	0.039	lb ai/a	5	fl oz/a	PD+14 d				
12	Agridex		1	% v/v	19.2	fl oz/a	PD+14 d				
13	Newpath	2	0.125	lb ai/a	8	fl oz/a	MPOT	43e	84ab	90ab	98a
13	Agridex		1	% v/v	19.2	fl oz/a	MPOT				
13	Beyond	1	0.039	lb ai/a	5	fl oz/a	PD+14 d				
13	Agridex		1	% v/v	19.2	fl oz/a	PD+14 d				
14	Newpath	2	0.125	lb ai/a	8	fl oz/a	LPOT		80bc	80c	98a
14	Agridex		1	% v/v	19.2	fl oz/a	LPOT				
14	Beyond	1	0.039	lb ai/a	5	fl oz/a	PD+14 d				
14	Agridex		1	% v/v	19.2	fl oz/a	PD+14 d				
15	Newpath	2	0.188	lb ai/a	12	fl oz/a	VEPOT	81bc	90a	90ab	98a
15	Agridex		1	% v/v	19.2	fl oz/a	VEPOT				
16	Newpath	2	0.188	lb ai/a	12	fl oz/a	MPOT	45de	83abc	91ab	98a
16	Agridex		1	% v/v	19.2	fl oz/a	MPOT				
17	Newpath	2	0.188	lb ai/a	12	fl oz/a	LPOT		69d	85bc	98a
17	Agridex		1	% v/v	19.2	fl oz/a	LPOT				
18	Newpath	2	0.188	lb ai/a	12	fl oz/a	VEPOT	89ab	88ab	90ab	98a
18	Agridex		1	% v/v	19.2	fl oz/a	VEPOT				
18	Beyond	1	0.039	lb ai/a	5	fl oz/a	PD+14 d				
18	Agridex		1	% v/v	19.2	fl oz/a	PD+14 d				
19	Newpath	2	0.188	lb ai/a	12	fl oz/a	MPOT	78c	81abc	86abc	98a
19	Agridex		1	% v/v	19.2	fl oz/a	MPOT				
19	Beyond	1	0.039	lb ai/a	5	fl oz/a	PD+14 d				
19	Agridex		1	% v/v	19.2	fl oz/a	PD+14 d				
20	Newpath	2	0.188	lb ai/a	12	fl oz/a	LPOT		89ab	89ab	98a
20	Agridex		1	% v/v	19.2	fl oz/a	LPOT				
20	Beyond	1	0.039	lb ai/a	5	fl oz/a	PD+14 d				
20	Agridex		1	% v/v	19.2	fl oz/a	PD+14 d				

LSD (P=.05)	9.5	9.7	7.1	0.0
Standard Deviation	6.7	6.9	5.0	0.0
CV	9.16	8.65	6.02	0.0

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

LSU AgCenter

Department of Agronomy and Environmental Management

Newpath and Beyond Rate and Timing Combinations

Trial ID: C06-01
 Location: RRS-Crowley, LA

Pest Code		CYPES		CYPES		CYPES		CYPES		CYPES		
Rating Date		25/May/2006		8/Jun/2006		20/Jun/2006		5/Jul/2006		17/Jul/2006		
Rating Data Type		CONTROL		CONTROL		CONTROL		CONTROL		INJURY		
Rating Unit		%		%		%		%		%		
Trt-Eval Interval		8 DAMPOT		17daLPOT		29daLPOT		7daPD+14		19daPD14		
Trt No.	Treatment Name	Form Conc	Rate Rate	Unit Unit	Other Rate	Other Rate	Growth Unit	Stage				
1	Nontreated							Of	0e	0e	0e	0d
2	Newpath	2	0.0625	lb ai/a	4	fl oz/a	VEPOT	84bc	89ab	91b	97a	98a
2	Agridex	1		% v/v	19.2	fl oz/a	VEPOT					
2	Newpath	2	0.0625	lb ai/a	4	fl oz/a	MPOT					
2	Agridex	1		% v/v	19.2	fl oz/a	MPOT					
3	Newpath	2	0.094	lb ai/a	6	fl oz/a	VEPOT	86ab	88ab	93a	97a	98a
3	Agridex	1		% v/v	19.2	fl oz/a	VEPOT					
3	Newpath	2	0.094	lb ai/a	6	fl oz/a	MPOT					
3	Agridex	1		% v/v	19.2	fl oz/a	MPOT					
4	Newpath	2	0.0625	lb ai/a	4	fl oz/a	VEPOT	90ab	89ab	91ab	97a	98a
4	Newpath	2	0.0625	lb ai/a	4	fl oz/a	MPOT					
4	Agridex	1		% v/v	19.2	fl oz/a	MPOT					
4	Newpath	2	0.0625	lb ai/a	4	fl oz/a	LPOT					
4	Agridex	1		% v/v	19.2	fl oz/a	LPOT					
5	Newpath	2	0.0625	lb ai/a	4	fl oz/a	VEPOT	89ab	88ab	91ab	97a	98a
5	Agridex	1		% v/v	19.2	fl oz/a	VEPOT					
5	Newpath	2	0.0625	lb ai/a	4	fl oz/a	MPOT					
5	Agridex	1		% v/v	19.2	fl oz/a	MPOT					
5	Beyond	1	0.039	lb ai/a	5	fl oz/a	PD+14 d					
5	Agridex	1		% v/v	19.2	fl oz/a	PD+14 d					
6	Newpath	2	0.094	lb ai/a	6	fl oz/a	VEPOT	89ab	89ab	93a	97a	98a
6	Agridex	1		% v/v	19.2	fl oz/a	VEPOT					
6	Newpath	2	0.094	lb ai/a	6	fl oz/a	MPOT					
6	Agridex	1		% v/v	19.2	fl oz/a	MPOT					
6	Beyond	1	0.039	lb ai/a	5	fl oz/a	PD+14 d					
6	Agridex	1		% v/v	19.2	fl oz/a	PD+14 d					
7	Newpath	2	0.0625	lb ai/a	4	fl oz/a	VEPOT	53d	80bc	90abc	92a	98a
7	Agridex	1		% v/v	19.2	fl oz/a	VEPOT					
7	Newpath	2	0.0625	lb ai/a	4	fl oz/a	MPOT					
7	Agridex	1		% v/v	19.2	fl oz/a	MPOT					
7	Newpath	2	0.0625	lb ai/a	4	fl oz/a	LPOT					
7	Agridex	1		% v/v	19.2	fl oz/a	LPOT					
7	Beyond	1	0.039	lb ai/a	5	fl oz/a	PD+14 d					
7	Agridex	1		% v/v	19.2	fl oz/a	PD+14 d					
8	Newpath	2	0.0625	lb ai/a	4	fl oz/a	VEPOT	89ab	90a	90abc	95a	98a
8	Agridex	1		% v/v	19.2	fl oz/a	VEPOT					
8	Newpath	2	0.0625	lb ai/a	4	fl oz/a	MPOT					
8	Agridex	1		% v/v	19.2	fl oz/a	MPOT					
8	Newpath	2	0.0625	lb ai/a	4	fl oz/a	PD+14 d					
8	Beyond	1	0.039	lb ai/a	5	fl oz/a	PD+14 d					
8	Agridex	1		% v/v	19.2	fl oz/a	PD+14 d					

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Department of Agronomy and Environmental Management

Pest Code							CYPES	CYPES	CYPES	CYPES	CYPES	
Rating Date							25/May/2006	8/Jun/2006	20/Jun/2006	5/Jul/2006	17/Jul/2006	
Rating Data Type							CONTROL	CONTROL	CONTROL	CONTROL	INJURY	
Rating Unit							%	%	%	%	%	
Trt-Eval Interval							8 DAMPOT	17daLPOT	29daLPOT	7daPD+14	19daPD14	
Trt No.	Treatment Name	Form Conc	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage					
9	Newpath	2	0.125	lb ai/a	8	fl oz/a	VEPOT	94a	90a	90abc	97a	98a
9	Agridex	1	1	% v/v	19.2	fl oz/a	VEPOT					
10	Newpath	2	0.125	lb ai/a	8	fl oz/a	MPOT	35e	78c	91ab	94a	96a
10	Agridex	1	1	% v/v	19.2	fl oz/a	MPOT					
11	Newpath	2	0.125	lb ai/a	8	fl oz/a	LPOT		61d	88bcd	65c	61c
11	Agridex	1	1	% v/v	19.2	fl oz/a	LPOT					
12	Newpath	2	0.125	lb ai/a	8	fl oz/a	VEPOT	93a	85abc	90abc	97a	94a
12	Agridex	1	1	% v/v	19.2	fl oz/a	VEPOT					
12	Beyond	1	0.039	lb ai/a	5	fl oz/a	PD+14 d					
12	Agridex	1	1	% v/v	19.2	fl oz/a	PD+14 d					
13	Newpath	2	0.125	lb ai/a	8	fl oz/a	MPOT	43e	78c	89a-d	97a	98a
13	Agridex	1	1	% v/v	19.2	fl oz/a	MPOT					
13	Beyond	1	0.039	lb ai/a	5	fl oz/a	PD+14 d					
13	Agridex	1	1	% v/v	19.2	fl oz/a	PD+14 d					
14	Newpath	2	0.125	lb ai/a	8	fl oz/a	LPOT		65d	86cd	45d	96a
14	Agridex	1	1	% v/v	19.2	fl oz/a	LPOT					
14	Beyond	1	0.039	lb ai/a	5	fl oz/a	PD+14 d					
14	Agridex	1	1	% v/v	19.2	fl oz/a	PD+14 d					
15	Newpath	2	0.188	lb ai/a	12	fl oz/a	VEPOT	88ab	85abc	90abc	95a	98a
15	Agridex	1	1	% v/v	19.2	fl oz/a	VEPOT					
16	Newpath	2	0.188	lb ai/a	12	fl oz/a	MPOT	35e	80bc	91ab	93a	98a
16	Agridex	1	1	% v/v	19.2	fl oz/a	MPOT					
17	Newpath	2	0.188	lb ai/a	12	fl oz/a	LPOT		64d	85d	85b	80b
17	Agridex	1	1	% v/v	19.2	fl oz/a	LPOT					
18	Newpath	2	0.188	lb ai/a	12	fl oz/a	VEPOT	90ab	88ab	90abc	96a	98a
18	Agridex	1	1	% v/v	19.2	fl oz/a	VEPOT					
18	Beyond	1	0.039	lb ai/a	5	fl oz/a	PD+14 d					
18	Agridex	1	1	% v/v	19.2	fl oz/a	PD+14 d					
19	Newpath	2	0.188	lb ai/a	12	fl oz/a	MPOT	76c	85abc	91ab	95a	98a
19	Agridex	1	1	% v/v	19.2	fl oz/a	MPOT					
19	Beyond	1	0.039	lb ai/a	5	fl oz/a	PD+14 d					
19	Agridex	1	1	% v/v	19.2	fl oz/a	PD+14 d					
20	Newpath	2	0.188	lb ai/a	12	fl oz/a	LPOT		76c	89a-d	84b	98a
20	Agridex	1	1	% v/v	19.2	fl oz/a	LPOT					
20	Beyond	1	0.039	lb ai/a	5	fl oz/a	PD+14 d					
20	Agridex	1	1	% v/v	19.2	fl oz/a	PD+14 d					
LSD (P=.05)							8.3	9.6	4.6	6.1	8.8	
Standard Deviation							5.8	6.8	3.2	4.3	6.2	
CV							8.22	8.8	3.77	5.06	6.89	
Means followed by same letter do not significantly differ (P=.05, LSD)												

LSU AgCenter

Department of Agronomy and Environmental Management

Newpath and Beyond Rate and Timing Combinations

Trial ID: C06-01
 Location: RRS-Crowley, LA

Pest Code							CYPIR	CYPIR	CYPIR	CYPIR	CYPIR
Rating Date							25/May/2006	8/Jun/2006	20/Jun/2006	5/Jul/2006	17/Jul/2006
Rating Data Type							CONTROL	CONTROL	CONTROL	CONTROL	INJURY
Rating Unit							%	%	%	%	%
Trt-Eval Interval							8 DAMPOT	17daLPOT	29daLPOT	7daPD+14	19daPD14
Trt No.	Treatment Name	Form Conc	Rate	Other Rate	Other Rate	Growth Unit Stage					
1	Nontreated						0e	0e	0d	0e	0c
2	Newpath	2	0.0625	lb ai/a	4	fl oz/a	VEPOT	88b	84ab	91ab	98a
2	Agridex	1		% v/v	19.2	fl oz/a	VEPOT				
2	Newpath	2	0.0625	lb ai/a	4	fl oz/a	MPOT				
2	Agridex	1		% v/v	19.2	fl oz/a	MPOT				
3	Newpath	2	0.094	lb ai/a	6	fl oz/a	VEPOT	91ab	89a	93a	98a
3	Agridex	1		% v/v	19.2	fl oz/a	VEPOT				
3	Newpath	2	0.094	lb ai/a	6	fl oz/a	MPOT				
3	Agridex	1		% v/v	19.2	fl oz/a	MPOT				
4	Newpath	2	0.0625	lb ai/a	4	fl oz/a	VEPOT	91ab	90a	91ab	98a
4	Agridex	1		% v/v	19.2	fl oz/a	VEPOT				
4	Newpath	2	0.0625	lb ai/a	4	fl oz/a	MPOT				
4	Agridex	1		% v/v	19.2	fl oz/a	MPOT				
4	Newpath	2	0.0625	lb ai/a	4	fl oz/a	LPOT				
4	Agridex	1		% v/v	19.2	fl oz/a	LPOT				
5	Newpath	2	0.0625	lb ai/a	4	fl oz/a	VEPOT	91ab	90a	91ab	98a
5	Agridex	1		% v/v	19.2	fl oz/a	VEPOT				
5	Newpath	2	0.0625	lb ai/a	4	fl oz/a	MPOT				
5	Agridex	1		% v/v	19.2	fl oz/a	MPOT				
5	Beyond	1	0.039	lb ai/a	5	fl oz/a	PD+14 d				
5	Agridex	1		% v/v	19.2	fl oz/a	PD+14 d				
6	Newpath	2	0.094	lb ai/a	6	fl oz/a	VEPOT	90ab	88a	93a	98a
6	Agridex	1		% v/v	19.2	fl oz/a	VEPOT				
6	Newpath	2	0.094	lb ai/a	6	fl oz/a	MPOT				
6	Agridex	1		% v/v	19.2	fl oz/a	MPOT				
6	Beyond	1	0.039	lb ai/a	5	fl oz/a	PD+14 d				
6	Agridex	1		% v/v	19.2	fl oz/a	PD+14 d				
7	Newpath	2	0.0625	lb ai/a	4	fl oz/a	VEPOT	55d	83ab	90ab	94abc
7	Agridex	1		% v/v	19.2	fl oz/a	VEPOT				
7	Newpath	2	0.0625	lb ai/a	4	fl oz/a	MPOT				
7	Agridex	1		% v/v	19.2	fl oz/a	MPOT				
7	Newpath	2	0.0625	lb ai/a	4	fl oz/a	LPOT				
7	Agridex	1		% v/v	19.2	fl oz/a	LPOT				
7	Beyond	1	0.039	lb ai/a	5	fl oz/a	PD+14 d				
7	Agridex	1		% v/v	19.2	fl oz/a	PD+14 d				
8	Newpath	2	0.0625	lb ai/a	4	fl oz/a	VEPOT	91ab	90a	90ab	98a
8	Agridex	1		% v/v	19.2	fl oz/a	VEPOT				
8	Newpath	2	0.0625	lb ai/a	4	fl oz/a	MPOT				
8	Agridex	1		% v/v	19.2	fl oz/a	MPOT				
8	Newpath	2	0.0625	lb ai/a	4	fl oz/a	PD+14 d				
8	Beyond	1	0.039	lb ai/a	5	fl oz/a	PD+14 d				
8	Agridex	1		% v/v	19.2	fl oz/a	PD+14 d				

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Pest Code				CYPIR	CYPIR	CYPIR	CYPIR	CYPIR				
Rating Date				25/May/2006	8/Jun/2006	20/Jun/2006	5/Jul/2006	17/Jul/2006				
Rating Data Type				CONTROL	CONTROL	CONTROL	CONTROL	INJURY				
Rating Unit				%	%	%	%	%				
Trt-Eval Interval				8 DAMPOT	17daLPOT	29daLPOT	7daPD+14	19daPD14				
Trt No.	Treatment Name	Form Conc	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage					
9	Newpath	2	0.125	lb ai/a	8	fl oz/a	VEPOT	95a	90a	90ab	96ab	98a
9	Agridex		1	% v/v	19.2	fl oz/a	VEPOT					
10	Newpath	2	0.125	lb ai/a	8	fl oz/a	MPOT	50d	80ab	93a	94abc	98a
10	Agridex		1	% v/v	19.2	fl oz/a	MPOT					
11	Newpath	2	0.125	lb ai/a	8	fl oz/a	LPOT		61d	88bc	89d	90b
11	Agridex		1	% v/v	19.2	fl oz/a	LPOT					
12	Newpath	2	0.125	lb ai/a	8	fl oz/a	VEPOT	95a	88a	90ab	98a	96a
12	Agridex		1	% v/v	19.2	fl oz/a	VEPOT					
12	Beyond	1	0.039	lb ai/a	5	fl oz/a	PD+14 d					
12	Agridex		1	% v/v	19.2	fl oz/a	PD+14 d					
13	Newpath	2	0.125	lb ai/a	8	fl oz/a	MPOT	53d	80ab	88bc	96ab	98a
13	Agridex		1	% v/v	19.2	fl oz/a	MPOT					
13	Beyond	1	0.039	lb ai/a	5	fl oz/a	PD+14 d					
13	Agridex		1	% v/v	19.2	fl oz/a	PD+14 d					
14	Newpath	2	0.125	lb ai/a	8	fl oz/a	LPOT		63d	85c	91bcd	96a
14	Agridex		1	% v/v	19.2	fl oz/a	LPOT					
14	Beyond	1	0.039	lb ai/a	5	fl oz/a	PD+14 d					
14	Agridex		1	% v/v	19.2	fl oz/a	PD+14 d					
15	Newpath	2	0.188	lb ai/a	12	fl oz/a	VEPOT	89ab	85ab	90ab	98a	98a
15	Agridex		1	% v/v	19.2	fl oz/a	VEPOT					
16	Newpath	2	0.188	lb ai/a	12	fl oz/a	MPOT	49d	81ab	91ab	96ab	98a
16	Agridex		1	% v/v	19.2	fl oz/a	MPOT					
17	Newpath	2	0.188	lb ai/a	12	fl oz/a	LPOT		65cd	85c	90cd	92b
17	Agridex		1	% v/v	19.2	fl oz/a	LPOT					
18	Newpath	2	0.188	lb ai/a	12	fl oz/a	VEPOT	93ab	88a	90ab	96ab	98a
18	Agridex		1	% v/v	19.2	fl oz/a	VEPOT					
18	Beyond	1	0.039	lb ai/a	5	fl oz/a	PD+14 d					
18	Agridex		1	% v/v	19.2	fl oz/a	PD+14 d					
19	Newpath	2	0.188	lb ai/a	12	fl oz/a	MPOT	80c	86a	91ab	94abc	98a
19	Agridex		1	% v/v	19.2	fl oz/a	MPOT					
19	Beyond	1	0.039	lb ai/a	5	fl oz/a	PD+14 d					
19	Agridex		1	% v/v	19.2	fl oz/a	PD+14 d					
20	Newpath	2	0.188	lb ai/a	12	fl oz/a	LPOT		75bc	89abc	92bcd	98a
20	Agridex		1	% v/v	19.2	fl oz/a	LPOT					
20	Beyond	1	0.039	lb ai/a	5	fl oz/a	PD+14 d					
20	Agridex		1	% v/v	19.2	fl oz/a	PD+14 d					
LSD (P=.05)								6.9	11.2	4.8	4.8	3.1
Standard Deviation								4.9	7.9	3.4	3.4	2.2
CV								6.48	10.22	3.94	3.79	2.42
Means followed by same letter do not significantly differ (P=.05, LSD)												

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Department of Agronomy and Environmental Management

Newpath and Beyond Rate and Timing Combinations

Trial ID: C06-01
 Location: RRS-Crowley, LA

							RICE	RICE	RICE	RICE	RICE
							25/May/2006	8/Jun/2006	20/Jun/2006	5/Jul/2006	17/Jul/2006
							INJURY	INJURY	INJURY	INJURY	INJURY
							%	%	%	%	%
							8 DAMPOT	17daLPOT	29daLPOT	7daPD+14	19daPD14
Trt No.	Treatment Name	Form Conc	Rate	Other Rate	Other Rate	Growth Stage					
1	Nontreated						0a	1d	0d	0a	0a
2	Newpath	2	0.0625	lb ai/a	4	fl oz/a	VEPOT	0a	2bc	2bcd	0a
2	Agridex		1	% v/v	19.2	fl oz/a	VEPOT				
2	Newpath	2	0.0625	lb ai/a	4	fl oz/a	MPOT				
2	Agridex		1	% v/v	19.2	fl oz/a	MPOT				
3	Newpath	2	0.094	lb ai/a	6	fl oz/a	VEPOT	0a	3ab	1bcd	0a
3	Agridex		1	% v/v	19.2	fl oz/a	VEPOT				
3	Newpath	2	0.094	lb ai/a	6	fl oz/a	MPOT				
3	Agridex		1	% v/v	19.2	fl oz/a	MPOT				
4	Newpath	2	0.0625	lb ai/a	4	fl oz/a	VEPOT	0a	2bc	1bcd	0a
4	Agridex		1	% v/v	19.2	fl oz/a	VEPOT				
4	Newpath	2	0.0625	lb ai/a	4	fl oz/a	MPOT				
4	Agridex		1	% v/v	19.2	fl oz/a	MPOT				
4	Newpath	2	0.0625	lb ai/a	4	fl oz/a	LPOT				
4	Agridex		1	% v/v	19.2	fl oz/a	LPOT				
5	Newpath	2	0.0625	lb ai/a	4	fl oz/a	VEPOT	0a	3ab	1cd	0a
5	Agridex		1	% v/v	19.2	fl oz/a	VEPOT				
5	Newpath	2	0.0625	lb ai/a	4	fl oz/a	MPOT				
5	Agridex		1	% v/v	19.2	fl oz/a	MPOT				
5	Beyond	1	0.039	lb ai/a	5	fl oz/a	PD+14 d				
5	Agridex		1	% v/v	19.2	fl oz/a	PD+14 d				
6	Newpath	2	0.094	lb ai/a	6	fl oz/a	VEPOT	0a	2bc	1cd	0a
6	Agridex		1	% v/v	19.2	fl oz/a	VEPOT				
6	Newpath	2	0.094	lb ai/a	6	fl oz/a	MPOT				
6	Agridex		1	% v/v	19.2	fl oz/a	MPOT				
6	Beyond	1	0.039	lb ai/a	5	fl oz/a	PD+14 d				
6	Agridex		1	% v/v	19.2	fl oz/a	PD+14 d				
7	Newpath	2	0.0625	lb ai/a	4	fl oz/a	VEPOT	0a	2bc	3abc	0a
7	Agridex		1	% v/v	19.2	fl oz/a	VEPOT				
7	Newpath	2	0.0625	lb ai/a	4	fl oz/a	MPOT				
7	Agridex		1	% v/v	19.2	fl oz/a	MPOT				
7	Newpath	2	0.0625	lb ai/a	4	fl oz/a	LPOT				
7	Agridex		1	% v/v	19.2	fl oz/a	LPOT				
7	Beyond	1	0.039	lb ai/a	5	fl oz/a	PD+14 d				
7	Agridex		1	% v/v	19.2	fl oz/a	PD+14 d				
8	Newpath	2	0.0625	lb ai/a	4	fl oz/a	VEPOT	0a	2bc	2bcd	0a
8	Agridex		1	% v/v	19.2	fl oz/a	VEPOT				
8	Newpath	2	0.0625	lb ai/a	4	fl oz/a	MPOT				
8	Agridex		1	% v/v	19.2	fl oz/a	MPOT				
8	Newpath	2	0.0625	lb ai/a	4	fl oz/a	PD+14 d				
8	Beyond	1	0.039	lb ai/a	5	fl oz/a	PD+14 d				
8	Agridex		1	% v/v	19.2	fl oz/a	PD+14 d				

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Department of Agronomy and Environmental Management

Pest Code							RICE	RICE	RICE	RICE	RICE	
Rating Date							25/May/2006	8/Jun/2006	20/Jun/2006	5/Jul/2006	17/Jul/2006	
Rating Data Type							INJURY	INJURY	INJURY	INJURY	INJURY	
Rating Unit							%	%	%	%	%	
Trt-Eval Interval							8 DAMPOT	17daLPOT	29daLPOT	7daPD+14	19daPD14	
Trt No.	Treatment Name	Form Conc	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage					
9	Newpath	2	0.125	lb ai/a	8	fl oz/a	VEPOT	0a	2bc	1bcd	0a	0a
9	Agridex	1	1	% v/v	19.2	fl oz/a	VEPOT					
10	Newpath	2	0.125	lb ai/a	8	fl oz/a	MPOT	0a	2abc	3ab	0a	0a
10	Agridex	1	1	% v/v	19.2	fl oz/a	MPOT					
11	Newpath	2	0.125	lb ai/a	8	fl oz/a	LPOT		3ab	4a	0a	0a
11	Agridex	1	1	% v/v	19.2	fl oz/a	LPOT					
12	Newpath	2	0.125	lb ai/a	8	fl oz/a	VEPOT	0a	2c	2bcd	0a	0a
12	Agridex	1	1	% v/v	19.2	fl oz/a	VEPOT					
12	Beyond	1	0.039	lb ai/a	5	fl oz/a	PD+14 d					
12	Agridex	1	1	% v/v	19.2	fl oz/a	PD+14 d					
13	Newpath	2	0.125	lb ai/a	8	fl oz/a	MPOT	0a	2abc	2abc	0a	0a
13	Agridex	1	1	% v/v	19.2	fl oz/a	MPOT					
13	Beyond	1	0.039	lb ai/a	5	fl oz/a	PD+14 d					
13	Agridex	1	1	% v/v	19.2	fl oz/a	PD+14 d					
14	Newpath	2	0.125	lb ai/a	8	fl oz/a	LPOT		2bc	2abc	0a	0a
14	Agridex	1	1	% v/v	19.2	fl oz/a	LPOT					
14	Beyond	1	0.039	lb ai/a	5	fl oz/a	PD+14 d					
14	Agridex	1	1	% v/v	19.2	fl oz/a	PD+14 d					
15	Newpath	2	0.188	lb ai/a	12	fl oz/a	VEPOT	0a	2bc	2bcd	0a	0a
15	Agridex	1	1	% v/v	19.2	fl oz/a	VEPOT					
16	Newpath	2	0.188	lb ai/a	12	fl oz/a	MPOT	0a	2abc	2bcd	0a	0a
16	Agridex	1	1	% v/v	19.2	fl oz/a	MPOT					
17	Newpath	2	0.188	lb ai/a	12	fl oz/a	LPOT		2c	2bcd	0a	0a
17	Agridex	1	1	% v/v	19.2	fl oz/a	LPOT					
18	Newpath	2	0.188	lb ai/a	12	fl oz/a	VEPOT	0a	2abc	1bcd	0a	0a
18	Agridex	1	1	% v/v	19.2	fl oz/a	VEPOT					
18	Beyond	1	0.039	lb ai/a	5	fl oz/a	PD+14 d					
18	Agridex	1	1	% v/v	19.2	fl oz/a	PD+14 d					
19	Newpath	2	0.188	lb ai/a	12	fl oz/a	MPOT	0a	2bc	2bcd	0a	0a
19	Agridex	1	1	% v/v	19.2	fl oz/a	MPOT					
19	Beyond	1	0.039	lb ai/a	5	fl oz/a	PD+14 d					
19	Agridex	1	1	% v/v	19.2	fl oz/a	PD+14 d					
20	Newpath	2	0.188	lb ai/a	12	fl oz/a	LPOT		3a	2bcd	0a	0a
20	Agridex	1	1	% v/v	19.2	fl oz/a	LPOT					
20	Beyond	1	0.039	lb ai/a	5	fl oz/a	PD+14 d					
20	Agridex	1	1	% v/v	19.2	fl oz/a	PD+14 d					
LSD (P=.05)							0.0	0.8	2.2	0.0	0.0	
Standard Deviation							0.0	0.6	1.6	0.0	0.0	
CV							0.0	27.97	96.43	0.0	0.0	
Means followed by same letter do not significantly differ (P=.05, LSD)												

LSU AgCenter

Department of Agronomy and Environmental Management

Newpath and Beyond Rate and Timing Combinations

Trial ID: C06-01
 Location: RRS-Crowley, LA

Pest Code	RICE	RICE	RICE
Rating Date	21/Aug/2006	21/Aug/2006	21/Aug/2006
Rating Data Type	AVG HEIGHT	YIELD	YIELD
Rating Unit	cm	Bu/A	lb/A
Trt-Eval Interval	maturity		

Trt No.	Treatment Name	Form Conc	Rate	Other Rate	Other Rate	Growth Unit Stage	Of	Oh	Oh
1	Nontreated								
2	Newpath	2	0.0625 lb ai/a	4	fl oz/a	VEPOT	84abc	110abc	4961abc
2	Agridex	1	% v/v	19.2	fl oz/a	VEPOT			
2	Newpath	2	0.0625 lb ai/a	4	fl oz/a	MPOT			
2	Agridex	1	% v/v	19.2	fl oz/a	MPOT			
3	Newpath	2	0.094 lb ai/a	6	fl oz/a	VEPOT	85ab	120a	5383a
3	Agridex	1	% v/v	19.2	fl oz/a	VEPOT			
3	Newpath	2	0.094 lb ai/a	6	fl oz/a	MPOT			
3	Agridex	1	% v/v	19.2	fl oz/a	MPOT			
4	Newpath	2	0.0625 lb ai/a	4	fl oz/a	VEPOT	84a-d	107a-d	4837a-d
4	Agridex	1	% v/v	19.2	fl oz/a	VEPOT			
4	Newpath	2	0.0625 lb ai/a	4	fl oz/a	MPOT			
4	Agridex	1	% v/v	19.2	fl oz/a	MPOT			
4	Newpath	2	0.0625 lb ai/a	4	fl oz/a	LPOT			
4	Agridex	1	% v/v	19.2	fl oz/a	LPOT			
5	Newpath	2	0.0625 lb ai/a	4	fl oz/a	VEPOT	81b-e	116ab	5211ab
5	Agridex	1	% v/v	19.2	fl oz/a	VEPOT			
5	Newpath	2	0.0625 lb ai/a	4	fl oz/a	MPOT			
5	Agridex	1	% v/v	19.2	fl oz/a	MPOT			
5	Beyond	1	0.039 lb ai/a	5	fl oz/a	PD+14 d			
5	Agridex	1	% v/v	19.2	fl oz/a	PD+14 d			
6	Newpath	2	0.094 lb ai/a	6	fl oz/a	VEPOT	80b-e	97b-e	4379b-e
6	Agridex	1	% v/v	19.2	fl oz/a	VEPOT			
6	Newpath	2	0.094 lb ai/a	6	fl oz/a	MPOT			
6	Agridex	1	% v/v	19.2	fl oz/a	MPOT			
6	Beyond	1	0.039 lb ai/a	5	fl oz/a	PD+14 d			
6	Agridex	1	% v/v	19.2	fl oz/a	PD+14 d			
7	Newpath	2	0.0625 lb ai/a	4	fl oz/a	VEPOT	85ab	90de	4063de
7	Agridex	1	% v/v	19.2	fl oz/a	VEPOT			
7	Newpath	2	0.0625 lb ai/a	4	fl oz/a	MPOT			
7	Agridex	1	% v/v	19.2	fl oz/a	MPOT			
7	Newpath	2	0.0625 lb ai/a	4	fl oz/a	LPOT			
7	Agridex	1	% v/v	19.2	fl oz/a	LPOT			
7	Beyond	1	0.039 lb ai/a	5	fl oz/a	PD+14 d			
7	Agridex	1	% v/v	19.2	fl oz/a	PD+14 d			
8	Newpath	2	0.0625 lb ai/a	4	fl oz/a	VEPOT	85ab	86e	3874e
8	Agridex	1	% v/v	19.2	fl oz/a	VEPOT			
8	Newpath	2	0.0625 lb ai/a	4	fl oz/a	MPOT			
8	Agridex	1	% v/v	19.2	fl oz/a	MPOT			
8	Newpath	2	0.0625 lb ai/a	4	fl oz/a	PD+14 d			
8	Beyond	1	0.039 lb ai/a	5	fl oz/a	PD+14 d			
8	Agridex	1	% v/v	19.2	fl oz/a	PD+14 d			

LSU AgCenter

Department of Agronomy and Environmental Management

Pest Code							RICE	RICE	RICE	
Rating Date							21/Aug/2006	21/Aug/2006	21/Aug/2006	
Rating Data Type							AVG HEIGHT	YIELD	YIELD	
Rating Unit							cm	Bu/A	lb/A	
Trt-Eval Interval							maturity			
Trt No.	Treatment Name	Form Conc	Rate Rate	Unit Unit	Other Rate	Other Rate	Growth Stage			
9	Newpath	2	0.125	lb ai/a	8	fl oz/a	VEPOT	84a-d	99b-e	4449b-e
9	Agridex	1	1	% v/v	19.2	fl oz/a	VEPOT			
10	Newpath	2	0.125	lb ai/a	8	fl oz/a	MPOT	88a	96cde	4301cde
10	Agridex	1	1	% v/v	19.2	fl oz/a	MPOT			
11	Newpath	2	0.125	lb ai/a	8	fl oz/a	LPOT	77e	41g	1829g
11	Agridex	1	1	% v/v	19.2	fl oz/a	LPOT			
12	Newpath	2	0.125	lb ai/a	8	fl oz/a	VEPOT	88a	109a-d	4926a-d
12	Agridex	1	1	% v/v	19.2	fl oz/a	VEPOT			
12	Beyond	1	0.039	lb ai/a	5	fl oz/a	PD+14 d			
12	Agridex	1	1	% v/v	19.2	fl oz/a	PD+14 d			
13	Newpath	2	0.125	lb ai/a	8	fl oz/a	MPOT	79cde	95cde	4275cde
13	Agridex	1	1	% v/v	19.2	fl oz/a	MPOT			
13	Beyond	1	0.039	lb ai/a	5	fl oz/a	PD+14 d			
13	Agridex	1	1	% v/v	19.2	fl oz/a	PD+14 d			
14	Newpath	2	0.125	lb ai/a	8	fl oz/a	LPOT	79de	65f	2912f
14	Agridex	1	1	% v/v	19.2	fl oz/a	LPOT			
14	Beyond	1	0.039	lb ai/a	5	fl oz/a	PD+14 d			
14	Agridex	1	1	% v/v	19.2	fl oz/a	PD+14 d			
15	Newpath	2	0.188	lb ai/a	12	fl oz/a	VEPOT	82b-e	109a-d	4926a-d
15	Agridex	1	1	% v/v	19.2	fl oz/a	VEPOT			
16	Newpath	2	0.188	lb ai/a	12	fl oz/a	MPOT	85ab	96b-e	4336b-e
16	Agridex	1	1	% v/v	19.2	fl oz/a	MPOT			
17	Newpath	2	0.188	lb ai/a	12	fl oz/a	LPOT	78e	47fg	2108fg
17	Agridex	1	1	% v/v	19.2	fl oz/a	LPOT			
18	Newpath	2	0.188	lb ai/a	12	fl oz/a	VEPOT	84a-d	98b-e	4401b-e
18	Agridex	1	1	% v/v	19.2	fl oz/a	VEPOT			
18	Beyond	1	0.039	lb ai/a	5	fl oz/a	PD+14 d			
18	Agridex	1	1	% v/v	19.2	fl oz/a	PD+14 d			
19	Newpath	2	0.188	lb ai/a	12	fl oz/a	MPOT	84a-d	100b-e	4498b-e
19	Agridex	1	1	% v/v	19.2	fl oz/a	MPOT			
19	Beyond	1	0.039	lb ai/a	5	fl oz/a	PD+14 d			
19	Agridex	1	1	% v/v	19.2	fl oz/a	PD+14 d			
20	Newpath	2	0.188	lb ai/a	12	fl oz/a	LPOT	80cde	109a-d	4915a-d
20	Agridex	1	1	% v/v	19.2	fl oz/a	LPOT			
20	Beyond	1	0.039	lb ai/a	5	fl oz/a	PD+14 d			
20	Agridex	1	1	% v/v	19.2	fl oz/a	PD+14 d			
LSD (P=.05)							5.3	19.6	881.2	
Standard Deviation							3.7	13.8	623.1	
CV							4.75	15.46	15.46	

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

LSU AgCenter

Department of Agronomy and Environmental Management

Regiment Plus Ricestar HT Low Rate for Sprangletop Control in Rice

Experiment number.....: **C06-05**
 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: 04/3/06
 Harvest date.....: N/A
 Crop/Variety: Rice/Trenasse
 Emergence date.....: 04/14/06
 Uniform std. treatment.....: N/A

Application type.....:	EPOT	MPOST	LPOT
Date applied [mm/dd/yy] ...:	5/2/06	5/9/06	5/24/06
Time [hh:mm-hh:mm].....:	11:45-11:55a	9:30-9:45a	9:30-9:45a
Incorporation equip./Depth:	N/A	N/A	N/A
Air/Soil temperature [F]	83/82	81/78	84/81
Relative humidity [%].....:	36%	80%	58
Wind [mph, direction]	4-5 S-SW	8-10 S	3-4 SW
Weather [sunny, etc]	pt cloudy	pt cloudy	pt cloudy
Soil/Leaf surface moist.....:	wet/dry	dry/moist	moist/dry
Crop stage/Height	3 lf/3-5"	3-4 lf/3-4"	1-2 till/6-8"
Sprayer type/MPH.....:	CO ₂ BkPk/3.0	CO ₂ BkPk/3.0	CO ₂ BkPk/3.0
Nozzle type/Size	AMFF/110015	AM/110015	AMFF/110015
Boom ht/# Noz/Spacing ...:	18"/5/15"	18"/5/15"	18"/5/15"
GPA/PSI.....:	15/29	15/15	15/28
Applied by	Hensley	Webster	Zhang

Weed Species (population):	------(height/#leaves)-----		
ECHCG (70-80 m ⁻²)	1-3"/3-4 lf	1-4"/2 lf- 2 till	1-6"/3 lf-1 till
LEFPA (25-35 m ⁻²).....:	1-3"/1-4 lf	1-4"/2 lf-2 till	1-6"/3 lf-3 till
ALRPH (40-50 m ⁻²)	3-4"/4-6 lf	1-12"/4-20 lf	4-8"/12-40 lf
BRAPP (50-60 m ⁻²)	2-3"/3-4 lf	0.5-8"/2 lf-2 till	4-8"/5 lf- 1 till
CYPES(30-40 m ⁻²).....:	4-6"/3-5 lf	2-4"/3-9 lf	2-4"/3-9 lf
CYPIR (110-200 m ⁻²)		0.25-2"/2 lf-2 till	2-3"/3-4 lf

Flush Dates.....: 4/5, 4/20, 5/18
 Permanent Flood

LSU AgCenter

Department of Agronomy and Environmental Management

Regiment Plus Ricestar HT Low Rate for Sprangletop Control in Rice

Trial ID: C06-05
 Location: RRS-Crowley, LA

Pest Code	ECHCG	ECHCG	ECHCG
Rating Date	25/May/2006	5/Jun/2006	20/Jun/2006
Rating Data Type	CONTROL	CONTROL	CONTROL
Rating Unit	%	%	%
Trt-Eval Interval	23daEPOT	12daLPOT	27daLPOT

Trt No.	Treatment Name	Form Conc	Rate	Other Rate	Other Rate	Growth Stage	23daEPOT	12daLPOT	27daLPOT
1	Regiment	80	0.025	lb ai/a	0.5 oz/a	EPOT	96 ab	95a	73 abc
1	Kinetic		0.25	% v/v	4.8 fl oz/a	EPOT			
1	UAN		2	% v/v	38.4 fl oz/a	EPOT			
2	Ricestar HT	0.58	0.077	lb ai/a	17 fl oz/a	EPOT	93 b	93a	78 a
3	Regiment	80	0.025	lb ai/a	0.5 oz/a	EPOT	97 a	92a	69 a-d
3	Kinetic		0.25	% v/v	4.8 fl oz/a	EPOT			
3	Ricestar HT	0.58	0.0453	lb ai/a	10 fl oz/a	EPOT			
3	UAN		2	% v/v	38.4 fl oz/a	EPOT			
4	Regiment	80	0.025	lb ai/a	0.5 oz/a	EPOT	97 a	91a	53 de
4	Kinetic		0.25	% v/v	4.8 fl oz/a	EPOT			
4	Ricestar HT	0.58	0.0634	lb ai/a	14 fl oz/a	EPOT			
4	UAN		2	% v/v	38.4 fl oz/a	EPOT			
5	Regiment	80	0.025	lb ai/a	0.5 oz/a	EPOT	95 ab	91a	66 a-d
5	Kinetic		0.25	% v/v	4.8 fl oz/a	EPOT			
5	Ricestar HT	0.58	0.077	lb ai/a	17 fl oz/a	EPOT			
5	UAN		2	% v/v	38.4 fl oz/a	EPOT			
6	Regiment	80	0.025	lb ai/a	0.5 oz/a	EPOT	97 ab	90a	45 ef
6	Kinetic		0.25	% v/v	4.8 fl oz/a	EPOT			
6	Ricestar HT	0.58	0.109	lb ai/a	24 fl oz/a	EPOT			
6	UAN		2	% v/v	38.4 fl oz/a	EPOT			
7	Clincher	2.37	0.24	lb ai/a	13 fl oz/a	EPOT	95 ab	91a	58 b-e
8	Regiment	80	0.025	lb ai/a	0.5 oz/a	LPOT		68 b	75 ab
8	Kinetic		0.25	% v/v	4.8 fl oz/a	LPOT			
8	UAN		2	% v/v	38.4 fl oz/a	LPOT			
9	Ricestar HT	0.58	0.077	lb ai/a	17 fl oz/a	LPOT		68 b	58 b-e
10	Regiment	80	0.025	lb ai/a	0.5 oz/a	LPOT		60 b	55 cde
10	Kinetic		0.25	% v/v	4.8 fl oz/a	LPOT			
10	Ricestar HT	0.58	0.0453	lb ai/a	10 fl oz/a	LPOT			
10	UAN		2	% v/v	38.4 fl oz/a	LPOT			
11	Regiment	80	0.025	lb ai/a	0.5 oz/a	LPOT		65 b	60 a-e
11	Kinetic		0.25	% v/v	4.8 fl oz/a	LPOT			
11	Ricestar HT	0.58	0.0634	lb ai/a	14 fl oz/a	LPOT			
11	UAN		2	% v/v	38.4 fl oz/a	LPOT			
12	Regiment	80	0.025	lb ai/a	0.5 oz/a	LPOT		65 b	74 abc
12	Kinetic		0.25	% v/v	4.8 fl oz/a	LPOT			
12	Ricestar HT	0.58	0.077	lb ai/a	17 fl oz/a	LPOT			
12	UAN		2	% v/v	38.4 fl oz/a	LPOT			

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Department of Agronomy and Environmental Management

Pest Code	ECHCG	ECHCG	ECHCG
Rating Date	25/May/2006	5/Jun/2006	20/Jun/2006
Rating Data Type	CONTROL	CONTROL	CONTROL
Rating Unit	%	%	%
Trt-Eval Interval	23daEPOT	12daLPOT	27daLPOT

Trt No.	Treatment Name	Form Conc	Rate Rate	Unit Unit	Other Rate	Other Rate	Growth Unit	Stage			
13	Regiment	80	0.025	lb ai/a	0.5	oz/a		LPOT	65b	65a-d	
13	Kinetic		0.25	% v/v	4.8	fl oz/a		LPOT			
13	Ricestar HT	0.58	0.109	lb ai/a	24	fl oz/a		LPOT			
13	UAN		2	% v/v	38.4	fl oz/a		LPOT			
14	Clincher	2.37	0.24	lb ai/a	13	fl oz/a		LPOT	48c	28f	
15	Nontreated								0c	0d 0g	
LSD (P=.05)									3.9	11.6	19.3
Standard Deviation									2.7	8.1	13.5
CV									3.16	11.29	23.73

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

LSU AgCenter

Department of Agronomy and Environmental Management

Regiment Plus Ricestar HT Low Rate for Sprangletop Control in Rice

Trial ID: C06-05
 Location: RRS-Crowley, LA

Pest Code	BRAPP	BRAPP	BRAPP
Rating Date	25/May/2006	5/Jun/2006	20/Jun/2006
Rating Data Type	CONTROL	CONTROL	CONTROL
Rating Unit	%	%	%
Trt-Eval Interval	23daEPOT	12daLPOT	27daLPOT

Trt No.	Treatment Name	Form Conc	Rate	Other Rate	Other Rate	Growth Unit	Stage			
1	Regiment	80	0.025	lb ai/a	0.5	oz/a	EPOT	64 b	61 de	23 g
1	Kinetic		0.25	% v/v	4.8	fl oz/a	EPOT			
1	UAN		2	% v/v	38.4	fl oz/a	EPOT			
2	Ricestar HT	0.58	0.077	lb ai/a	17	fl oz/a	EPOT	95 a	93 ab	81 a
3	Regiment	80	0.025	lb ai/a	0.5	oz/a	EPOT	55 b	65 de	66 abc
3	Kinetic		0.25	% v/v	4.8	fl oz/a	EPOT			
3	Ricestar HT	0.58	0.0453	lb ai/a	10	fl oz/a	EPOT			
3	UAN		2	% v/v	38.4	fl oz/a	EPOT			
4	Regiment	80	0.025	lb ai/a	0.5	oz/a	EPOT	58 b	80 bc	26 g
4	Kinetic		0.25	% v/v	4.8	fl oz/a	EPOT			
4	Ricestar HT	0.58	0.0634	lb ai/a	14	fl oz/a	EPOT			
4	UAN		2	% v/v	38.4	fl oz/a	EPOT			
5	Regiment	80	0.025	lb ai/a	0.5	oz/a	EPOT	69 b	70 cd	53 b-e
5	Kinetic		0.25	% v/v	4.8	fl oz/a	EPOT			
5	Ricestar HT	0.58	0.077	lb ai/a	17	fl oz/a	EPOT			
5	UAN		2	% v/v	38.4	fl oz/a	EPOT			
6	Regiment	80	0.025	lb ai/a	0.5	oz/a	EPOT	71 b	66 cde	56 b-e
6	Kinetic		0.25	% v/v	4.8	fl oz/a	EPOT			
6	Ricestar HT	0.58	0.109	lb ai/a	24	fl oz/a	EPOT			
6	UAN		2	% v/v	38.4	fl oz/a	EPOT			
7	Clincher	2.37	0.24	lb ai/a	13	fl oz/a	EPOT	94 a	96 a	69 ab
8	Regiment	80	0.025	lb ai/a	0.5	oz/a	LPOT		60 de	38 efg
8	Kinetic		0.25	% v/v	4.8	fl oz/a	LPOT			
8	UAN		2	% v/v	38.4	fl oz/a	LPOT			
9	Ricestar HT	0.58	0.077	lb ai/a	17	fl oz/a	LPOT		63 de	60 bcd
10	Regiment	80	0.025	lb ai/a	0.5	oz/a	LPOT		60 de	40 d-g
10	Kinetic		0.25	% v/v	4.8	fl oz/a	LPOT			
10	Ricestar HT	0.58	0.0453	lb ai/a	10	fl oz/a	LPOT			
10	UAN		2	% v/v	38.4	fl oz/a	LPOT			
11	Regiment	80	0.025	lb ai/a	0.5	oz/a	LPOT		60 de	48 c-f
11	Kinetic		0.25	% v/v	4.8	fl oz/a	LPOT			
11	Ricestar HT	0.58	0.0634	lb ai/a	14	fl oz/a	LPOT			
11	UAN		2	% v/v	38.4	fl oz/a	LPOT			
12	Regiment	80	0.025	lb ai/a	0.5	oz/a	LPOT		60 de	48 c-f
12	Kinetic		0.25	% v/v	4.8	fl oz/a	LPOT			
12	Ricestar HT	0.58	0.077	lb ai/a	17	fl oz/a	LPOT			
12	UAN		2	% v/v	38.4	fl oz/a	LPOT			

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Department of Agronomy and Environmental Management

Pest Code	BRAPP	BRAPP	BRAPP
Rating Date	25/May/2006	5/Jun/2006	20/Jun/2006
Rating Data Type	CONTROL	CONTROL	CONTROL
Rating Unit	%	%	%
Trt-Eval Interval	23daEPOT	12daLPOT	27daLPOT

Trt No.	Treatment Name	Form Conc	Rate Rate	Unit Unit	Other Rate	Other Rate	Growth Unit	Stage			
13	Regiment	80	0.025	lb ai/a	0.5	oz/a		LPOT		60 de	24 g
13	Kinetic		0.25	% v/v	4.8	fl oz/a		LPOT			
13	Ricestar HT	0.58	0.109	lb ai/a	24	fl oz/a		LPOT			
13	UAN		2	% v/v	38.4	fl oz/a		LPOT			
14	Clincher	2.37	0.24	lb ai/a	13	fl oz/a		LPOT		55 e	28 fg
15	Nontreated									0 c	0 f 0 h
LSD (P=.05)									17.7	14.3	20.2
Standard Deviation									12.0	10.0	14.1
CV									19.1	15.78	32.18

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

LSU AgCenter

Department of Agronomy and Environmental Management

Regiment Plus Ricestar HT Low Rate for Sprangletop Control in Rice

Trial ID: C06-05
 Location: RRS-Crowley, LA

Pest Code	LEFPA	LEFPA	LEFPA
Rating Date	25/May/2006	5/Jun/2006	20/Jun/2006
Rating Data Type	CONTROL	CONTROL	CONTROL
Rating Unit	%	%	%
Trt-Eval Interval	23daEPOT	12daLPOT	27daLPOT

Trt No.	Treatment Name	Form Conc	Rate	Other Rate	Other Rate	Growth Stage			
1	Regiment	80	0.025	lb ai/a	0.5 oz/a	EPOT	39b	35cde	24d
1	Kinetic		0.25	% v/v	4.8 fl oz/a	EPOT			
1	UAN		2	% v/v	38.4 fl oz/a	EPOT			
2	Ricestar HT	0.58	0.077	lb ai/a	17 fl oz/a	EPOT	95a	94a	81a
3	Regiment	80	0.025	lb ai/a	0.5 oz/a	EPOT	35b	28e	24d
3	Kinetic		0.25	% v/v	4.8 fl oz/a	EPOT			
3	Ricestar HT	0.58	0.0453	lb ai/a	10 fl oz/a	EPOT			
3	UAN		2	% v/v	38.4 fl oz/a	EPOT			
4	Regiment	80	0.025	lb ai/a	0.5 oz/a	EPOT	38b	40cd	25d
4	Kinetic		0.25	% v/v	4.8 fl oz/a	EPOT			
4	Ricestar HT	0.58	0.0634	lb ai/a	14 fl oz/a	EPOT			
4	UAN		2	% v/v	38.4 fl oz/a	EPOT			
5	Regiment	80	0.025	lb ai/a	0.5 oz/a	EPOT	34b	38cde	25d
5	Kinetic		0.25	% v/v	4.8 fl oz/a	EPOT			
5	Ricestar HT	0.58	0.077	lb ai/a	17 fl oz/a	EPOT			
5	UAN		2	% v/v	38.4 fl oz/a	EPOT			
6	Regiment	80	0.025	lb ai/a	0.5 oz/a	EPOT	33b	33de	24d
6	Kinetic		0.25	% v/v	4.8 fl oz/a	EPOT			
6	Ricestar HT	0.58	0.109	lb ai/a	24 fl oz/a	EPOT			
6	UAN		2	% v/v	38.4 fl oz/a	EPOT			
7	Clincher	2.37	0.24	lb ai/a	13 fl oz/a	EPOT	88a	93a	66b
8	Regiment	80	0.025	lb ai/a	0.5 oz/a	LPOT		45c	25d
8	Kinetic		0.25	% v/v	4.8 fl oz/a	LPOT			
8	UAN		2	% v/v	38.4 fl oz/a	LPOT			
9	Ricestar HT	0.58	0.077	lb ai/a	17 fl oz/a	LPOT		60b	53c
10	Regiment	80	0.025	lb ai/a	0.5 oz/a	LPOT		40cd	30d
10	Kinetic		0.25	% v/v	4.8 fl oz/a	LPOT			
10	Ricestar HT	0.58	0.0453	lb ai/a	10 fl oz/a	LPOT			
10	UAN		2	% v/v	38.4 fl oz/a	LPOT			
11	Regiment	80	0.025	lb ai/a	0.5 oz/a	LPOT		40cd	30d
11	Kinetic		0.25	% v/v	4.8 fl oz/a	LPOT			
11	Ricestar HT	0.58	0.0634	lb ai/a	14 fl oz/a	LPOT			
11	UAN		2	% v/v	38.4 fl oz/a	LPOT			
12	Regiment	80	0.025	lb ai/a	0.5 oz/a	LPOT		40cd	25d
12	Kinetic		0.25	% v/v	4.8 fl oz/a	LPOT			
12	Ricestar HT	0.58	0.077	lb ai/a	17 fl oz/a	LPOT			
12	UAN		2	% v/v	38.4 fl oz/a	LPOT			

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Department of Agronomy and Environmental Management

Pest Code	LEFPA	LEFPA	LEFPA
Rating Date	25/May/2006	5/Jun/2006	20/Jun/2006
Rating Data Type	CONTROL	CONTROL	CONTROL
Rating Unit	%	%	%
Trt-Eval Interval	23daEPOT	12daLPOT	27daLPOT

Trt No.	Treatment Name	Form Conc	Rate Rate	Unit Unit	Other Rate	Other Rate	Growth Unit	Stage		
13	Regiment	80	0.025	lb ai/a	0.5	oz/a		LPOT	38cde	24d
13	Kinetic		0.25	% v/v	4.8	fl oz/a		LPOT		
13	Ricestar HT	0.58	0.109	lb ai/a	24	fl oz/a		LPOT		
13	UAN		2	% v/v	38.4	fl oz/a		LPOT		
14	Clincher	2.37	0.24	lb ai/a	13	fl oz/a		LPOT	33de	28d
15	Nontreated								0c	0f
LSD (P=.05)									10.0	11.6
Standard Deviation									6.8	8.1
CV									15.12	18.55
									22.83	

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

LSU AgCenter

Department of Agronomy and Environmental Management

Regiment Plus Ricestar HT Low Rate for Sprangletop Control in Rice

Trial ID: C06-05
 Location: RRS-Crowley, LA

Pest Code				ALRPH	ALRPH	ALRPH				
Rating Date				25/May/2006	5/Jun/2006	20/Jun/2006				
Rating Data Type				CONTROL	CONTROL	CONTROL				
Rating Unit				%	%	%				
Trt-Eval Interval				23daEPOT	12daLPOT	27daLPOT				
Trt No.	Treatment Name	Form Conc	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
1	Regiment	80	0.025	lb ai/a	0.5	oz/a	EPOT	43a	46b	74b
1	Kinetic		0.25	% v/v	4.8	fl oz/a	EPOT			
1	UAN		2	% v/v	38.4	fl oz/a	EPOT			
2	Ricestar HT	0.58	0.077	lb ai/a	17	fl oz/a	EPOT	0c	0d	0c
3	Regiment	80	0.025	lb ai/a	0.5	oz/a	EPOT	35b	38c	80ab
3	Kinetic		0.25	% v/v	4.8	fl oz/a	EPOT			
3	Ricestar HT	0.58	0.0453	lb ai/a	10	fl oz/a	EPOT			
3	UAN		2	% v/v	38.4	fl oz/a	EPOT			
4	Regiment	80	0.025	lb ai/a	0.5	oz/a	EPOT	40ab	38c	85a
4	Kinetic		0.25	% v/v	4.8	fl oz/a	EPOT			
4	Ricestar HT	0.58	0.0634	lb ai/a	14	fl oz/a	EPOT			
4	UAN		2	% v/v	38.4	fl oz/a	EPOT			
5	Regiment	80	0.025	lb ai/a	0.5	oz/a	EPOT	38ab	40c	78ab
5	Kinetic		0.25	% v/v	4.8	fl oz/a	EPOT			
5	Ricestar HT	0.58	0.077	lb ai/a	17	fl oz/a	EPOT			
5	UAN		2	% v/v	38.4	fl oz/a	EPOT			
6	Regiment	80	0.025	lb ai/a	0.5	oz/a	EPOT	38ab	38c	80ab
6	Kinetic		0.25	% v/v	4.8	fl oz/a	EPOT			
6	Ricestar HT	0.58	0.109	lb ai/a	24	fl oz/a	EPOT			
6	UAN		2	% v/v	38.4	fl oz/a	EPOT			
7	Clincher	2.37	0.24	lb ai/a	13	fl oz/a	EPOT	0c	0d	0c
8	Regiment	80	0.025	lb ai/a	0.5	oz/a	LPOT		60a	81ab
8	Kinetic		0.25	% v/v	4.8	fl oz/a	LPOT			
8	UAN		2	% v/v	38.4	fl oz/a	LPOT			
9	Ricestar HT	0.58	0.077	lb ai/a	17	fl oz/a	LPOT		0d	0c
10	Regiment	80	0.025	lb ai/a	0.5	oz/a	LPOT		60a	78ab
10	Kinetic		0.25	% v/v	4.8	fl oz/a	LPOT			
10	Ricestar HT	0.58	0.0453	lb ai/a	10	fl oz/a	LPOT			
10	UAN		2	% v/v	38.4	fl oz/a	LPOT			
11	Regiment	80	0.025	lb ai/a	0.5	oz/a	LPOT		60a	80ab
11	Kinetic		0.25	% v/v	4.8	fl oz/a	LPOT			
11	Ricestar HT	0.58	0.0634	lb ai/a	14	fl oz/a	LPOT			
11	UAN		2	% v/v	38.4	fl oz/a	LPOT			
12	Regiment	80	0.025	lb ai/a	0.5	oz/a	LPOT		60a	80ab
12	Kinetic		0.25	% v/v	4.8	fl oz/a	LPOT			
12	Ricestar HT	0.58	0.077	lb ai/a	17	fl oz/a	LPOT			
12	UAN		2	% v/v	38.4	fl oz/a	LPOT			

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Department of Agronomy and Environmental Management

Pest Code	ALRPH	ALRPH	ALPRH
Rating Date	25/May/2006	5/Jun/2006	20/Jun/2006
Rating Data Type	CONTROL	CONTROL	CONTROL
Rating Unit	%	%	%
Trt-Eval Interval	23daEPOT	12daLPOT	27daLPOT

Trt No.	Treatment Name	Form Conc	Rate Rate	Unit Unit	Other Rate	Other Rate	Growth Unit	Stage			
13	Regiment	80	0.025	lb ai/a	0.5	oz/a	LPOT		60a	78ab	
13	Kinetic		0.25	% v/v	4.8	fl oz/a	LPOT				
13	Ricestar HT	0.58	0.109	lb ai/a	24	fl oz/a	LPOT				
13	UAN		2	% v/v	38.4	fl oz/a	LPOT				
14	Clincher	2.37	0.24	lb ai/a	13	fl oz/a	LPOT		0d	75b	
15	Nontreated								0c	0d	
<hr/>											
LSD (P=.05)									7.1	4.8	7.8
Standard Deviation									4.8	3.4	5.4
CV									20.09	10.16	9.41

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

LSU AgCenter

Department of Agronomy and Environmental Management

Regiment Plus Ricestar HT Low Rate for Sprangletop Control in Rice

Trial ID: C06-05
 Location: RRS-Crowley, LA

Pest Code				CYPIR		CYPIR		CYPIR		
Rating Date				25/May/2006		5/Jun/2006		20/Jun/2006		
Rating Data Type				CONTROL		CONTROL		CONTROL		
Rating Unit				%		%		%		
Trt-Eval Interval				23daEPOT		12daLPOT		27daLPOT		
Trt No.	Treatment Name	Form Conc	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
1	Regiment	80	0.025	lb ai/a	0.5	oz/a	EPOT	97a	95a	93ab
1	Kinetic		0.25	% v/v	4.8	fl oz/a	EPOT			
1	UAN		2	% v/v	38.4	fl oz/a	EPOT			
2	Ricestar HT	0.58	0.077	lb ai/a	17	fl oz/a	EPOT	0b	0b	0d
3	Regiment	80	0.025	lb ai/a	0.5	oz/a	EPOT	96a	96a	89bc
3	Kinetic		0.25	% v/v	4.8	fl oz/a	EPOT			
3	Ricestar HT	0.58	0.0453	lb ai/a	10	fl oz/a	EPOT			
3	UAN		2	% v/v	38.4	fl oz/a	EPOT			
4	Regiment	80	0.025	lb ai/a	0.5	oz/a	EPOT	98a	95a	95a
4	Kinetic		0.25	% v/v	4.8	fl oz/a	EPOT			
4	Ricestar HT	0.58	0.0634	lb ai/a	14	fl oz/a	EPOT			
4	UAN		2	% v/v	38.4	fl oz/a	EPOT			
5	Regiment	80	0.025	lb ai/a	0.5	oz/a	EPOT	97a	96a	91abc
5	Kinetic		0.25	% v/v	4.8	fl oz/a	EPOT			
5	Ricestar HT	0.58	0.077	lb ai/a	17	fl oz/a	EPOT			
5	UAN		2	% v/v	38.4	fl oz/a	EPOT			
6	Regiment	80	0.025	lb ai/a	0.5	oz/a	EPOT	97a	97a	91abc
6	Kinetic		0.25	% v/v	4.8	fl oz/a	EPOT			
6	Ricestar HT	0.58	0.109	lb ai/a	24	fl oz/a	EPOT			
6	UAN		2	% v/v	38.4	fl oz/a	EPOT			
7	Clincher	2.37	0.24	lb ai/a	13	fl oz/a	EPOT	0b	0b	0d
8	Regiment	80	0.025	lb ai/a	0.5	oz/a	LPOT		97a	91abc
8	Kinetic		0.25	% v/v	4.8	fl oz/a	LPOT			
8	UAN		2	% v/v	38.4	fl oz/a	LPOT			
9	Ricestar HT	0.58	0.077	lb ai/a	17	fl oz/a	LPOT		0b	0d
10	Regiment	80	0.025	lb ai/a	0.5	oz/a	LPOT		96a	90bc
10	Kinetic		0.25	% v/v	4.8	fl oz/a	LPOT			
10	Ricestar HT	0.58	0.0453	lb ai/a	10	fl oz/a	LPOT			
10	UAN		2	% v/v	38.4	fl oz/a	LPOT			
11	Regiment	80	0.025	lb ai/a	0.5	oz/a	LPOT		96a	91abc
11	Kinetic		0.25	% v/v	4.8	fl oz/a	LPOT			
11	Ricestar HT	0.58	0.0634	lb ai/a	14	fl oz/a	LPOT			
11	UAN		2	% v/v	38.4	fl oz/a	LPOT			
12	Regiment	80	0.025	lb ai/a	0.5	oz/a	LPOT		97a	91abc
12	Kinetic		0.25	% v/v	4.8	fl oz/a	LPOT			
12	Ricestar HT	0.58	0.077	lb ai/a	17	fl oz/a	LPOT			
12	UAN		2	% v/v	38.4	fl oz/a	LPOT			

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Pest Code	CYPIR	CYPIR	CYPIR
Rating Date	25/May/2006	5/Jun/2006	20/Jun/2006
Rating Data Type	CONTROL	CONTROL	CONTROL
Rating Unit	%	%	%
Trt-Eval Interval	23daEPOT	12daLPOT	27daLPOT

Trt No.	Treatment Name	Form Conc	Rate Rate	Unit Unit	Other Rate	Other Rate	Growth Unit	Stage				
13	Regiment	80	0.025	lb ai/a	0.5	oz/a		LPOT		96a	90bc	
13	Kinetic		0.25	% v/v	4.8	fl oz/a		LPOT				
13	Ricestar HT	0.58	0.109	lb ai/a	24	fl oz/a		LPOT				
13	UAN		2	% v/v	38.4	fl oz/a		LPOT				
14	Clincher	2.37	0.24	lb ai/a	13	fl oz/a		LPOT		0b	88c	
15	Nontreated									0b	0b	0d
LSD (P=.05)										2.6	2.4	3.9
Standard Deviation										1.8	1.7	2.7
CV										2.91	2.67	4.05

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

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Department of Agronomy and Environmental Management

Regiment Plus Ricestar HT Low Rate for Sprangletop Control in Rice

Trial ID: C06-05
 Location: RRS-Crowley, LA

Pest Code	RICE	RICE	RICE
Rating Date	25/May/2006	5/Jun/2006	20/Jun/2006
Rating Data Type	INJURY	INJURY	INJURY
Rating Unit	%	%	%
Trt-Eval Interval	23daEPOT	12daLPOT	27daLPOT

Trt No.	Treatment Name	Form Conc	Rate	Other Rate	Other Rate	Growth Stage			
1	Regiment	80	0.025	lb ai/a	0.5	oz/a	EPOT	0a	0a
1	Kinetic		0.25	% v/v	4.8	fl oz/a	EPOT		
1	UAN		2	% v/v	38.4	fl oz/a	EPOT		
2	Ricestar HT	0.58	0.077	lb ai/a	17	fl oz/a	EPOT	0a	0a
3	Regiment	80	0.025	lb ai/a	0.5	oz/a	EPOT	0a	0a
3	Kinetic		0.25	% v/v	4.8	fl oz/a	EPOT		
3	Ricestar HT	0.58	0.0453	lb ai/a	10	fl oz/a	EPOT		
3	UAN		2	% v/v	38.4	fl oz/a	EPOT		
4	Regiment	80	0.025	lb ai/a	0.5	oz/a	EPOT	0a	0a
4	Kinetic		0.25	% v/v	4.8	fl oz/a	EPOT		
4	Ricestar HT	0.58	0.0634	lb ai/a	14	fl oz/a	EPOT		
4	UAN		2	% v/v	38.4	fl oz/a	EPOT		
5	Regiment	80	0.025	lb ai/a	0.5	oz/a	EPOT	0a	0a
5	Kinetic		0.25	% v/v	4.8	fl oz/a	EPOT		
5	Ricestar HT	0.58	0.077	lb ai/a	17	fl oz/a	EPOT		
5	UAN		2	% v/v	38.4	fl oz/a	EPOT		
6	Regiment	80	0.025	lb ai/a	0.5	oz/a	EPOT	0a	0a
6	Kinetic		0.25	% v/v	4.8	fl oz/a	EPOT		
6	Ricestar HT	0.58	0.109	lb ai/a	24	fl oz/a	EPOT		
6	UAN		2	% v/v	38.4	fl oz/a	EPOT		
7	Clincher	2.37	0.24	lb ai/a	13	fl oz/a	EPOT	0a	0a
8	Regiment	80	0.025	lb ai/a	0.5	oz/a	LPOT		0a
8	Kinetic		0.25	% v/v	4.8	fl oz/a	LPOT		
8	UAN		2	% v/v	38.4	fl oz/a	LPOT		
9	Ricestar HT	0.58	0.077	lb ai/a	17	fl oz/a	LPOT		0a
10	Regiment	80	0.025	lb ai/a	0.5	oz/a	LPOT		0a
10	Kinetic		0.25	% v/v	4.8	fl oz/a	LPOT		
10	Ricestar HT	0.58	0.0453	lb ai/a	10	fl oz/a	LPOT		
10	UAN		2	% v/v	38.4	fl oz/a	LPOT		
11	Regiment	80	0.025	lb ai/a	0.5	oz/a	LPOT		0a
11	Kinetic		0.25	% v/v	4.8	fl oz/a	LPOT		
11	Ricestar HT	0.58	0.0634	lb ai/a	14	fl oz/a	LPOT		
11	UAN		2	% v/v	38.4	fl oz/a	LPOT		
12	Regiment	80	0.025	lb ai/a	0.5	oz/a	LPOT		0a
12	Kinetic		0.25	% v/v	4.8	fl oz/a	LPOT		
12	Ricestar HT	0.58	0.077	lb ai/a	17	fl oz/a	LPOT		
12	UAN		2	% v/v	38.4	fl oz/a	LPOT		

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Pest Code	RICE	RICE	RICE
Rating Date	25/May/2006	5/Jun/2006	20/Jun/2006
Rating Data Type	INJURY	INJURY	INJURY
Rating Unit	%	%	%
Trt-Eval Interval	23daEPOT	12daLPOT	27daLPOT

Trt No.	Treatment Name	Form Conc	Rate Rate	Unit Unit	Other Rate	Other Rate	Growth Unit Stage			
13	Regiment	80	0.025	lb ai/a	0.5	oz/a	LPOT		0a	0a
13	Kinetic		0.25	% v/v	4.8	fl oz/a	LPOT			
13	Ricestar HT	0.58	0.109	lb ai/a	24	fl oz/a	LPOT			
13	UAN		2	% v/v	38.4	fl oz/a	LPOT			
14	Clincher	2.37	0.24	lb ai/a	13	fl oz/a	LPOT		0a	0a
15	Nontreated								0a	0a
LSD (P=.05)								0.0	0.0	0.0
Standard Deviation								0.0	0.0	0.0
CV								0.0	0.0	0.0

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

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Department of Agronomy and Environmental Management

Clincher and Grasp Combinations

Experiment number.....: **C06-06**
 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: 04/3/06
 Harvest date.....: N/A
 Crop/Variety: Rice/Trenasse
 Emergence date.....: 04/14/06
 Uniform std. treatment.....: N/A

Application type.....: EPOT	MPOT	LPOT
Date applied [mm/dd/yy] ...: 5/2/06	5/9/06	5/22/06
Time [hh:mm-hh:mm].....: 11:05-11:15 a	11:05-11:20 a	2:00-2:15 p
Incorporation equip./Depth: N/A	N/A	N/A
Air/Soil temperature [F]: 83/82	81/78	89/80
Relative humidity [%].....: 36	80	50
Wind [mph, direction]: 4-5 SSW	8-10 S	1-3 S
Weather [sunny, etc]: pt cloudy	pt cloudy	pt cloudy
Soil/Leaf surface moist.....: wet/dry	dry/moist	moist/dry
Crop stage/Height: 3 lf/3-5"	3-4 lf/3-4"	3-4 til/8-10"
Sprayer type/MPH.....: CO ₂ BkPk/3.0	CO ₂ BkPk/3.0	CO ₂ BkPk/3.0
Nozzle type/Size: AMFF/110015	AMFF/110015	AMFF/110015
Boom ht/# Noz/Spacing ...: 18"/5/15"	18"/5/15"	18"/5/15"
GPA/PSI.....: 15/29	15/15	15/28
Applied by: Hensley	Webster	Zhang

Weed Species (population) :-	-----(height/#leaves)-----	
ECHCG(70-80 m ⁻²): 1-3"/3-4 lf	1-4"/2 lf-2 til	5-8"/2-3 til
ALRPH(10-15 m ⁻²): 3-4"/4-6 lf	1-12"/ 4-20 lf	7-9"/3-4 til
LEFPA (25-35 m ⁻²).....: 1-4"/2 lf-2 til	1-4"/2 lf-2 til	7-9"/2-3 til
BRAPP(50-60 m ⁻²): 2-3"/3-4 lf	0.5-8"/ 2 lf-2 til	7-9"/3-4 lf

Flush Dates.....: 4/5, 4/20, 5/18
 Permanent Flood: 6/1

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Clincher Grasp Combinations

Trial ID: C06-06
 Location: RRS-Crowley, LA

Pest Code		ECHCG		ECHCG		ECHCG		ECHCG		
Rating Date		10/May/2006		25/May/2006		5/Jun/2006		20/Jun/2006		
Rating Data Type		CONTROL		CONTROL		CONTROL		CONTROL		
Rating Unit		%		%		%		%		
Trt-Eval Interval		8daEPOT		16daMPOT		14daLPOT		29daLPOT		
Trt No.	Treatment Name	Form Conc	Rate	Unit	Other Rate	Other Unit	Growth Stage			
1	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	90a	97a	98a	87ab
1	Grasp	2	0.0313	lb ai/a	2	fl oz/a				
1	Agridex		1	% v/v			EPOT			
2	Clincher	2.38	0.28	lb ai/a	15	fl oz/a		88bc	86b-e	81ab
2	Grasp	2	0.0313	lb ai/a	2	fl oz/a				
2	Agridex		1	% v/v			MPOT			
3	Clincher	2.38	0.28	lb ai/a	15	fl oz/a			80c-f	41de
3	Grasp	2	0.0313	lb ai/a	2	fl oz/a				
3	Agridex		1	% v/v			LPOT			
4	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	90a	97a	98a	92a
4	Grasp	2	0.0438	lb ai/a	2.8	fl oz/a				
4	Agridex		1	% v/v			EPOT			
5	Clincher	2.38	0.28	lb ai/a	15	fl oz/a		86c	88a-d	83ab
5	Grasp	2	0.0438	lb ai/a	2.8	fl oz/a				
5	Agridex		1	% v/v			MPOT			
6	Clincher	2.38	0.28	lb ai/a	15	fl oz/a			78def	54cd
6	Grasp	2	0.0438	lb ai/a	2.8	fl oz/a				
6	Agridex		1	% v/v			LPOT			
7	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	86a	97a	93ab	81ab
7	No Grasp									
7	Agridex		1	% v/v			EPOT			
8	Clincher	2.38	0.28	lb ai/a	15	fl oz/a		88bc	54g	31e
8	No Grasp									
8	Agridex		1	% v/v			MPOT			
9	Clincher	2.38	0.28	lb ai/a	15	fl oz/a			78def	56c
9	No Grasp									
9	Agridex		1	% v/v			LPOT			
10	No Clincher						65b	91abc	86b-e	75b
10	Grasp	2	0.0313	lb ai/a	2	fl oz/a				
10	Agridex		1	% v/v			EPOT			
11	No Clincher							88bc	85b-e	34e
11	Grasp	2	0.0313	lb ai/a	2	fl oz/a				
11	Agridex		1	% v/v			MPOT			
12	No Clincher								76ef	43cde
12	Grasp	2	0.0313	lb ai/a	2	fl oz/a				
12	Agridex		1	% v/v			LPOT			
13	No Clincher						55b	93ab	89abc	79ab
13	Grasp	2	0.0438	lb ai/a	2.8	fl oz/a				
13	Agridex		1	% v/v			EPOT			

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Pest Code		ECHCG		ECHCG		ECHCG		ECHCG	
Rating Date		10/May/2006		25/May/2006		5/Jun/2006		20/Jun/2006	
Rating Data Type		CONTROL		CONTROL		CONTROL		CONTROL	
Rating Unit		%		%		%		%	
Trt-Eval Interval		8daEPOT		16daMPOT		14daLPOT		29daLPOT	
Trt No.	Treatment Name	Form Conc	Rate Rate	Unit	Other Rate	Other Rate	Unit	Growth Stage	
14	No Clincher								
14	Grasp	2	0.0438	lb ai/a	2.8	fl oz/a			93ab 88a-d 53cd
14	Agridex	1		% v/v				MPOT	
15	No Clincher								
15	Grasp	2	0.0438	lb ai/a	2.8	fl oz/a			73f 38e
15	Agridex	1		% v/v				LPOT	
16	No Clincher							0c	0d 0h 0f
16	No Grasp								
16	Agridex	1		% v/v				EPOT	
17	No Clincher								
17	No Grasp								0d 0h 0f
17	Agridex	1		% v/v				MPOT	
18	No Clincher								0h 0f
18	No Grasp								
18	Agridex	1		% v/v				LPOT	
LSD (P=.05)									12.5 6.1 10.8 14.0
Standard Deviation									8.3 4.2 7.7 9.9
CV									12.89 5.48 11.04 19.33

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

LSU AgCenter

Department of Agronomy and Environmental Management

Clincher Grasp Combinations

Trial ID: C06-06
 Location: RRS-Crowley, LA

Pest Code				BRAPP	BRAPP	BRAPP	BRAPP
Rating Date				10/May/2006	25/May/2006	5/Jun/2006	20/Jun/2006
Rating Data Type				CONTROL	CONTROL	CONTROL	CONTROL
Rating Unit				%	%	%	%
Trt-Eval Interval				8daEPOT	16daMPOT	14daLPOT	29daLPOT
Trt No.	Treatment Name	Form Conc	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage
1	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	89b
1	Grasp	2	0.0313	lb ai/a	2	fl oz/a	85ab
1	Agridex		1	% v/v			74bcd
							66bc
							EPOT
2	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	75b
2	Grasp	2	0.0313	lb ai/a	2	fl oz/a	64cd
2	Agridex		1	% v/v			58bcd
							MPOT
3	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	74bcd
3	Grasp	2	0.0313	lb ai/a	2	fl oz/a	56cde
3	Agridex		1	% v/v			LPOT
4	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	94a
4	Grasp	2	0.0438	lb ai/a	2.8	fl oz/a	85ab
4	Agridex		1	% v/v			91a
							66bc
							EPOT
5	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	63c
5	Grasp	2	0.0438	lb ai/a	2.8	fl oz/a	45e
5	Agridex		1	% v/v			43ef
							MPOT
6	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	70bcd
6	Grasp	2	0.0438	lb ai/a	2.8	fl oz/a	40f
6	Agridex		1	% v/v			LPOT
7	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	90ab
7	No Grasp						95a
7	Agridex		1	% v/v			85ab
							89a
							EPOT
8	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	86ab
8	No Grasp						63d
8	Agridex		1	% v/v			65bc
							MPOT
9	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	78abc
9	No Grasp						71b
9	Agridex		1	% v/v			LPOT
10	No Clincher						25d
10	Grasp	2	0.0313	lb ai/a	2	fl oz/a	31d
10	Agridex		1	% v/v			0h
							0h
							EPOT
11	No Clincher						35d
11	Grasp	2	0.0313	lb ai/a	2	fl oz/a	30f
11	Agridex		1	% v/v			18g
							MPOT
12	No Clincher						34ef
12	Grasp	2	0.0313	lb ai/a	2	fl oz/a	56cde
12	Agridex		1	% v/v			LPOT
13	No Clincher						30c
13	Grasp	2	0.0438	lb ai/a	2.8	fl oz/a	38d
13	Agridex		1	% v/v			38ef
							40f
							EPOT

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Pest Code				BRAPP	BRAPP	BRAPP	BRAPP
Rating Date				10/May/2006	25/May/2006	5/Jun/2006	20/Jun/2006
Rating Data Type				CONTROL	CONTROL	CONTROL	CONTROL
Rating Unit				%	%	%	%
Trt-Eval Interval				8daEPOT	16daMPOT	14daLPOT	29daLPOT
Trt No.	Treatment Name	Form Conc	Rate Rate	Unit	Other Rate	Other Rate	Growth Unit Stage
14	No Clincher						55c 30f 45def
14	Grasp	2	0.0438	lb ai/a	2.8	fl oz/a	
14	Agridex		1	% v/v			MPOT
15	No Clincher						15g 19g
15	Grasp	2	0.0438	lb ai/a	2.8	fl oz/a	
15	Agridex		1	% v/v			LPOT
16	No Clincher						0e 0e 0h 0h
16	No Grasp						
16	Agridex		1	% v/v			EPOT
17	No Clincher						0e 0h 0h
17	No Grasp						
17	Agridex		1	% v/v			MPOT
18	No Clincher						0h 0h
18	No Grasp						
18	Agridex		1	% v/v			LPOT
LSD (P=.05)				4.5	11.5	14.8	14.3
Standard Deviation				3.0	7.9	10.5	10.1
CV				5.46	14.72	23.89	24.96

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

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Department of Agronomy and Environmental Management

Clincher Grasp Combinations

Trial ID: C06-06
 Location: RRS-Crowley, LA

Pest Code		LEFPA		LEFPA		LEPFA		LEFPA					
Rating Date		10/May/2006		25/May/2006		5/Jun/2006		20/Jun/2006					
Rating Data Type		CONTROL		CONTROL		CONTROL		CONTROL					
Rating Unit		%		%		%		%					
Trt-Eval Interval		8daEPOT		16daMPOT		14daLPOT		29daLPOT					
Trt No.	Treatment Name	Form Conc	Rate Rate	Unit Unit	Other Rate	Other Rate	Unit Unit	Growth Stage					
1	Clincher	2.38	0.28	lb ai/a	15	fl oz/a		91a		92a		96a	85a
1	Grasp	2	0.0313	lb ai/a	2	fl oz/a							
1	Agridex		1	% v/v				EPOT					
2	Clincher	2.38	0.28	lb ai/a	15	fl oz/a				80b		65cd	63b
2	Grasp	2	0.0313	lb ai/a	2	fl oz/a							
2	Agridex		1	% v/v				MPOT					
3	Clincher	2.38	0.28	lb ai/a	15	fl oz/a						69c	33efg
3	Grasp	2	0.0313	lb ai/a	2	fl oz/a							
3	Agridex		1	% v/v				LPOT					
4	Clincher	2.38	0.28	lb ai/a	15	fl oz/a		95a		95a		98a	89a
4	Grasp	2	0.0438	lb ai/a	2.8	fl oz/a							
4	Agridex		1	% v/v				EPOT					
5	Clincher	2.38	0.28	lb ai/a	15	fl oz/a				78b		50de	46cde
5	Grasp	2	0.0438	lb ai/a	2.8	fl oz/a							
5	Agridex		1	% v/v				MPOT					
6	Clincher	2.38	0.28	lb ai/a	15	fl oz/a						70c	39def
6	Grasp	2	0.0438	lb ai/a	2.8	fl oz/a							
6	Agridex		1	% v/v				LPOT					
7	Clincher	2.38	0.28	lb ai/a	15	fl oz/a		78b		96a		86ab	83a
7	No Grasp												
7	Agridex		1	% v/v				EPOT					
8	Clincher	2.38	0.28	lb ai/a	15	fl oz/a				86ab		44ef	58bc
8	No Grasp												
8	Agridex		1	% v/v				MPOT					
9	Clincher	2.38	0.28	lb ai/a	15	fl oz/a						79bc	53bcd
9	No Grasp												
9	Agridex		1	% v/v				LPOT					
10	No Clincher							63c		35c		0i	0h
10	Grasp	2	0.0313	lb ai/a	2	fl oz/a							
10	Agridex		1	% v/v				EPOT					
11	No Clincher									36c		34fg	29fg
11	Grasp	2	0.0313	lb ai/a	2	fl oz/a							
11	Agridex		1	% v/v				MPOT					
12	No Clincher											38efg	36ef
12	Grasp	2	0.0313	lb ai/a	2	fl oz/a							
12	Agridex		1	% v/v				LPOT					
13	No Clincher							63c		33c		36efg	35efg
13	Grasp	2	0.0438	lb ai/a	2.8	fl oz/a							
13	Agridex		1	% v/v				EPOT					

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Pest Code				LEFPA	LEFPA	LEPFA	LEFPA
Rating Date				10/May/2006	25/May/2006	5/Jun/2006	20/Jun/2006
Rating Data Type				CONTROL	CONTROL	CONTROL	CONTROL
Rating Unit				%	%	%	%
Trt-Eval Interval				8daEPOT	16daMPOT	14daLPOT	29daLPOT
Trt No.	Treatment Name	Form Conc	Rate Rate	Unit	Other Rate	Other Rate	Growth Unit Stage
14	No Clincher						
14	Grasp	2	0.0438	lb ai/a	2.8	fl oz/a	
14	Agridex	1		% v/v			MPOT
							35c 28gh 20g
15	No Clincher						
15	Grasp	2	0.0438	lb ai/a	2.8	fl oz/a	
15	Agridex	1		% v/v			LPOT
							15hi 38def
16	No Clincher						0d 0d 0i 0h
16	No Grasp						
16	Agridex	1		% v/v			EPOT
17	No Clincher						0d 0i 0h
17	No Grasp						
17	Agridex	1		% v/v			MPOT
18	No Clincher						0i 0h
18	No Grasp						
18	Agridex	1		% v/v			LPOT
LSD (P=.05)				7.7	10.5	15.1	15.4
Standard Deviation				5.1	7.2	10.7	10.9
CV				7.88	13.08	23.84	27.8

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

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Department of Agronomy and Environmental Management

Clincher Grasp Combinations

Trial ID: C06-06
 Location: RRS-Crowley, LA

Pest Code	ALRPH	ALRPH	ALRPH
Rating Date	10/May/2006	25/May/2006	20/Jun/2006
Rating Data Type	CONTROL	CONTROL	CONTROL
Rating Unit	%	%	%
Trt-Eval Interval	8daEPOT	16daMPOT	29daLPOT

Trt No.	Treatment Name	Form Conc	Rate	Unit	Other Rate	Other Unit	Growth Stage			
1	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	94a		95a	88c
1	Grasp	2	0.0313	lb ai/a	2	fl oz/a				
1	Agridex		1	% v/v			EPOT			
2	Clincher	2.38	0.28	lb ai/a	15	fl oz/a			93ab	89bc
2	Grasp	2	0.0313	lb ai/a	2	fl oz/a				
2	Agridex		1	% v/v			MPOT			
3	Clincher	2.38	0.28	lb ai/a	15	fl oz/a				91ab
3	Grasp	2	0.0313	lb ai/a	2	fl oz/a				
3	Agridex		1	% v/v			LPOT			
4	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	95a		93ab	93a
4	Grasp	2	0.0438	lb ai/a	2.8	fl oz/a				
4	Agridex		1	% v/v			EPOT			
5	Clincher	2.38	0.28	lb ai/a	15	fl oz/a			93ab	91ab
5	Grasp	2	0.0438	lb ai/a	2.8	fl oz/a				
5	Agridex		1	% v/v			MPOT			
6	Clincher	2.38	0.28	lb ai/a	15	fl oz/a				91ab
6	Grasp	2	0.0438	lb ai/a	2.8	fl oz/a				
6	Agridex		1	% v/v			LPOT			
7	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	0b		0c	0d
7	No Grasp									
7	Agridex		1	% v/v			EPOT			
8	Clincher	2.38	0.28	lb ai/a	15	fl oz/a			0c	0d
8	No Grasp									
8	Agridex		1	% v/v			MPOT			
9	Clincher	2.38	0.28	lb ai/a	15	fl oz/a				0d
9	No Grasp									
9	Agridex		1	% v/v			LPOT			
10	No Clincher							95a	93ab	91ab
10	Grasp	2	0.0313	lb ai/a	2	fl oz/a				
10	Agridex		1	% v/v			EPOT			
11	No Clincher								90b	89bc
11	Grasp	2	0.0313	lb ai/a	2	fl oz/a				
11	Agridex		1	% v/v			MPOT			
12	No Clincher									89bc
12	Grasp	2	0.0313	lb ai/a	2	fl oz/a				
12	Agridex		1	% v/v			LPOT			
13	No Clincher							95a	93ab	91ab
13	Grasp	2	0.0438	lb ai/a	2.8	fl oz/a				
13	Agridex		1	% v/v			EPOT			

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Pest Code	ALRPH	ALRPH	ALRPH
Rating Date	10/May/2006	25/May/2006	20/Jun/2006
Rating Data Type	CONTROL	CONTROL	CONTROL
Rating Unit	%	%	%
Trt-Eval Interval	8daEPOT	16daMPOT	29daLPOT

Trt No.	Treatment Name	Form Conc	Rate Rate	Unit Unit	Other Rate	Other Rate	Growth Unit	Stage			
14	No Clincher									93ab	90abc
14	Grasp	2	0.0438	lb ai/a	2.8	fl oz/a					
14	Agridex		1	% v/v				MPOT			
15	No Clincher										90abc
15	Grasp	2	0.0438	lb ai/a	2.8	fl oz/a					
15	Agridex		1	% v/v				LPOT			
16	No Clincher								0b	0c	0d
16	No Grasp										
16	Agridex		1	% v/v				EPOT			
17	No Clincher									0c	0d
17	No Grasp										
17	Agridex		1	% v/v				MPOT			
18	No Clincher										0d
18	No Grasp										
18	Agridex		1	% v/v				LPOT			
LSD (P=.05)									1.5	3.5	3.5
Standard Deviation									1.0	2.4	2.5
CV									1.62	3.91	4.12

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

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Department of Agronomy and Environmental Management

Clincher Grasp Combinations

Trial ID: C06-06
 Location: RRS-Crowley, LA

Pest Code	RICE	RICE	RICE	RICE
Rating Date	10/May/2006	25/May/2006	5/Jun/2006	20/Jun/2006
Rating Data Type	INJURY	INJURY	INJURY	INJURY
Rating Unit	%	%	%	%
Trt-Eval Interval	8daEPOT	16daMPOT	14daLPOT	29daLPOT

Trt No.	Treatment Name	Form Conc	Rate	Unit	Other Rate	Other Unit	Growth Stage				
1	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	0a				
1	Grasp	2	0.0313	lb ai/a	2	fl oz/a		0a			
1	Agridex		1	% v/v			EPOT				
2	Clincher	2.38	0.28	lb ai/a	15	fl oz/a		0a			
2	Grasp	2	0.0313	lb ai/a	2	fl oz/a					
2	Agridex		1	% v/v			MPOT				
3	Clincher	2.38	0.28	lb ai/a	15	fl oz/a				0a	0a
3	Grasp	2	0.0313	lb ai/a	2	fl oz/a					
3	Agridex		1	% v/v			LPOT				
4	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	0a		0a		0a
4	Grasp	2	0.0438	lb ai/a	2.8	fl oz/a					
4	Agridex		1	% v/v			EPOT				
5	Clincher	2.38	0.28	lb ai/a	15	fl oz/a			0a		0a
5	Grasp	2	0.0438	lb ai/a	2.8	fl oz/a					
5	Agridex		1	% v/v			MPOT				
6	Clincher	2.38	0.28	lb ai/a	15	fl oz/a				0a	0a
6	Grasp	2	0.0438	lb ai/a	2.8	fl oz/a					
6	Agridex		1	% v/v			LPOT				
7	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	0a		0a		0a
7	No Grasp										
7	Agridex		1	% v/v			EPOT				
8	Clincher	2.38	0.28	lb ai/a	15	fl oz/a			0a		0a
8	No Grasp										
8	Agridex		1	% v/v			MPOT				
9	Clincher	2.38	0.28	lb ai/a	15	fl oz/a				0a	0a
9	No Grasp										
9	Agridex		1	% v/v			LPOT				
10	No Clincher							0a		0a	0a
10	Grasp	2	0.0313	lb ai/a	2	fl oz/a					
10	Agridex		1	% v/v			EPOT				
11	No Clincher								0a		0a
11	Grasp	2	0.0313	lb ai/a	2	fl oz/a					
11	Agridex		1	% v/v			MPOT				
12	No Clincher									0a	0a
12	Grasp	2	0.0313	lb ai/a	2	fl oz/a					
12	Agridex		1	% v/v			LPOT				
13	No Clincher							0a		0a	0a
13	Grasp	2	0.0438	lb ai/a	2.8	fl oz/a					
13	Agridex		1	% v/v			EPOT				

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Pest Code				RICE	RICE	RICE	RICE
Rating Date				10/May/2006	25/May/2006	5/Jun/2006	20/Jun/2006
Rating Data Type				INJURY	INJURY	INJURY	INJURY
Rating Unit				%	%	%	%
Trt-Eval Interval				8daEPOT	16daMPOT	14daLPOT	29daLPOT
Trt No.	Treatment Name	Form Conc	Rate Rate	Unit	Other Rate	Other Rate	Growth Unit Stage
14	No Clincher						
14	Grasp	2	0.0438	lb ai/a	2.8	fl oz/a	
14	Agridex		1	% v/v			MPOT
							0a
							0a
							0a
15	No Clincher						
15	Grasp	2	0.0438	lb ai/a	2.8	fl oz/a	
15	Agridex		1	% v/v			LPOT
							0a
							0a
16	No Clincher						
16	No Grasp						
16	Agridex		1	% v/v			EPOT
							0a
							0a
							0a
17	No Clincher						
17	No Grasp						
17	Agridex		1	% v/v			MPOT
							0a
							0a
							0a
18	No Clincher						
18	No Grasp						
18	Agridex		1	% v/v			LPOT
							0a
							0a
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

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

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Department of Agronomy and Environmental Management

Ricestar HT and Grasp Combinations

Experiment number.....: **C06-07**
 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: 04/3/06
 Harvest date.....: N/A
 Crop/Variety: Rice/Trenasse
 Emergence date.....: 04/14/06
 Uniform std. treatment.....: N/A

Application type.....: EPOT	MPOT	LPOT
Date applied [mm/dd/yy] ...: 5/2/06	5/9/06	5/22/06
Time [hh:mm-hh:mm].....: 10:50-11:00a	7:30-7:40a	2:15-2:30p
Incorporation equip./Depth: N/A	N/A	N/A
Air/Soil temperature [F]: 83/82	81/78	89/80
Relative humidity [%].....: 36	80	50
Wind [mph, direction]: 4-5 SSW	8-10 S	1-3 S
Weather [sunny, etc]: pt cloudy	pt cloudy	pt cloudy
Soil/Leaf surface moist.....: wet/dry	dry/moist	moist/dry
Crop stage/Height: 3 lf/3-5"	3-4 lf/3-4"	3-4 til/8-10"
Sprayer type/MPH.....: CO ₂ BkPk/3.0	CO ₂ BkPk/3.0	CO ₂ BkPk/3.0
Nozzle type/Size: AMFF/110015	AMFF/110015	AMFF/110015
Boom ht/# Noz/Spacing ...: 18"/5/15"	18"/5/15"	18"/5/15"
GPA/PSI.....: 15/29	15/15	15/28
Applied by: Hensley	Webster	Zhang

Weed Species (population):-----	(height/#leaves)-----	
ECHCG (70-80 m ⁻²): 1-3"/3-4 lf	2-5"/2 lf- 2 til	5-8"/2-3 til
ALRPH (10-15m ⁻²): 3-4"/4-6 lf	1-12"/4-20 lf	7-9"/10-15 lf
BRAPP (50-60 m ⁻²): 2-3"/3-4 lf	1-8"/2 lf- 2 til	7-9"/3-4 til
CYPES (5 m ⁻²): 2-5"/3-5 lf	3-5"/ 4-8 lf	4-5"/4-5 lf
LEFPA (25-35 m ⁻²).....:	1-4"/2 lf- 2 til	7-9"/2-3 til

Flush Dates.....: 4/5, 4/20, 5/18
 Permanent Flood: 6/1

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Ricestar HT and Grasp Combinations

Trial ID: C06-07
 Location: RRS-Crowley

Pest Code						ECHCG		ECHCG		ECHCG		ECHCG	
Rating Date						10/May/2006		25/May/2006		5/Jun/2006		20/Jun/2006	
Rating Data Type						CONTROL		CONTROL		CONTROL		CONTROL	
Rating Unit						%		%		%		%	
Trt-Eval Interval						8daEPOT		15daMPOT		14daLPOT		29daLPOT	
Trt No.	Treatment Name	Form Conc	Rate	Other Rate	Other Rate	Other Unit	Growth Stage						
1	Ricestar HT	0.58	0.077	lb ai/a	17	fl oz/a	94a	93a	95a	76b			
1	Grasp	2	0.0313	lb ai/a	2	fl oz/a							
1	Agridex		1	% v/v			EPOT						
2	Ricestar HT	0.58	0.077	lb ai/a	17	fl oz/a		50b	38f	0f			
2	Grasp	2	0.0313	lb ai/a	2	fl oz/a							
2	Agridex		1	% v/v			MPOT						
3	Ricestar HT	0.58	0.077	lb ai/a	17	fl oz/a			58e	0f			
3	Grasp	2	0.0313	lb ai/a	2	fl oz/a							
3	Agridex		1	% v/v			LPOT						
4	Ricestar HT	0.58	0.077	lb ai/a	17	fl oz/a	95a	96a	96a	84ab			
4	Grasp	2	0.0438	lb ai/a	2.8	fl oz/a							
4	Agridex		1	% v/v			EPOT						
5	Ricestar HT	0.58	0.077	lb ai/a	17	fl oz/a		55b	33f	21e			
5	Grasp	2	0.0438	lb ai/a	2.8	fl oz/a							
5	Agridex		1	% v/v			MPOT						
6	Ricestar HT	0.58	0.077	lb ai/a	17	fl oz/a			60e	20e			
6	Grasp	2	0.0438	lb ai/a	2.8	fl oz/a							
6	Agridex		1	% v/v			LPOT						
7	Ricestar HT	0.58	0.077	lb ai/a	17	fl oz/a	94a	98a	97a	93a			
7	No Grasp												
7	Agridex		1	% v/v			EPOT						
8	Ricestar HT	0.58	0.077	lb ai/a	17	fl oz/a		58b	43f	49c			
8	No Grasp												
8	Agridex		1	% v/v			MPOT						
9	Ricestar HT	0.58	0.077	lb ai/a	17	fl oz/a			65de	25de			
9	No Grasp												
9	Agridex		1	% v/v			LPOT						
10	No Ricestar HT						80c	93a	90ab	51c			
10	Grasp	2	0.0313	lb ai/a	2	fl oz/a							
10	Agridex		1	% v/v			EPOT						
11	No Ricestar HT							58b	80bc	26de			
11	Grasp	2	0.0313	lb ai/a	2	fl oz/a							
11	Agridex		1	% v/v			MPOT						
12	No Ricestar HT								81bc	21e			
12	Grasp	2	0.0313	lb ai/a	2	fl oz/a							
12	Agridex		1	% v/v			LPOT						
13	No Ricestar HT						85b	91a	90ab	33d			
13	Grasp	2	0.0438	lb ai/a	2.8	fl oz/a							
13	Agridex		1	% v/v			EPOT						

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Department of Agronomy and Environmental Management

Pest Code	ECHCG	ECHCG	ECHCG	ECHCG
Rating Date	10/May/2006	25/May/2006	5/Jun/2006	20/Jun/2006
Rating Data Type	CONTROL	CONTROL	CONTROL	CONTROL
Rating Unit	%	%	%	%
Trt-Eval Interval	8daEPOT	15daMPOT	14daLPOT	29daLPOT

Trt No.	Treatment Name	Form Conc	Rate	Other Rate	Other Rate	Growth Unit Stage				
14	No Ricestar HT							90a	86ab	25de
14	Grasp	2	0.0438 lb ai/a	2.8	fl oz/a					
14	Agridex		1 % v/v			MPOT				
15	No Ricestar HT								73cd	0f
15	Grasp	2	0.0438 lb ai/a	2.8	fl oz/a					
15	Agridex		1 % v/v			LPOT				
16	No Ricestar HT						0d	0c	0g	0f
16	No Grasp									
16	Agridex		1 % v/v			EPOT				
17	No Ricestar HT							0c	0g	0f
17	No Grasp									
17	Agridex		1 % v/v			MPOT				
18	No Ricestar HT								0g	0f
18	No Grasp									
18	Agridex		1 % v/v			LPOT				
LSD (P=.05)							2.2	9.4	10.9	11.0
Standard Deviation							1.5	6.5	7.7	7.8
CV							2.0	9.96	12.82	26.77

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

LSU AgCenter

Department of Agronomy and Environmental Management

Ricestar HT and Grasp Combinations

Trial ID: C06-07
 Location: RRS-Crowley

Pest Code	BRAPP	BRAPP	BRAPP	BRAPP
Rating Date	10/May/2006	25/May/2006	5/June/2006	20/June/2006
Rating Data Type	CONTROL	CONTROL	CONTROL	CONTROL
Rating Unit	%	%	%	%
Trt-Eval Interval	8daEPOT	15daMPOT	14daLPOT	29daLPOT

Trt No.	Treatment Name	Form Conc	Rate	Other Rate	Other Rate	Growth Unit	Stage				
1	Ricestar HT	0.58	0.077	lb ai/a	17	fl oz/a		90a			
1	Grasp	2	0.0313	lb ai/a	2	fl oz/a			97a		
1	Agridex		1	% v/v			EPOT			95ab	91a
2	Ricestar HT	0.58	0.077	lb ai/a	17	fl oz/a			76b		
2	Grasp	2	0.0313	lb ai/a	2	fl oz/a				84c	51c
2	Agridex		1	% v/v			MPOT				
3	Ricestar HT	0.58	0.077	lb ai/a	17	fl oz/a				58d	54c
3	Grasp	2	0.0313	lb ai/a	2	fl oz/a					
3	Agridex		1	% v/v			LPOT				
4	Ricestar HT	0.58	0.077	lb ai/a	17	fl oz/a		88a			
4	Grasp	2	0.0438	lb ai/a	2.8	fl oz/a			96a		
4	Agridex		1	% v/v			EPOT			97a	90a
5	Ricestar HT	0.58	0.077	lb ai/a	17	fl oz/a			80b		
5	Grasp	2	0.0438	lb ai/a	2.8	fl oz/a				88bc	66b
5	Agridex		1	% v/v			MPOT				
6	Ricestar HT	0.58	0.077	lb ai/a	17	fl oz/a				60d	65b
6	Grasp	2	0.0438	lb ai/a	2.8	fl oz/a					
6	Agridex		1	% v/v			LPOT				
7	Ricestar HT	0.58	0.077	lb ai/a	17	fl oz/a		94a			
7	No Grasp								98a		
7	Agridex		1	% v/v			EPOT			97a	94a
8	Ricestar HT	0.58	0.077	lb ai/a	17	fl oz/a			80b		
8	No Grasp									83c	53c
8	Agridex		1	% v/v			MPOT				
9	Ricestar HT	0.58	0.077	lb ai/a	17	fl oz/a				65d	66b
9	No Grasp										
9	Agridex		1	% v/v			LPOT				
10	No Ricestar HT							35c			
10	Grasp	2	0.0313	lb ai/a	2	fl oz/a			38d		
10	Agridex		1	% v/v			EPOT			30e	0d
11	No Ricestar HT								40cd		
11	Grasp	2	0.0313	lb ai/a	2	fl oz/a				33e	0d
11	Agridex		1	% v/v			MPOT				
12	No Ricestar HT									36e	0d
12	Grasp	2	0.0313	lb ai/a	2	fl oz/a					
12	Agridex		1	% v/v			LPOT				
13	No Ricestar HT							55b			
13	Grasp	2	0.0438	lb ai/a	2.8	fl oz/a			50c		
13	Agridex		1	% v/v			EPOT			30e	0d

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Department of Agronomy and Environmental Management

Pest Code	BRAPP	BRAPP	BRAPP	BRAPP
Rating Date	10/May/2006	25/May/2006	5/Jun/2006	20/Jun/2006
Rating Data Type	CONTROL	CONTROL	CONTROL	CONTROL
Rating Unit	%	%	%	%
Trt-Eval Interval	8daEPOT	15daMPOT	14daLPOT	29daLPOT

Trt No.	Treatment Name	Form Conc	Rate	Other Rate	Other Rate	Growth Unit	Stage			
14	No Ricestar HT									
14	Grasp	2	0.0438 lb ai/a	2.8	fl oz/a					
14	Agridex	1	% v/v				MPOT			
15	No Ricestar HT									
15	Grasp	2	0.0438 lb ai/a	2.8	fl oz/a					
15	Agridex	1	% v/v				LPOT			
16	No Ricestar HT					0d				
16	No Grasp									
16	Agridex	1	% v/v				EPOT			
17	No Ricestar HT									
17	No Grasp									
17	Agridex	1	% v/v				MPOT			
18	No Ricestar HT									
18	No Grasp									
18	Agridex	1	% v/v				LPOT			
LSD (P=.05)							6.3	10.2	7.8	8.8
Standard Deviation							4.2	7.1	5.5	6.2
CV							6.99	12.22	10.75	17.83

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

LSU AgCenter

Department of Agronomy and Environmental Management

Ricestar HT and Grasp Combinations

Trial ID: C06-07
 Location: RRS-Crowley

Pest Code						LEFPA		LEFPA		LEFPA		LEFPA	
Rating Date						10/May/2006		25/May/2006		5/Jun/2006		20/Jun/2006	
Rating Data Type						CONTROL		CONTROL		CONTROL		CONTROL	
Rating Unit						%		%		%		%	
Trt-Eval Interval						8daEPOT		15daMPOT		14daLPOT		29daLPOT	
Trt No.	Treatment Name	Form Conc	Rate	Other Rate	Other Rate	Other Unit	Growth Stage						
1	Ricestar HT	0.58	0.077	lb ai/a	17	fl oz/a	95a		97a	95a		90a	
1	Grasp	2	0.0313	lb ai/a	2	fl oz/a							
1	Agridex		1	% v/v			EPOT						
2	Ricestar HT	0.58	0.077	lb ai/a	17	fl oz/a		68c		79b		48c	
2	Grasp	2	0.0313	lb ai/a	2	fl oz/a							
2	Agridex		1	% v/v			MPOT						
3	Ricestar HT	0.58	0.077	lb ai/a	17	fl oz/a				58c		64b	
3	Grasp	2	0.0313	lb ai/a	2	fl oz/a							
3	Agridex		1	% v/v			LPOT						
4	Ricestar HT	0.58	0.077	lb ai/a	17	fl oz/a	94a		96a	98a		90a	
4	Grasp	2	0.0438	lb ai/a	2.8	fl oz/a							
4	Agridex		1	% v/v			EPOT						
5	Ricestar HT	0.58	0.077	lb ai/a	17	fl oz/a		69bc		84b		68b	
5	Grasp	2	0.0438	lb ai/a	2.8	fl oz/a							
5	Agridex		1	% v/v			MPOT						
6	Ricestar HT	0.58	0.077	lb ai/a	17	fl oz/a				60c		66b	
6	Grasp	2	0.0438	lb ai/a	2.8	fl oz/a							
6	Agridex		1	% v/v			LPOT						
7	Ricestar HT	0.58	0.077	lb ai/a	17	fl oz/a	93a		98a	97a		93a	
7	No Grasp												
7	Agridex		1	% v/v			EPOT						
8	Ricestar HT	0.58	0.077	lb ai/a	17	fl oz/a		81b		81b		50c	
8	No Grasp												
8	Agridex		1	% v/v			MPOT						
9	Ricestar HT	0.58	0.077	lb ai/a	17	fl oz/a				65c		64b	
9	No Grasp												
9	Agridex		1	% v/v			LPOT						
10	No Ricestar HT						66c		50d	38d		0d	
10	Grasp	2	0.0313	lb ai/a	2	fl oz/a							
10	Agridex		1	% v/v			EPOT						
11	No Ricestar HT							44de		33d		0d	
11	Grasp	2	0.0313	lb ai/a	2	fl oz/a							
11	Agridex		1	% v/v			MPOT						
12	No Ricestar HT									36d		0d	
12	Grasp	2	0.0313	lb ai/a	2	fl oz/a							
12	Agridex		1	% v/v			LPOT						
13	No Ricestar HT						75b		46d	33d		0d	
13	Grasp	2	0.0438	lb ai/a	2.8	fl oz/a							
13	Agridex		1	% v/v			EPOT						

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Department of Agronomy and Environmental Management

Pest Code	LEFPA	LEFPA	LEFPA	LEFPA
Rating Date	10/May/2006	25/May/2006	5/Jun/2006	20/Jun/2006
Rating Data Type	CONTROL	CONTROL	CONTROL	CONTROL
Rating Unit	%	%	%	%
Trt-Eval Interval	8daEPOT	15daMPOT	14daLPOT	29daLPOT

Trt No.	Treatment Name	Form Conc	Rate	Other Rate	Other Rate	Growth Unit	Stage			
14	No Ricestar HT									
14	Grasp	2	0.0438 lb ai/a	2.8	fl oz/a					
14	Agridex	1	% v/v				MPOT			
15	No Ricestar HT									
15	Grasp	2	0.0438 lb ai/a	2.8	fl oz/a					
15	Agridex	1	% v/v				LPOT			
16	No Ricestar HT					0d				
16	No Grasp									
16	Agridex	1	% v/v				EPOT			
17	No Ricestar HT									
17	No Grasp									
17	Agridex	1	% v/v				MPOT			
18	No Ricestar HT									
18	No Grasp									
18	Agridex	1	% v/v				LPOT			
LSD (P=.05)							3.6	13.1	10.2	7.0
Standard Deviation							2.4	9.1	7.2	4.9
CV							3.35	15.98	14.1	14.04

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

LSU AgCenter

Department of Agronomy and Environmental Management

Ricestar HT and Grasp Combinations

Trial ID: C06-07
 Location: RRS-Crowley

Pest Code	LEFPA	LEFPA	LEFPA	LEFPA
Rating Date	10/May/2006	25/May/2006	5/June/2006	20/June/2006
Rating Data Type	CONTROL	CONTROL	CONTROL	CONTROL
Rating Unit	%	%	%	%
Trt-Eval Interval	8daEPOT	15daMPOT	14daLPOT	29daLPOT

Trt No.	Treatment Name	Form Conc	Rate	Other Rate	Other Rate	Growth Unit	Stage				
1	Ricestar HT	0.58	0.077	lb ai/a	17	fl oz/a		95a	97a	95a	90a
1	Grasp	2	0.0313	lb ai/a	2	fl oz/a					
1	Agridex		1	% v/v			EPOT				
2	Ricestar HT	0.58	0.077	lb ai/a	17	fl oz/a			68c	79b	48c
2	Grasp	2	0.0313	lb ai/a	2	fl oz/a					
2	Agridex		1	% v/v			MPOT				
3	Ricestar HT	0.58	0.077	lb ai/a	17	fl oz/a				58c	64b
3	Grasp	2	0.0313	lb ai/a	2	fl oz/a					
3	Agridex		1	% v/v			LPOT				
4	Ricestar HT	0.58	0.077	lb ai/a	17	fl oz/a		94a	96a	98a	90a
4	Grasp	2	0.0438	lb ai/a	2.8	fl oz/a					
4	Agridex		1	% v/v			EPOT				
5	Ricestar HT	0.58	0.077	lb ai/a	17	fl oz/a			69bc	84b	68b
5	Grasp	2	0.0438	lb ai/a	2.8	fl oz/a					
5	Agridex		1	% v/v			MPOT				
6	Ricestar HT	0.58	0.077	lb ai/a	17	fl oz/a				60c	66b
6	Grasp	2	0.0438	lb ai/a	2.8	fl oz/a					
6	Agridex		1	% v/v			LPOT				
7	Ricestar HT	0.58	0.077	lb ai/a	17	fl oz/a		93a	98a	97a	93a
7	No Grasp										
7	Agridex		1	% v/v			EPOT				
8	Ricestar HT	0.58	0.077	lb ai/a	17	fl oz/a			81b	81b	50c
8	No Grasp										
8	Agridex		1	% v/v			MPOT				
9	Ricestar HT	0.58	0.077	lb ai/a	17	fl oz/a				65c	64b
9	No Grasp										
9	Agridex		1	% v/v			LPOT				
10	No Ricestar HT							66c	50d	38d	0d
10	Grasp	2	0.0313	lb ai/a	2	fl oz/a					
10	Agridex		1	% v/v			EPOT				
11	No Ricestar HT								44de	33d	0d
11	Grasp	2	0.0313	lb ai/a	2	fl oz/a					
11	Agridex		1	% v/v			MPOT				
12	No Ricestar HT									36d	0d
12	Grasp	2	0.0313	lb ai/a	2	fl oz/a					
12	Agridex		1	% v/v			LPOT				
13	No Ricestar HT							75b	46d	33d	0d
13	Grasp	2	0.0438	lb ai/a	2.8	fl oz/a					
13	Agridex		1	% v/v			EPOT				

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Department of Agronomy and Environmental Management

Pest Code	LEFPA	LEFPA	LEFPA	LEFPA
Rating Date	10/May/2006	25/May/2006	5/Jun/2006	20/Jun/2006
Rating Data Type	CONTROL	CONTROL	CONTROL	CONTROL
Rating Unit	%	%	%	%
Trt-Eval Interval	8daEPOT	15daMPOT	14daLPOT	29daLPOT

Trt No.	Treatment Name	Form Conc	Rate	Other Rate	Other Rate	Growth Unit	Stage			
14	No Ricestar HT									
14	Grasp	2	0.0438 lb ai/a	2.8	fl oz/a					
14	Agridex	1	% v/v				MPOT			
15	No Ricestar HT									
15	Grasp	2	0.0438 lb ai/a	2.8	fl oz/a					
15	Agridex	1	% v/v				LPOT			
16	No Ricestar HT					0d				
16	No Grasp									
16	Agridex	1	% v/v				EPOT			
17	No Ricestar HT									
17	No Grasp									
17	Agridex	1	% v/v				MPOT			
18	No Ricestar HT									
18	No Grasp									
18	Agridex	1	% v/v				LPOT			
LSD (P=.05)							3.6	13.1	10.2	7.0
Standard Deviation							2.4	9.1	7.2	4.9
CV							3.35	15.98	14.1	14.04

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

LSU AgCenter

Department of Agronomy and Environmental Management

Ricestar HT and Grasp Combinations

Trial ID: C06-07
 Location: RRS-Crowley

Pest Code				ALRPH		ALRPH		ALRPH	
Rating Date				10/May/2006		25/May/2006		20/Jun/2006	
Rating Data Type				CONTROL		CONTROL		CONTROL	
Rating Unit				%		%		%	
Trt-Eval Interval				8daEPOT		15daMPOT		29daLPOT	
Trt No.	Treatment Name	Form Conc	Rate Rate	Other Rate	Other Rate	Growth Unit	Stage		
1	Ricestar HT	0.58	0.077	lb ai/a 17	fl oz/a		95a	93ab	90b
1	Grasp	2	0.0313	lb ai/a 2	fl oz/a				
1	Agridex		1	% v/v					EPOT
2	Ricestar HT	0.58	0.077	lb ai/a 17	fl oz/a			92ab	90b
2	Grasp	2	0.0313	lb ai/a 2	fl oz/a				
2	Agridex		1	% v/v					MPOT
3	Ricestar HT	0.58	0.077	lb ai/a 17	fl oz/a				90b
3	Grasp	2	0.0313	lb ai/a 2	fl oz/a				
3	Agridex		1	% v/v					LPOT
4	Ricestar HT	0.58	0.077	lb ai/a 17	fl oz/a		95a	95a	90b
4	Grasp	2	0.0438	lb ai/a 2.8	fl oz/a				
4	Agridex		1	% v/v					EPOT
5	Ricestar HT	0.58	0.077	lb ai/a 17	fl oz/a			93ab	90b
5	Grasp	2	0.0438	lb ai/a 2.8	fl oz/a				
5	Agridex		1	% v/v					MPOT
6	Ricestar HT	0.58	0.077	lb ai/a 17	fl oz/a				91a
6	Grasp	2	0.0438	lb ai/a 2.8	fl oz/a				
6	Agridex		1	% v/v					LPOT
7	Ricestar HT	0.58	0.077	lb ai/a 17	fl oz/a		20b	0c	0c
7	No Grasp								
7	Agridex		1	% v/v					EPOT
8	Ricestar HT	0.58	0.077	lb ai/a 17	fl oz/a			0c	0c
8	No Grasp								
8	Agridex		1	% v/v					MPOT
9	Ricestar HT	0.58	0.077	lb ai/a 17	fl oz/a				0c
9	No Grasp								
9	Agridex		1	% v/v					LPOT
10	No Ricestar HT						95a	92ab	90b
10	Grasp	2	0.0313	lb ai/a 2	fl oz/a				
10	Agridex		1	% v/v					EPOT
11	No Ricestar HT							91ab	90b
11	Grasp	2	0.0313	lb ai/a 2	fl oz/a				
11	Agridex		1	% v/v					MPOT
12	No Ricestar HT								90b
12	Grasp	2	0.0313	lb ai/a 2	fl oz/a				
12	Agridex		1	% v/v					LPOT
13	No Ricestar HT						95a	90b	90b
13	Grasp	2	0.0438	lb ai/a 2.8	fl oz/a				
13	Agridex		1	% v/v					EPOT

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Department of Agronomy and Environmental Management

Pest Code	ALRPH	ALRPH	ALRPH
Rating Date	10/May/2006	25/May/2006	20/Jun/2006
Rating Data Type	CONTROL	CONTROL	CONTROL
Rating Unit	%	%	%
Trt-Eval Interval	8daEPOT	15daMPOT	29daLPOT

Trt No.	Treatment Name	Form Conc	Rate	Unit	Other Rate	Other Rate	Unit	Growth Stage			
14	No Ricestar HT									91ab	90b
14	Grasp	2	0.0438	lb ai/a	2.8	fl oz/a					
14	Agridex		1	% v/v				MPOT			
15	No Ricestar HT										90b
15	Grasp	2	0.0438	lb ai/a	2.8	fl oz/a					
15	Agridex		1	% v/v				LPOT			
16	No Ricestar HT								0c	0c	0c
16	No Grasp										
16	Agridex		1	% v/v				EPOT			
17	No Ricestar HT									0c	0c
17	No Grasp										
17	Agridex		1	% v/v				MPOT			
18	No Ricestar HT										0c
18	No Grasp										
18	Agridex		1	% v/v				LPOT			
LSD (P=.05)									0.0	4.2	0.8
Standard Deviation									0.0	2.9	0.6
CV									0.0	4.7	0.98

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

LSU AgCenter

Department of Agronomy and Environmental Management

Ricestar HT and Grasp Combinations

Trial ID: C06-07
 Location: RRS-Crowley

Pest Code						RICE		RICE		RICE		RICE	
Rating Date						10/May/2006		25/May/2006		5/Jun/2006		20/Jun/2006	
Rating Data Type						INJURY		INJURY		INJURY		INJURY	
Rating Unit						%		%		%		%	
Trt-Eval Interval						8daEPOT		15daMPOT		14daLPOT		29daLPOT	
Trt No.	Treatment Name	Form Conc	Rate	Other Rate	Other Rate	Other Unit	Growth Stage						
1	Ricestar HT	0.58	0.077	lb ai/a	17	fl oz/a	0a	0c	0a	0a			
1	Grasp	2	0.0313	lb ai/a	2	fl oz/a							
1	Agridex	1		% v/v			EPOT						
2	Ricestar HT	0.58	0.077	lb ai/a	17	fl oz/a		20a	0a	0a			
2	Grasp	2	0.0313	lb ai/a	2	fl oz/a							
2	Agridex	1		% v/v			MPOT						
3	Ricestar HT	0.58	0.077	lb ai/a	17	fl oz/a			0a	0a			
3	Grasp	2	0.0313	lb ai/a	2	fl oz/a							
3	Agridex	1		% v/v			LPOT						
4	Ricestar HT	0.58	0.077	lb ai/a	17	fl oz/a	0a	0c	0a	0a			
4	Grasp	2	0.0438	lb ai/a	2.8	fl oz/a							
4	Agridex	1		% v/v			EPOT						
5	Ricestar HT	0.58	0.077	lb ai/a	17	fl oz/a		20a	0a	0a			
5	Grasp	2	0.0438	lb ai/a	2.8	fl oz/a							
5	Agridex	1		% v/v			MPOT						
6	Ricestar HT	0.58	0.077	lb ai/a	17	fl oz/a			0a	0a			
6	Grasp	2	0.0438	lb ai/a	2.8	fl oz/a							
6	Agridex	1		% v/v			LPOT						
7	Ricestar HT	0.58	0.077	lb ai/a	17	fl oz/a	0a	0c	0a	0a			
7	No Grasp												
7	Agridex	1		% v/v			EPOT						
8	Ricestar HT	0.58	0.077	lb ai/a	17	fl oz/a		0c	0a	0a			
8	No Grasp												
8	Agridex	1		% v/v			MPOT						
9	Ricestar HT	0.58	0.077	lb ai/a	17	fl oz/a			0a	0a			
9	No Grasp												
9	Agridex	1		% v/v			LPOT						
10	No Ricestar HT						0a	0c	0a	0a			
10	Grasp	2	0.0313	lb ai/a	2	fl oz/a							
10	Agridex	1		% v/v			EPOT						
11	No Ricestar HT							4b	0a	0a			
11	Grasp	2	0.0313	lb ai/a	2	fl oz/a							
11	Agridex	1		% v/v			MPOT						
12	No Ricestar HT								0a	0a			
12	Grasp	2	0.0313	lb ai/a	2	fl oz/a							
12	Agridex	1		% v/v			LPOT						
13	No Ricestar HT						0a	3bc	0a	0a			
13	Grasp	2	0.0438	lb ai/a	2.8	fl oz/a							
13	Agridex	1		% v/v			EPOT						

LSU AgCenter

Department of Agronomy and Environmental Management

Pest Code	RICE	RICE	RICE	RICE
Rating Date	10/May/2006	25/May/2006	5/Jun/2006	20/Jun/2006
Rating Data Type	INJURY	INJURY	INJURY	INJURY
Rating Unit	%	%	%	%
Trt-Eval Interval	8daEPOT	15daMPOT	14daLPOT	29daLPOT

Trt No.	Treatment Name	Form Conc	Rate	Other Rate	Other Rate	Growth Unit Stage				
14	No Ricestar HT							3bc	0a	0a
14	Grasp	2	0.0438 lb ai/a	2.8	fl oz/a					
14	Agridex		1 % v/v			MPOT				
15	No Ricestar HT								0a	0a
15	Grasp	2	0.0438 lb ai/a	2.8	fl oz/a					
15	Agridex		1 % v/v			LPOT				
16	No Ricestar HT						0a	0c	0a	0a
16	No Grasp									
16	Agridex		1 % v/v			EPOT				
17	No Ricestar HT							0c	0a	0a
17	No Grasp									
17	Agridex		1 % v/v			MPOT				
18	No Ricestar HT								0a	0a
18	No Grasp									
18	Agridex		1 % v/v			LPOT				
LSD (P=.05)							0.0	3.3	0.0	0.0
Standard Deviation							0.0	2.3	0.0	0.0
CV							0.0	55.41	0.0	0.0

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

LSU AgCenter
Department of Agronomy and Environmental Management

Effect of Surfactants on IR5878 Activity

Experiment number.....: **C06-08**
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: 05/15/06
Harvest date.....: N/A
Crop/Variety: Rice/Trenasse
Emergence date.....: 05/22/06
Uniform std. treatment.....: N/A

Application type.....: MPOT
Date applied [mm/dd/yy] ...: 6/7/06
Time [hh:mm-hh:mm].....: 9:45-10:10a
Incorporation equip./Depth: N/A
Air/Soil temperature [F]: 77/80
Relative humidity [%].....: 73
Wind [mph, direction]: 2-3 W
Weather [sunny, etc]: pt cloudy
Soil/Leaf surface moist.....: wet/wet
Crop stage/Height: 3-5 lf/3-6"
Sprayer type/MPH.....: CO₂BkPk/3.0
Nozzle type/Size: AMFF110015
Boom ht/# Noz/Spacing ...: 18"/5/15"
GPA/PSI.....: 15-22
Applied by: Webster

Weed Species (population):-(-height/#leaves)-
ECHCG (150-200 m⁻²): 1-6"/4 lf-1 till
BRAPP (50-70 m⁻²): 0.25-6"/1 lf-1 till
LEFPA (50-70 m⁻²): 0.5-4"/3 lf-1 till
SEBEX (25-35 m⁻²): 6-8"/4-6 lf
CYPIR (100-150 m⁻²): 0.5-3"/1-5 lf

Flush Dates.....: 5/19, 6/1, 6/13
Permanent Flood: 6/14

LSU AgCenter

Department of Agronomy and Environmental Management

Effect of Surfactants on IR5878 Activity

Trial ID: C06-08
 Location: RRS-Crowley, LA

Weed Code				SEBEX CONTROL		SEBEX CONTROL		SEBEX CONTROL		SEBEX CONTROL	
Rating Data Type				%		%		%		%	
Rating Unit				15/Jun/2006		21/Jun/2006		5/Jul/2006		17/Jul/2006	
Rating Date				8daMPOT		14daMPOT		28daMPOT		40daMPOT	
Trt-Eval Interval											
Trt No.	Treatment Name	Form Conc	Rate	Rate Unit	Product Rate	Product Rate Unit	Grow Stg				
1	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	65d	85d	93d	94c
1	IR5878	50	0.053	lb ai/a	1.7	oz wt/a	MPOT				
1	NIS		0.25	% v/v	4.8	fl oz/a	MPOT				
2	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	69cd	88bcd	97abc	99a
2	IR5878	50	0.053	lb ai/a	1.7	oz wt/a	MPOT				
2	COC		1	% v/v	19.2	fl oz/a	MPOT				
3	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	65d	86cd	96bc	97ab
3	IR5878	50	0.053	lb ai/a	1.7	oz wt/a	MPOT				
3	COC		2	% v/v	38.4	fl oz/a	MPOT				
4	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	70cd	93ab	99a	99a
4	IR5878	50	0.053	lb ai/a	1.7	oz wt/a	MPOT				
4	Dyne-A-Pak		1	% v/v	19.2	fl oz/a	MPOT				
5	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	75abc	86cd	98ab	98ab
5	IR5878	50	0.053	lb ai/a	1.7	oz wt/a	MPOT				
5	Dyne-A-Pak		1	% v/v	19.2	fl oz/a	MPOT				
5	UAN		1	% v/v	19.2	fl oz/a	MPOT				
6	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	76abc	93ab	99a	99a
6	IR5878	50	0.053	lb ai/a	1.7	oz wt/a	MPOT				
6	Dyne-A-Pak		1	% v/v	19.2	fl oz/a	MPOT				
6	UAN		2	% v/v	38.4	fl oz/a	MPOT				
7	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	66d	85d	95cd	96bc
7	IR5878	50	0.053	lb ai/a	1.7	oz wt/a	MPOT				
7	UAN		1	% v/v	19.2	fl oz/a	MPOT				
7	COC		1	% v/v	19.2	fl oz/a	MPOT				
8	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	83a	92ab	99a	99a
8	IR5878	50	0.053	lb ai/a	1.7	oz wt/a	MPOT				
8	Kinetic		0.125	% v/v	2.4	fl oz/a	MPOT				
9	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	83a	91abc	99a	99a
9	IR5878	50	0.053	lb ai/a	1.7	oz wt/a	MPOT				
9	Kinetic		0.25	% v/v	4.8	fl oz/a	MPOT				
10	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	73bcd	90a-d	98ab	99a
10	IR5878	50	0.053	lb ai/a	1.7	oz wt/a	MPOT				
10	Dyne-A-Pak		1	% v/v	19.2	fl oz/a	MPOT				
10	COC		1	% v/v	19.2	fl oz/a	MPOT				
11	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	73bcd	93ab	99a	99a
11	IR5878	50	0.053	lb ai/a	1.7	oz wt/a	MPOT				
11	Pentra-bark		2	% v/v	38.4	fl oz/a	MPOT				
12	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	80ab	95a	98ab	99a
12	IR5878	50	0.0656	lb ai/a	2.1	oz wt/a	MPOT				
12	Kinetic		0.125	% v/v	2.4	fl oz/a	MPOT				
13	Nontreated							0e	0e	0e	0d
LSD (P=.05)								8.3	5.5	2.4	2.7
Standard Deviation								5.8	3.9	1.7	1.9
CV								8.6	4.67	1.9	2.13

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

LSU AgCenter

Department of Agronomy and Environmental Management

Effect of Surfactants on IR5878 Activity

Trial ID: C06-08
 Location: RRS-Crowley, LA

Weed Code								CYPIR	CYPIR	CYPIR	CYPIR
Rating Data Type								CONTROL	CONTROL	CONTROL	CONTROL
Rating Unit								%	%	%	%
Rating Date								15/Jun/2006	21/Jun/2006	5/Jul/2006	17/Jul/2006
Trt-Eval Interval								8daMPOT	14daMPOT	28daMPOT	40daMPOT
Trt No.	Treatment Name	Form Conc	Rate	Rate Unit	Product Rate	Product Rate Unit	Grow Stg				
1	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	83abc	96b	99a	99a
1	IR5878	50	0.053	lb ai/a	1.7	oz wt/a	MPOT				
1	NIS		0.25	% v/v	4.8	fl oz/a	MPOT				
2	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	84abc	98a	99a	99a
2	IR5878	50	0.053	lb ai/a	1.7	oz wt/a	MPOT				
2	COC		1	% v/v	19.2	fl oz/a	MPOT				
3	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	84abc	98a	99a	99a
3	IR5878	50	0.053	lb ai/a	1.7	oz wt/a	MPOT				
3	COC		2	% v/v	38.4	fl oz/a	MPOT				
4	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	86ab	98a	99a	99a
4	IR5878	50	0.053	lb ai/a	1.7	oz wt/a	MPOT				
4	Dyne-A-Pak		1	% v/v	19.2	fl oz/a	MPOT				
5	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	80bc	98a	98b	99a
5	IR5878	50	0.053	lb ai/a	1.7	oz wt/a	MPOT				
5	Dyne-A-Pak		1	% v/v	19.2	fl oz/a	MPOT				
5	UAN		1	% v/v	19.2	fl oz/a	MPOT				
6	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	86ab	98a	99a	99a
6	IR5878	50	0.053	lb ai/a	1.7	oz wt/a	MPOT				
6	Dyne-A-Pak		1	% v/v	19.2	fl oz/a	MPOT				
6	UAN		2	% v/v	38.4	fl oz/a	MPOT				
7	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	85abc	97ab	99a	99a
7	IR5878	50	0.053	lb ai/a	1.7	oz wt/a	MPOT				
7	UAN		1	% v/v	19.2	fl oz/a	MPOT				
7	COC		1	% v/v	19.2	fl oz/a	MPOT				
8	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	88a	98a	99a	99a
8	IR5878	50	0.053	lb ai/a	1.7	oz wt/a	MPOT				
8	Kinetic		0.125	% v/v	2.4	fl oz/a	MPOT				
9	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	86ab	98a	98a	99a
9	Kinetic		0.25	% v/v	4.8	fl oz/a	MPOT				
10	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	85abc	98a	99a	99a
10	IR5878	50	0.053	lb ai/a	1.7	oz wt/a	MPOT				
10	Dyne-A-Pak		1	% v/v	19.2	fl oz/a	MPOT				
10	COC		1	% v/v	19.2	fl oz/a	MPOT				
11	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	79c	98a	99a	99a
11	IR5878	50	0.053	lb ai/a	1.7	oz wt/a	MPOT				
11	Pentra-bark		2	% v/v	38.4	fl oz/a	MPOT				
12	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	88a	98a	99a	99a
12	IR5878	50	0.0656	lb ai/a	2.1	oz wt/a	MPOT				
12	Kinetic		0.125	% v/v	2.4	fl oz/a	MPOT				
13	Nontreated							0d	0c	0c	0b
LSD (P=.05)								6.5	1.6	0.8	0.0
Standard Deviation								4.5	1.2	0.6	0.0
CV								5.82	1.28	0.61	0.0

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

LSU AgCenter

Department of Agronomy and Environmental Management

Effect of Surfactants on IR5878 Activity

Trial ID: C06-08
 Location: RRS-Crowley, LA

Weed Code						RICE		RICE		RICE		RICE	
Rating Data Type						INJURY		INJURY		INJURY		INJURY	
Rating Unit						%		%		%		%	
Rating Date						15/Jun/2006		21/Jun/2006		5/Jul/2006		17/Jul/2006	
Trt-Eval Interval						8daMPOT		14daMPOT		28daMPOT		40daMPOT	
Trt No.	Treatment Name	Form Conc	Rate	Rate Unit	Product Rate	Product Rate Unit	Grow Stg						
1	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	0a					
1	IR5878	50	0.053	lb ai/a	1.7	oz wt/a	MPOT		0a		0a		0a
1	NIS		0.25	% v/v	4.8	fl oz/a	MPOT						
2	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	0a					
2	IR5878	50	0.053	lb ai/a	1.7	oz wt/a	MPOT		0a		0a		0a
2	COC		1	% v/v	19.2	fl oz/a	MPOT						
3	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	0a					
3	IR5878	50	0.053	lb ai/a	1.7	oz wt/a	MPOT		0a		0a		0a
3	COC		2	% v/v	38.4	fl oz/a	MPOT						
4	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	0a					
4	IR5878	50	0.053	lb ai/a	1.7	oz wt/a	MPOT		0a		0a		0a
4	Dyne-A-Pak		1	% v/v	19.2	fl oz/a	MPOT						
5	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	0a					
5	IR5878	50	0.053	lb ai/a	1.7	oz wt/a	MPOT		0a		0a		0a
5	Dyne-A-Pak		1	% v/v	19.2	fl oz/a	MPOT						
5	UAN		1	% v/v	19.2	fl oz/a	MPOT						
6	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	0a					
6	IR5878	50	0.053	lb ai/a	1.7	oz wt/a	MPOT		0a		0a		0a
6	Dyne-A-Pak		1	% v/v	19.2	fl oz/a	MPOT						
6	UAN		2	% v/v	38.4	fl oz/a	MPOT						
7	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	0a					
7	IR5878	50	0.053	lb ai/a	1.7	oz wt/a	MPOT		0a		0a		0a
7	UAN		1	% v/v	19.2	fl oz/a	MPOT						
7	COC		1	% v/v	19.2	fl oz/a	MPOT						
8	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	0a					
8	IR5878	50	0.053	lb ai/a	1.7	oz wt/a	MPOT		0a		0a		0a
8	Kinetic		0.125	% v/v	2.4	fl oz/a	MPOT						
9	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	0a					
9	IR5878	50	0.053	lb ai/a	1.7	oz wt/a	MPOT		0a		0a		0a
9	Kinetic		0.25	% v/v	4.8	fl oz/a	MPOT						
10	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	0a					
10	IR5878	50	0.053	lb ai/a	1.7	oz wt/a	MPOT		0a		0a		0a
10	Dyne-A-Pak		1	% v/v	19.2	fl oz/a	MPOT						
10	COC		1	% v/v	19.2	fl oz/a	MPOT						
11	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	0a					
11	IR5878	50	0.053	lb ai/a	1.7	oz wt/a	MPOT		0a		0a		0a
11	Pentra-bark		2	% v/v	38.4	fl oz/a	MPOT						
12	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	0a					
12	IR5878	50	0.0656	lb ai/a	2.1	oz wt/a	MPOT		0a		0a		0a
12	Kinetic		0.125	% v/v	2.4	fl oz/a	MPOT						
13	Nontreated							0a		0a		0a	
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	

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

LSU AgCenter

Department of Agronomy and Environmental Management

Early IR5878 Weed Control Programs

Experiment number.....: **C06-09**
 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: 04/03/06
 Harvest date.....: 08/10/06
 Crop/Variety: Rice/CL161
 Emergence date.....: 04/14/06
 Uniform std. treatment.....: N/A

Application type.....:	PRE	1 LF	EPOT	MPOT	POFL
Date applied [mm/dd/yy] ...:	4/04/06	5/3/06	5/8/06	5/17/06	6/15/06
Time [hh:mm-hh:mm].....:	3:50-4:00p	12:00-12:10p	11:00-11:30a	10:50-10:55a	12:35-12:45p
Incorporation equip./Depth:	N/A	N/A	N/A	N/A	N/A
Air/Soil temperature [F]	86/77	83/82	81/78	78/78	95/88
Relative humidity [%].....:	36	17	79	38	55
Wind [mph, direction]	2-3 SE	4 SW	3-7 S	5/8 NW	3-5 SW
Weather [sunny, etc]	sunny	sunny	cloudy	sunny	pt cloudy
Soil/Leaf surface moist.....:	dry/NA	moist/dry	wet-dry	dry/dry	flood/dry
Crop stage/Height	N/A	3-4 lf/5-6"	2-4 lf/4-5"	2 til/8-9"	PD/15-18"
Sprayer type/MPH.....:	CO ₂ BkPk/3	CO ₂ BkPk/3	CO ₂ BkPk/3	CO ₂ BkPk/3	CO ₂ BkPk/3
Nozzle type/Size	AMFF/110015	AMFF/110015	AMFF/110015	AMFF/110015	AMFF/110015
Boom ht/# Noz/Spacing ...:	18"/5/15"	18"/5/15"	18"/5/15"	18"/5/15"	18"/5/15"
GPA/PSI.....:	15/26	15/28	15/24	15/28	15/28
Applied by	Webster	Bottoms	Webster	Griffin	Hensley

Weed Species (population):-----	(height/#leaves) -----			
CYPIR (70 m ⁻²).....:	0.5-1"/2-3lf	1-2"/2-4lf	4-6"/3-5lf	8-10"/5-8lf
ALRPH (3-4 m ⁻²).....:		1-12"/4-40lf	10-12"/15-18lf	10-15"/60-80lf
LEFPA (30-40 m ⁻²).....:		0.25-0.5"/1lf	1-3"/1-3lf	10-15"/4-5till
ECHCG (5-10 m ⁻²).....:		0.5-1"/1-2lf	2-5"/2-5lf	10-14"/4-5till

Flush Dates.....: 4/5, 4/20, 5/19, 6/1, 6/13
 Permanent Flood: 6/14

LSU AgCenter

Department of Agronomy and Environmental Management

Early IR5878 Weed Control Programs

Trial ID: C06-09
 Location: Midsouth

Pest Code	ECHCG	ECHCG	ECHCG
Rating Date	25/May/2006	5/Jun/2006	19/Jun/2006
Rating Data Type	CONTROL	CONTROL	CONTROL
Rating Unit	%	%	%
Trt-Eval Interval	8daMPOT	19daMPOT	33daMPOT

Trt No.	Treatment Name	Form Conc	Rate	Other Rate	Other Rate	Growth Unit	Stage	0f	0g	0h
1	Nontreated									
2	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	91abc	76def	86b-e
2	IR5878	50	0.0656	lb ai/a	2.1	oz/a	EPOST			
2	NIS		0.25	% v/v	4.8	fl oz/a	EPOST			
2	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	PRE/POFL			
2	COC		1	% v/v	19.2	fl oz/a	PRE/POFL			
3	Command	3	0.3	lb ai/a	12.8	fl oz/a	1 LF	91abc	79c-f	89a-d
3	IR5878	50	0.0656	lb ai/a	2.1	oz/a	1 LF			
3	NIS		0.25	% v/v	4.8	fl oz/a	1 LF			
3	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	PRE/POFL			
3	COC		1	% v/v	19.2	fl oz/a	PRE/POFL			
4	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	93abc	80b-f	83def
4	IR5878	50	0.0656	lb ai/a	2.1	oz/a	EPOST			
4	Superwham	4	3	lb ai/a	3	qt/a	EPOST			
4	NIS		0.25	% v/v	4.8	fl oz/a	EPOST			
4	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	PRE/POFL			
4	COC		1	% v/v	19.2	fl oz/a	PRE/POFL			
5	Facet	75	0.375	lb ai/a	8	oz/a	PRE	91abc	85abc	89a-d
5	IR5878	50	0.0656	lb ai/a	2.1	oz/a	EPOST			
5	COC		1	% v/v	19.2	fl oz/a	EPOST			
5	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	PRE/POFL			
5	COC		1	% v/v	19.2	fl oz/a	PRE/POFL			
6	IR5878	50	0.0656	lb ai/a	2.1	oz/a	EPOST	95a	86abc	94a
6	Facet	75	0.5	lb ai/a	10.7	oz/a	EPOST			
6	COC		1	% v/v	19.2	fl oz/a	EPOST			
6	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	PRE/POFL			
6	COC		1	% v/v	19.2	fl oz/a	PRE/POFL			
7	Newpath	2	0.094	lb ai/a	6	fl oz/a	PRE	94ab	88ab	95a
7	IR5878	50	0.0656	lb ai/a	2.1	oz/a	EPOST			
7	NIS		0.25	% v/v	4.8	fl oz/a	EPOST			
7	Newpath	2	0.0625	lb ai/a	4	fl oz/a	MPOST			
7	COC		1	% v/v	19.2	fl oz/a	MPOST			
8	IR5878	50	0.0656	lb ai/a	2.1	oz/a	1 LF	95a	90a	94a
8	Newpath	2	0.094	lb ai/a	6	fl oz/a	1 LF			
8	NIS		0.25	% v/v	4.8	fl oz/a	1 LF			
8	Newpath	2	0.0625	lb ai/a	4	fl oz/a	MPOST			
8	COC		1	% v/v	19.2	fl oz/a	MPOST			
9	IR5878	50	0.0656	lb ai/a	2.1	oz/a	EPOST	89a-d	81b-e	83def
9	Superwham	4	4	lb ai/a	4	qt/a	EPOST			
9	NIS		0.25	% v/v	4.8	fl oz/a	EPOST			
9	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	PRE/POFL			
9	COC		1	% v/v	19.2	fl oz/a	PRE/POFL			

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Pest Code	ECHCG	ECHCG	ECHCG
Rating Date	25/May/2006	5/Jun/2006	19/Jun/2006
Rating Data Type	CONTROL	CONTROL	CONTROL
Rating Unit	%	%	%
Trt-Eval Interval	8daMPOT	19daMPOT	33daMPOT

Trt No.	Treatment Name	Form Conc	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
10	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	86a-d	84a-d	78fg
10	Permit	75	0.0155	lb ai/a	0.33	oz/a	EPOST			
10	IR5878	50	0.0656	lb ai/a	2.1	oz/a	EPOST			
10	NIS		0.25	% v/v	4.8	fl oz/a	EPOST			
10	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	PRE/POFL			
10	COC		1	% v/v	19.2	fl oz/a	PRE/POFL			
11	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	85bcd	74ef	85cde
11	Permit	75	0.047	lb ai/a	1	oz/a	EPOST			
11	NIS		0.25	% v/v	4.8	fl oz/a	EPOST			
11	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	PRE/POFL			
11	COC		1	% v/v	19.2	fl oz/a	PRE/POFL			
12	Command	3	0.3	lb ai/a	12.8	fl oz/a	1 LF	94ab	80b-f	90abc
12	Permit	75	0.047	lb ai/a	1	oz/a	1 LF			
12	NIS		0.25	% v/v	4.8	fl oz/a	1 LF			
12	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	PRE/POFL			
12	COC		1	% v/v	19.2	fl oz/a	PRE/POFL			
13	Permit	75	0.047	lb ai/a	1	oz/a	EPOST	86a-d	85abc	83def
13	Superwham	4	3	lb ai/a	3	qt/a	EPOST			
13	COC		1	% v/v	19.2	fl oz/a	EPOST			
13	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	PRE/POFL			
13	COC		1	% v/v	19.2	fl oz/a	PRE/POFL			
14	Newpath	2	0.094	lb ai/a	6	fl oz/a	1 LF	94ab	88ab	94a
14	Permit	75	0.047	lb ai/a	1	oz/a	1 LF			
14	COC		1	% v/v	19.2	fl oz/a	1 LF			
14	Newpath	2	0.0625	lb ai/a	4	fl oz/a	MPOST			
14	COC		1	% v/v	19.2	fl oz/a	MPOST			
15	Grasp	2	0.0313	lb ai/a	2	fl oz/a	EPOST	84cde	81b-e	93ab
15	IR5878	50	0.0656	lb ai/a	2.1	oz/a	EPOST			
15	NIS		1	% v/v	19.2	fl oz/a	EPOST			
15	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	PRE/POFL			
15	COC		1	% v/v	19.2	fl oz/a	PRE/POFL			
16	IR5878	50	0.0656	lb ai/a	2.1	oz/a	EPOST	75e	74ef	75g
16	Ricestar	0.58	0.077	lb ai/a	17	fl oz/a	EPOST			
16	Dyne-A-Pak		1	% v/v	19.2	fl oz/a	EPOST			
16	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	PRE/POFL			
16	COC		1	% v/v	19.2	fl oz/a	PRE/POFL			
17	IR5878	50	0.0656	lb ai/a	2.1	oz/a	EPOST	81de	73f	81efg
17	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	EPOST			
17	Dyne-A-Pak		1	% v/v	19.2	fl oz/a	EPOST			
17	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	PRE/POFL			
17	COC		1	% v/v	19.2	fl oz/a	PRE/POFL			
18	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	84cde	75ef	86b-e
18	IR5878	50	0.0656	lb ai/a	2.1	oz/a	EPOST			
18	Aim	2	0.0156	lb ai/a	1	fl oz/a	EPOST			
18	NIS		0.15	% v/v	2.88	fl oz/a	EPOST			
18	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	PRE/POFL			
18	COC		1	% v/v	19.2	fl oz/a	PRE/POFL			

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Pest Code	ECHCG	ECHCG	ECHCG
Rating Date	25/May/2006	5/Jun/2006	19/Jun/2006
Rating Data Type	CONTROL	CONTROL	CONTROL
Rating Unit	%	%	%
Trt-Eval Interval	8daMPOT	19daMPOT	33daMPOT

Trt No.	Treatment Name	Form Conc	Rate Rate	Other Rate	Other Rate	Growth Unit	Stage
LSD (P=.05)			9.7	7.6	6.9		
Standard Deviation			6.8	5.4	4.9		
CV			8.15	7.06	5.99		

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

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Department of Agronomy and Environmental Management

Early IR5878 Weed Control Programs

Trial ID: C06-09
 Location: Midsouth

Pest Code	LEFPA	LEFPA	LEFPA
Rating Date	25/May/2006	5/Jun/2006	19/Jun/2006
Rating Data Type	CONTROL	CONTROL	CONTROL
Rating Unit	%	%	%
Trt-Eval Interval	8daMPOT	19daMPOT	33daMPOT

Trt No.	Treatment Name	Form Conc	Rate	Other Rate	Other Rate	Growth Unit	Stage	0e	0d	0g
1	Nontreated									
2	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	90abc	75c	86abc
2	IR5878	50	0.0656	lb ai/a	2.1	oz/a	EPOST			
2	NIS		0.25	% v/v	4.8	fl oz/a	EPOST			
2	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	PRE/POFL			
2	COC		1	% v/v	19.2	fl oz/a	PRE/POFL			
3	Command	3	0.3	lb ai/a	12.8	fl oz/a	1 LF	93abc	76bc	86abc
3	IR5878	50	0.0656	lb ai/a	2.1	oz/a	1 LF			
3	NIS		0.25	% v/v	4.8	fl oz/a	1 LF			
3	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	PRE/POFL			
3	COC		1	% v/v	19.2	fl oz/a	PRE/POFL			
4	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	94ab	78bc	81bcd
4	IR5878	50	0.0656	lb ai/a	2.1	oz/a	EPOST			
4	Superwham	4	3	lb ai/a	3	qt/a	EPOST			
4	NIS		0.25	% v/v	4.8	fl oz/a	EPOST			
4	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	PRE/POFL			
4	COC		1	% v/v	19.2	fl oz/a	PRE/POFL			
5	Facet	75	0.375	lb ai/a	8	oz/a	PRE	80d	79abc	88abc
5	IR5878	50	0.0656	lb ai/a	2.1	oz/a	EPOST			
5	COC		1	% v/v	19.2	fl oz/a	EPOST			
5	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	PRE/POFL			
5	COC		1	% v/v	19.2	fl oz/a	PRE/POFL			
6	IR5878	50	0.0656	lb ai/a	2.1	oz/a	EPOST	94ab	85a	71ef
6	Facet	75	0.5	lb ai/a	10.7	oz/a	EPOST			
6	COC		1	% v/v	19.2	fl oz/a	EPOST			
6	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	PRE/POFL			
6	COC		1	% v/v	19.2	fl oz/a	PRE/POFL			
7	Newpath	2	0.094	lb ai/a	6	fl oz/a	PRE	95a	83ab	94a
7	IR5878	50	0.0656	lb ai/a	2.1	oz/a	EPOST			
7	NIS		0.25	% v/v	4.8	fl oz/a	EPOST			
7	Newpath	2	0.0625	lb ai/a	4	fl oz/a	MPOST			
7	COC		1	% v/v	19.2	fl oz/a	MPOST			
8	IR5878	50	0.0656	lb ai/a	2.1	oz/a	1 LF	95a	83ab	94a
8	Newpath	2	0.094	lb ai/a	6	fl oz/a	1 LF			
8	NIS		0.25	% v/v	4.8	fl oz/a	1 LF			
8	Newpath	2	0.0625	lb ai/a	4	fl oz/a	MPOST			
8	COC		1	% v/v	19.2	fl oz/a	MPOST			
9	IR5878	50	0.0656	lb ai/a	2.1	oz/a	EPOST	91abc	76bc	76def
9	Superwham	4	4	lb ai/a	4	qt/a	EPOST			
9	NIS		0.25	% v/v	4.8	fl oz/a	EPOST			
9	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	PRE/POFL			
9	COC		1	% v/v	19.2	fl oz/a	PRE/POFL			

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Department of Agronomy and Environmental Management

Pest Code	LEFPA	LEFPA	LEFPA
Rating Date	25/May/2006	5/Jun/2006	19/Jun/2006
Rating Data Type	CONTROL	CONTROL	CONTROL
Rating Unit	%	%	%
Trt-Eval Interval	8daMPOT	19daMPOT	33daMPOT

Trt No.	Treatment Name	Form Conc	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
10	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	86bcd	78bc	76def
10	Permit	75	0.0155	lb ai/a	0.33	oz/a	EPOST			
10	IR5878	50	0.0656	lb ai/a	2.1	oz/a	EPOST			
10	NIS		0.25	% v/v	4.8	fl oz/a	EPOST			
10	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	PRE/POFL			
10	COC		1	% v/v	19.2	fl oz/a	PRE/POFL			
11	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	86bcd	75c	85a-d
11	Permit	75	0.047	lb ai/a	1	oz/a	EPOST			
11	NIS		0.25	% v/v	4.8	fl oz/a	EPOST			
11	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	PRE/POFL			
11	COC		1	% v/v	19.2	fl oz/a	PRE/POFL			
12	Command	3	0.3	lb ai/a	12.8	fl oz/a	1 LF	95a	83ab	88abc
12	Permit	75	0.047	lb ai/a	1	oz/a	1 LF			
12	NIS		0.25	% v/v	4.8	fl oz/a	1 LF			
12	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	PRE/POFL			
12	COC		1	% v/v	19.2	fl oz/a	PRE/POFL			
13	Permit	75	0.047	lb ai/a	1	oz/a	EPOST	91abc	79abc	80cde
13	Superwham	4	3	lb ai/a	3	qt/a	EPOST			
13	COC		1	% v/v	19.2	fl oz/a	EPOST			
13	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	PRE/POFL			
13	COC		1	% v/v	19.2	fl oz/a	PRE/POFL			
14	Newpath	2	0.094	lb ai/a	6	fl oz/a	1 LF	95a	85a	90ab
14	Permit	75	0.047	lb ai/a	1	oz/a	1 LF			
14	COC		1	% v/v	19.2	fl oz/a	1 LF			
14	Newpath	2	0.0625	lb ai/a	4	fl oz/a	MPOST			
14	COC		1	% v/v	19.2	fl oz/a	MPOST			
15	Grasp	2	0.0313	lb ai/a	2	fl oz/a	EPOST	85cd	78bc	84bcd
15	IR5878	50	0.0656	lb ai/a	2.1	oz/a	EPOST			
15	NIS		1	% v/v	19.2	fl oz/a	EPOST			
15	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	PRE/POFL			
15	COC		1	% v/v	19.2	fl oz/a	PRE/POFL			
16	IR5878	50	0.0656	lb ai/a	2.1	oz/a	EPOST	80d	75c	68f
16	Ricestar	0.58	0.077	lb ai/a	17	fl oz/a	EPOST			
16	Dyne-A-Pak		1	% v/v	19.2	fl oz/a	EPOST			
16	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	PRE/POFL			
16	COC		1	% v/v	19.2	fl oz/a	PRE/POFL			
17	IR5878	50	0.0656	lb ai/a	2.1	oz/a	EPOST	80d	73c	68f
17	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	EPOST			
17	Dyne-A-Pak		1	% v/v	19.2	fl oz/a	EPOST			
17	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	PRE/POFL			
17	COC		1	% v/v	19.2	fl oz/a	PRE/POFL			
18	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	91abc	75c	83bcd
18	IR5878	50	0.0656	lb ai/a	2.1	oz/a	EPOST			
18	Aim	2	0.0156	lb ai/a	1	fl oz/a	EPOST			
18	NIS		0.15	% v/v	2.88	fl oz/a	EPOST			
18	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	PRE/POFL			
18	COC		1	% v/v	19.2	fl oz/a	PRE/POFL			

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Department of Agronomy and Environmental Management

Pest Code	LEFPA	LEFPA	LEFPA
Rating Date	25/May/2006	5/Jun/2006	19/Jun/2006
Rating Data Type	CONTROL	CONTROL	CONTROL
Rating Unit	%	%	%
Trt-Eval Interval	8daMPOT	19daMPOT	33daMPOT

Trt No.	Treatment Name	Form Conc	Rate Rate	Other Rate	Other Rate	Growth Unit	Stage
LSD (P=.05)			8.5	7.5	9.4		
Standard Deviation			6.0	5.3	6.7		
CV			7.08	7.12	8.58		

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

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Department of Agronomy and Environmental Management

Early IR5878 Weed Control Programs

Trial ID: C06-09
 Location: Midsouth

Pest Code	ALRPH	ALRPH	ALRPH	ALRPH
Rating Date	25/May/2006	5/Jun/2006	19/Jun/2006	6/Jul/2006
Rating Data Type	CONTROL	CONTROL	CONTROL	CONTRL
Rating Unit	%	%	%	%
Trt-Eval Interval	8daMPOT	19daMPOT	33daMPOT	51daMPOT

Trt No.	Treatment Name	Form Conc	Rate	Other Rate	Other Rate	Growth Unit	Stage				
1	Nontreated							0g	0g	0g	0f
2	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	48cd	75a-d	30de	25de
2	IR5878	50	0.0656	lb ai/a	2.1	oz/a	EPOST				
2	NIS		0.25	% v/v	4.8	fl oz/a	EPOST				
2	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	PRE/POFL				
2	COC		1	% v/v	19.2	fl oz/a	PRE/POFL				
3	Command	3	0.3	lb ai/a	12.8	fl oz/a	1 LF	30f	74a-e	33cd	28de
3	IR5878	50	0.0656	lb ai/a	2.1	oz/a	1 LF				
3	NIS		0.25	% v/v	4.8	fl oz/a	1 LF				
3	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	PRE/POFL				
3	COC		1	% v/v	19.2	fl oz/a	PRE/POFL				
4	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	86a	78abc	35bcd	50bc
4	IR5878	50	0.0656	lb ai/a	2.1	oz/a	EPOST				
4	Superwham	4	3	lb ai/a	3	qt/a	EPOST				
4	NIS		0.25	% v/v	4.8	fl oz/a	EPOST				
4	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	PRE/POFL				
4	COC		1	% v/v	19.2	fl oz/a	PRE/POFL				
5	Facet	75	0.375	lb ai/a	8	oz/a	PRE	55bcd	69b-f	28def	35d
5	IR5878	50	0.0656	lb ai/a	2.1	oz/a	EPOST				
5	COC		1	% v/v	19.2	fl oz/a	EPOST				
5	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	PRE/POFL				
5	COC		1	% v/v	19.2	fl oz/a	PRE/POFL				
6	IR5878	50	0.0656	lb ai/a	2.1	oz/a	EPOST	61bc	78abc	91a	85a
6	Facet	75	0.5	lb ai/a	10.7	oz/a	EPOST				
6	COC		1	% v/v	19.2	fl oz/a	EPOST				
6	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	PRE/POFL				
6	COC		1	% v/v	19.2	fl oz/a	PRE/POFL				
7	Newpath	2	0.094	lb ai/a	6	fl oz/a	PRE	63b	81a	89a	85a
7	IR5878	50	0.0656	lb ai/a	2.1	oz/a	EPOST				
7	NIS		0.25	% v/v	4.8	fl oz/a	EPOST				
7	Newpath	2	0.0625	lb ai/a	4	fl oz/a	MPOST				
7	COC		1	% v/v	19.2	fl oz/a	MPOST				
8	IR5878	50	0.0656	lb ai/a	2.1	oz/a	1 LF	60bc	74a-e	86a	80a
8	Newpath	2	0.094	lb ai/a	6	fl oz/a	1 LF				
8	NIS		0.25	% v/v	4.8	fl oz/a	1 LF				
8	Newpath	2	0.0625	lb ai/a	4	fl oz/a	MPOST				
8	COC		1	% v/v	19.2	fl oz/a	MPOST				
9	IR5878	50	0.0656	lb ai/a	2.1	oz/a	EPOST	68b	60f	23ef	55b
9	Superwham	4	4	lb ai/a	4	qt/a	EPOST				
9	NIS		0.25	% v/v	4.8	fl oz/a	EPOST				
9	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	PRE/POFL				
9	COC		1	% v/v	19.2	fl oz/a	PRE/POFL				

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Department of Agronomy and Environmental Management

Pest Code	ALRPH	ALRPH	ALRPH	ALRPH							
Rating Date	25/May/2006	5/Jun/2006	19/Jun/2006	6/Jul/2006							
Rating Data Type	CONTROL	CONTROL	CONTROL	CONTRL							
Rating Unit	%	%	%	%							
Trt-Eval Interval	8daMPOT	19daMPOT	33daMPOT	51daMPOT							
Trt No.	Treatment Name	Form Conc	Rate	Other Rate	Other Rate	Growth Stage					
10	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	45de	66c-f	28def	35d
10	Permit	75	0.0155	lb ai/a	0.33	oz/a	EPOST				
10	IR5878	50	0.0656	lb ai/a	2.1	oz/a	EPOST				
10	NIS		0.25	% v/v	4.8	fl oz/a	EPOST				
10	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	PRE/POFL				
10	COC		1	% v/v	19.2	fl oz/a	PRE/POFL				
11	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	26f	65def	20f	15e
11	Permit	75	0.047	lb ai/a	1	oz/a	EPOST				
11	NIS		0.25	% v/v	4.8	fl oz/a	EPOST				
11	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	PRE/POFL				
11	COC		1	% v/v	19.2	fl oz/a	PRE/POFL				
12	Command	3	0.3	lb ai/a	12.8	fl oz/a	1 LF	31ef	75a-d	23ef	18e
12	Permit	75	0.047	lb ai/a	1	oz/a	1 LF				
12	NIS		0.25	% v/v	4.8	fl oz/a	1 LF				
12	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	PRE/POFL				
12	COC		1	% v/v	19.2	fl oz/a	PRE/POFL				
13	Permit	75	0.047	lb ai/a	1	oz/a	EPOST	69b	63ef	40bc	38cd
13	Superwham	4	3	lb ai/a	3	qt/a	EPOST				
13	COC		1	% v/v	19.2	fl oz/a	EPOST				
13	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	PRE/POFL				
13	COC		1	% v/v	19.2	fl oz/a	PRE/POFL				
14	Newpath	2	0.094	lb ai/a	6	fl oz/a	1 LF	66b	80ab	43b	60b
14	Permit	75	0.047	lb ai/a	1	oz/a	1 LF				
14	COC		1	% v/v	19.2	fl oz/a	1 LF				
14	Newpath	2	0.0625	lb ai/a	4	fl oz/a	MPOST				
14	COC		1	% v/v	19.2	fl oz/a	MPOST				
15	Grasp	2	0.0313	lb ai/a	2	fl oz/a	EPOST	91a	80ab	43b	78a
15	IR5878	50	0.0656	lb ai/a	2.1	oz/a	EPOST				
15	NIS		1	% v/v	19.2	fl oz/a	EPOST				
15	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	PRE/POFL				
15	COC		1	% v/v	19.2	fl oz/a	PRE/POFL				
16	IR5878	50	0.0656	lb ai/a	2.1	oz/a	EPOST	61bc	68c-f	0g	20e
16	Ricestar	0.58	0.077	lb ai/a	17	fl oz/a	EPOST				
16	Dyne-A-Pak		1	% v/v	19.2	fl oz/a	EPOST				
16	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	PRE/POFL				
16	COC		1	% v/v	19.2	fl oz/a	PRE/POFL				
17	IR5878	50	0.0656	lb ai/a	2.1	oz/a	EPOST	69b	60f	0g	28de
17	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	EPOST				
17	Dyne-A-Pak		1	% v/v	19.2	fl oz/a	EPOST				
17	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	PRE/POFL				
17	COC		1	% v/v	19.2	fl oz/a	PRE/POFL				
18	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	58bcd	65def	0g	35d
18	IR5878	50	0.0656	lb ai/a	2.1	oz/a	EPOST				
18	Aim	2	0.0156	lb ai/a	1	fl oz/a	EPOST				
18	NIS		0.15	% v/v	2.88	fl oz/a	EPOST				
18	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	PRE/POFL				
18	COC		1	% v/v	19.2	fl oz/a	PRE/POFL				

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Pest Code	ALRPH	ALRPH	ALRPH	ALRPH
Rating Date	25/May/2006	5/Jun/2006	19/Jun/2006	6/Jul/2006
Rating Data Type	CONTROL	CONTROL	CONTROL	CONTRL
Rating Unit	%	%	%	%
Trt-Eval Interval	8daMPOT	19daMPOT	33daMPOT	51daMPOT

Trt No.	Treatment Name	Form Conc	Rate Rate	Other Rate	Other Rate	Growth Unit	Stage
LSD (P=.05)			14.1	11.6	9.1	12.6	
Standard Deviation			9.9	8.2	6.4	8.9	
CV			18.14	12.26	19.04	20.92	

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

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Department of Agronomy and Environmental Management

Early IR5878 Weed Control Programs

Trial ID: C06-09
 Location: Midsouth

Pest Code								RICE	RICE	RICE	RICE
Rating Date								25/May/2006	5/June/2006	19/June/2006	6/July/2006
Rating Data Type								INJURY	INJURY	INJURY	INJURY
Rating Unit								%	%	%	%
Trt No.	Treatment Name	Form Conc	Rate	Other Rate	Other Rate	Growth Unit Stage					
1	Nontreated						0a	0a	0a	0a	
2	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	0a	0a	0a	
2	IR5878	50	0.0656	lb ai/a	2.1	oz/a	EPOST				
2	NIS		0.25	% v/v	4.8	fl oz/a	EPOST				
2	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	PRE/POFL				
2	COC		1	% v/v	19.2	fl oz/a	PRE/POFL				
3	Command	3	0.3	lb ai/a	12.8	fl oz/a	1 LF	0a	0a	0a	
3	IR5878	50	0.0656	lb ai/a	2.1	oz/a	1 LF				
3	NIS		0.25	% v/v	4.8	fl oz/a	1 LF				
3	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	PRE/POFL				
3	COC		1	% v/v	19.2	fl oz/a	PRE/POFL				
4	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	0a	0a	0a	
4	IR5878	50	0.0656	lb ai/a	2.1	oz/a	EPOST				
4	Superwham	4	3	lb ai/a	3	qt/a	EPOST				
4	NIS		0.25	% v/v	4.8	fl oz/a	EPOST				
4	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	PRE/POFL				
4	COC		1	% v/v	19.2	fl oz/a	PRE/POFL				
5	Facet	75	0.375	lb ai/a	8	oz/a	PRE	0a	0a	0a	
5	IR5878	50	0.0656	lb ai/a	2.1	oz/a	EPOST				
5	COC		1	% v/v	19.2	fl oz/a	EPOST				
5	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	PRE/POFL				
5	COC		1	% v/v	19.2	fl oz/a	PRE/POFL				
6	IR5878	50	0.0656	lb ai/a	2.1	oz/a	EPOST	0a	0a	0a	
6	Facet	75	0.5	lb ai/a	10.7	oz/a	EPOST				
6	COC		1	% v/v	19.2	fl oz/a	EPOST				
6	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	PRE/POFL				
6	COC		1	% v/v	19.2	fl oz/a	PRE/POFL				
7	Newpath	2	0.094	lb ai/a	6	fl oz/a	PRE	0a	0a	0a	
7	IR5878	50	0.0656	lb ai/a	2.1	oz/a	EPOST				
7	NIS		0.25	% v/v	4.8	fl oz/a	EPOST				
7	Newpath	2	0.0625	lb ai/a	4	fl oz/a	MPOST				
7	COC		1	% v/v	19.2	fl oz/a	MPOST				
8	IR5878	50	0.0656	lb ai/a	2.1	oz/a	1 LF	0a	0a	0a	
8	Newpath	2	0.094	lb ai/a	6	fl oz/a	1 LF				
8	NIS		0.25	% v/v	4.8	fl oz/a	1 LF				
8	Newpath	2	0.0625	lb ai/a	4	fl oz/a	MPOST				
8	COC		1	% v/v	19.2	fl oz/a	MPOST				
9	IR5878	50	0.0656	lb ai/a	2.1	oz/a	EPOST	0a	0a	0a	
9	Superwham	4	4	lb ai/a	4	qt/a	EPOST				
9	NIS		0.25	% v/v	4.8	fl oz/a	EPOST				
9	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	PRE/POFL				
9	COC		1	% v/v	19.2	fl oz/a	PRE/POFL				

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Department of Agronomy and Environmental Management

Pest Code								RICE	RICE	RICE	RICE
Rating Date								25/May/2006	5/Jun/2006	19/Jun/2006	6/Jul/2006
Rating Data Type								INJURY	INJURY	INJURY	INJURY
Rating Unit								%	%	%	%
Trt No.	Treatment Name	Form Conc	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage				
10	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	0a	0a	0a	0a
10	Permit	75	0.0155	lb ai/a	0.33	oz/a	EPOST				
10	IR5878	50	0.0656	lb ai/a	2.1	oz/a	EPOST				
10	NIS		0.25	% v/v	4.8	fl oz/a	EPOST				
10	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	PRE/POFL				
10	COC		1	% v/v	19.2	fl oz/a	PRE/POFL				
11	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	0a	0a	0a	0a
11	Permit	75	0.047	lb ai/a	1	oz/a	EPOST				
11	NIS		0.25	% v/v	4.8	fl oz/a	EPOST				
11	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	PRE/POFL				
11	COC		1	% v/v	19.2	fl oz/a	PRE/POFL				
12	Command	3	0.3	lb ai/a	12.8	fl oz/a	1 LF	0a	0a	0a	0a
12	Permit	75	0.047	lb ai/a	1	oz/a	1 LF				
12	NIS		0.25	% v/v	4.8	fl oz/a	1 LF				
12	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	PRE/POFL				
12	COC		1	% v/v	19.2	fl oz/a	PRE/POFL				
13	Permit	75	0.047	lb ai/a	1	oz/a	EPOST	0a	0a	0a	0a
13	Superwham	4	3	lb ai/a	3	qt/a	EPOST				
13	COC		1	% v/v	19.2	fl oz/a	EPOST				
13	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	PRE/POFL				
13	COC		1	% v/v	19.2	fl oz/a	PRE/POFL				
14	Newpath	2	0.094	lb ai/a	6	fl oz/a	1 LF	0a	0a	0a	0a
14	Permit	75	0.047	lb ai/a	1	oz/a	1 LF				
14	COC		1	% v/v	19.2	fl oz/a	1 LF				
14	Newpath	2	0.0625	lb ai/a	4	fl oz/a	MPOST				
14	COC		1	% v/v	19.2	fl oz/a	MPOST				
15	Grasp	2	0.0313	lb ai/a	2	fl oz/a	EPOST	0a	0a	0a	0a
15	IR5878	50	0.0656	lb ai/a	2.1	oz/a	EPOST				
15	NIS		1	% v/v	19.2	fl oz/a	EPOST				
15	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	PRE/POFL				
15	COC		1	% v/v	19.2	fl oz/a	PRE/POFL				
16	IR5878	50	0.0656	lb ai/a	2.1	oz/a	EPOST	0a	0a	0a	0a
16	Ricestar	0.58	0.077	lb ai/a	17	fl oz/a	EPOST				
16	Dyne-A-Pak		1	% v/v	19.2	fl oz/a	EPOST				
16	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	PRE/POFL				
16	COC		1	% v/v	19.2	fl oz/a	PRE/POFL				
17	IR5878	50	0.0656	lb ai/a	2.1	oz/a	EPOST	0a	0a	0a	0a
17	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	EPOST				
17	Dyne-A-Pak		1	% v/v	19.2	fl oz/a	EPOST				
17	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	PRE/POFL				
17	COC		1	% v/v	19.2	fl oz/a	PRE/POFL				
18	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	0a	0a	0a	0a
18	IR5878	50	0.0656	lb ai/a	2.1	oz/a	EPOST				
18	Aim	2	0.0156	lb ai/a	1	fl oz/a	EPOST				
18	NIS		0.15	% v/v	2.88	fl oz/a	EPOST				
18	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	PRE/POFL				
18	COC		1	% v/v	19.2	fl oz/a	PRE/POFL				

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							RICE	RICE	RICE	RICE
							25/May/2006	5/Jun/2006	19/Jun/2006	6/Jul/2006
							INJURY	INJURY	INJURY	INJURY
							%	%	%	%
Trt	Treatment	Form	Rate	Other	Other	Growth				
No.	Name	Conc	Rate	Unit	Rate	Rate	Unit	Stage		
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

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

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Department of Agronomy and Environmental Management

Early IR5878 Weed Control Programs

Trial ID: C06-09
 Location: Midsouth

Pest Code								RICE	RICE	RICE
Rating Date								10/Aug/2006	10/Aug/2006	10/Aug/2006
Rating Data Type								Avg Height	Yield	Yield
Rating Unit								cm	Bu/A	lb/A
Trt-Eval Interval								maturity		
Trt No.	Treatment Name	Form Conc	Rate	Other Rate	Other Rate	Other Unit	Growth Stage			
1	Nontreated							98efg	108e	4831e
2	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	103a-f	136a-d	6127a-d
2	IR5878	50	0.0656	lb ai/a	2.1	oz/a	EPOST			
2	NIS		0.25	% v/v	4.8	fl oz/a	EPOST			
2	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	PRE/POFL			
2	COC		1	% v/v	19.2	fl oz/a	PRE/POFL			
3	Command	3	0.3	lb ai/a	12.8	fl oz/a	1 LF	99d-g	126cde	5648cde
3	IR5878	50	0.0656	lb ai/a	2.1	oz/a	1 LF			
3	NIS		0.25	% v/v	4.8	fl oz/a	1 LF			
3	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	PRE/POFL			
3	COC		1	% v/v	19.2	fl oz/a	PRE/POFL			
4	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	108a	150abc	6717abc
4	IR5878	50	0.0656	lb ai/a	2.1	oz/a	EPOST			
4	Superwham	4	3	lb ai/a	3	qt/a	EPOST			
4	NIS		0.25	% v/v	4.8	fl oz/a	EPOST			
4	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	PRE/POFL			
4	COC		1	% v/v	19.2	fl oz/a	PRE/POFL			
5	Facet	75	0.375	lb ai/a	8	oz/a	PRE	102c-g	156ab	6987ab
5	IR5878	50	0.0656	lb ai/a	2.1	oz/a	EPOST			
5	COC		1	% v/v	19.2	fl oz/a	EPOST			
5	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	PRE/POFL			
5	COC		1	% v/v	19.2	fl oz/a	PRE/POFL			
6	IR5878	50	0.0656	lb ai/a	2.1	oz/a	EPOST	103a-f	133bcd	5993bcd
6	Facet	75	0.5	lb ai/a	10.7	oz/a	EPOST			
6	COC		1	% v/v	19.2	fl oz/a	EPOST			
6	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	PRE/POFL			
6	COC		1	% v/v	19.2	fl oz/a	PRE/POFL			
7	Newpath	2	0.094	lb ai/a	6	fl oz/a	PRE	103a-f	135bcd	6044bcd
7	IR5878	50	0.0656	lb ai/a	2.1	oz/a	EPOST			
7	NIS		0.25	% v/v	4.8	fl oz/a	EPOST			
7	Newpath	2	0.0625	lb ai/a	4	fl oz/a	MPOST			
7	COC		1	% v/v	19.2	fl oz/a	MPOST			
8	IR5878	50	0.0656	lb ai/a	2.1	oz/a	1 LF	103a-f	149abc	6710abc
8	Newpath	2	0.094	lb ai/a	6	fl oz/a	1 LF			
8	NIS		0.25	% v/v	4.8	fl oz/a	1 LF			
8	Newpath	2	0.0625	lb ai/a	4	fl oz/a	MPOST			
8	COC		1	% v/v	19.2	fl oz/a	MPOST			
9	IR5878	50	0.0656	lb ai/a	2.1	oz/a	EPOST	108ab	127cde	5714cde
9	Superwham	4	4	lb ai/a	4	qt/a	EPOST			
9	NIS		0.25	% v/v	4.8	fl oz/a	EPOST			
9	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	PRE/POFL			
9	COC		1	% v/v	19.2	fl oz/a	PRE/POFL			

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Pest Code								RICE	RICE	RICE
Rating Date								10/Aug/2006	10/Aug/2006	10/Aug/2006
Rating Data Type								Avg Height	Yield	Yield
Rating Unit								cm	Bu/A	lb/A
Trt No.	Treatment Name	Form Conc	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
10	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	106abc	154ab	6920ab
10	Permit	75	0.0155	lb ai/a	0.33	oz/a	EPOST			
10	IR5878	50	0.0656	lb ai/a	2.1	oz/a	EPOST			
10	NIS		0.25	% v/v	4.8	fl oz/a	EPOST			
10	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	PRE/POFL			
10	COC		1	% v/v	19.2	fl oz/a	PRE/POFL			
11	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	103a-f	135bcd	6073bcd
11	Permit	75	0.047	lb ai/a	1	oz/a	EPOST			
11	NIS		0.25	% v/v	4.8	fl oz/a	EPOST			
11	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	PRE/POFL			
11	COC		1	% v/v	19.2	fl oz/a	PRE/POFL			
12	Command	3	0.3	lb ai/a	12.8	fl oz/a	1 LF	102b-g	159a	7152a
12	Permit	75	0.047	lb ai/a	1	oz/a	1 LF			
12	NIS		0.25	% v/v	4.8	fl oz/a	1 LF			
12	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	PRE/POFL			
12	COC		1	% v/v	19.2	fl oz/a	PRE/POFL			
13	Permit	75	0.047	lb ai/a	1	oz/a	EPOST	103a-f	133bcd	5988bcd
13	Superwham	4	3	lb ai/a	3	qt/a	EPOST			
13	COC		1	% v/v	19.2	fl oz/a	EPOST			
13	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	PRE/POFL			
13	COC		1	% v/v	19.2	fl oz/a	PRE/POFL			
14	Newpath	2	0.094	lb ai/a	6	fl oz/a	1 LF	104a-d	139a-d	6235a-d
14	Permit	75	0.047	lb ai/a	1	oz/a	1 LF			
14	COC		1	% v/v	19.2	fl oz/a	1 LF			
14	Newpath	2	0.0625	lb ai/a	4	fl oz/a	MPOST			
14	COC		1	% v/v	19.2	fl oz/a	MPOST			
15	Grasp	2	0.0313	lb ai/a	2	fl oz/a	EPOST	103a-e	140a-d	6291a-d
15	IR5878	50	0.0656	lb ai/a	2.1	oz/a	EPOST			
15	NIS		1	% v/v	19.2	fl oz/a	EPOST			
15	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	PRE/POFL			
15	COC		1	% v/v	19.2	fl oz/a	PRE/POFL			
16	IR5878	50	0.0656	lb ai/a	2.1	oz/a	EPOST	96g	124de	5555de
16	Ricestar	0.58	0.077	lb ai/a	17	fl oz/a	EPOST			
16	Dyne-A-Pak		1	% v/v	19.2	fl oz/a	EPOST			
16	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	PRE/POFL			
16	COC		1	% v/v	19.2	fl oz/a	PRE/POFL			
17	IR5878	50	0.0656	lb ai/a	2.1	oz/a	EPOST	97fg	125de	5621de
17	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	EPOST			
17	Dyne-A-Pak		1	% v/v	19.2	fl oz/a	EPOST			
17	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	PRE/POFL			
17	COC		1	% v/v	19.2	fl oz/a	PRE/POFL			
18	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	104a-e	147a-d	6583a-d
18	IR5878	50	0.0656	lb ai/a	2.1	oz/a	EPOST			
18	Aim	2	0.0156	lb ai/a	1	fl oz/a	EPOST			
18	NIS		0.15	% v/v	2.88	fl oz/a	EPOST			
18	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	PRE/POFL			
18	COC		1	% v/v	19.2	fl oz/a	PRE/POFL			

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Pest Code				RICE	RICE	RICE
Rating Date				10/Aug/2006	10/Aug/2006	10/Aug/2006
Rating Data Type				Avg Height	Yield	Yield
Rating Unit				cm	Bu/A	lb/A
Trt No.	Treatment Name	Form Conc	Rate Rate	Other Rate	Other Rate	Growth Unit Stage
LSD (P=.05)				5.9	23.9	1072.8
Standard Deviation				4.1	16.9	758.6
CV				4.05	12.8	12.8

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

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IR5878 Weed Control Programs for the Midsouth

Experiment number.....: **C06-10**
 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: 05/15/06
 Harvest date.....: N/A
 Crop/Variety: Rice/ CL131
 Emergence date.....: 05/22/06
 Uniform std. treatment.....: N/A

Application type.....: MPOT	POFL
Date applied [mm/dd/yy] ...: 6/7/06	6/15/06
Time [hh:mm-hh:mm].....: 10:30-10:55a	1:15-1:35p
Incorporation equip./Depth: N/A	N/A
Air/Soil temperature [F]: 78/80	95/88
Relative humidity [%].....: 75	55
Wind [mph, direction]: 2-3 W	3-5 SW
Weather [sunny, etc]: cloudy	pt cloudy
Soil/Leaf surface moist.....: wet/wet	flood/dry
Crop stage/Height: 3-5 lf/3-6"	5lf-2till/6-9"
Sprayer type/MPH.....: CO ₂ BkPk/3	CO ₂ BkPk/3
Nozzle type/Size: AMFF/110015	AMFF/110015
Boom ht/# Noz/Spacing ...: 18"/5/15"	18"/5/15"
GPA/PSI.....: 15/21	15/30
Applied by: Griffin	Hensley

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

ECHCG (150-200 m ⁻²): 1-6"/4 lf-1 till	4-8"/2-3 till
BRAPP (50-70 m ⁻²): 0.25-6"/1 lf-1 till	4-7"/2-3 till
LEFPA (50-70 m ⁻²): 0.5-4"/3 lf-1 till	2-6"/1-2 till
SEBEX (25-35 m ⁻²): 6-8"/4-6 lf	8-10"/6-9 lf
CYPIR (100-150 m ⁻²): 2-3"/1-5 lf	4-6"/4-7 lf

Flush Dates.....: 5/19, 6/1, 6/13
 Permanent Flood: 6/14

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IR5878 Weed Control Programs for the Midsouth

Trial ID: C06-10
 Location: RRS-Crowley, LA

Pest Code								SEBEX	SEBEX	SEBEX	SEBEX
Rating Date								15/Jun/2006	21/Jun/2006	5/Jul/2006	17/Jul/2006
Rating Data Type								CONTROL	CONTROL	CONTROL	CONTROL
Rating Unit								%	%	%	%
Trt-Eval Interval								8daMPOT	14daMPOT	28daMPOT	40daMPOT
Trt No.	Treatment Name	Form Conc	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage				
1	Treated Check							0g	0e	0c	0c
1	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE				
1	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	PRE/POFL				
1	COC		1	% v/v	19.2	fl oz/a	PRE/POFL				
2	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	69e	88c	99a	99a
2	IR5878	50	0.0656	lb ai/a	2.1	oz/a	MPOST				
2	NIS		0.25	% v/v	4.8	fl oz/a	MPOST				
2	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	PRE/POFL				
2	COC		1	% v/v	19.2	fl oz/a	PRE/POFL				
3	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	98a	98a	99a	99a
3	IR5878	50	0.0656	lb ai/a	2.1	oz/a	MPOST				
3	Superwham	4	3	lb ai/a	3	qt/a	MPOST				
3	COC		1	% v/v	19.2	fl oz/a	MPOST				
3	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	PRE/POFL				
3	COC		1	% v/v	19.2	fl oz/a	PRE/POFL				
4	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	97a	98a	99a	99a
4	IR5878	50	0.0656	lb ai/a	2.1	oz/a	MPOST				
4	Superwham	4	4	lb ai/a	4	qt/a	MPOST				
4	COC		1	% v/v	19.2	fl oz/a	MPOST				
4	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	PRE/POFL				
4	COC		1	% v/v	19.2	fl oz/a	PRE/POFL				
5	IR5878	50	0.0656	lb ai/a	2.1	oz/a	MPOST	96a	98a	99a	99a
5	Facet	75	0.5	lb ai/a	10.7	oz/a	MPOST				
5	COC		1.67	% v/v	1	qt/a	MPOST				
5	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	PRE/POFL				
5	COC		1	% v/v	19.2	fl oz/a	PRE/POFL				
6	Newpath	2	0.094	lb ai/a	6	fl oz/a	1 LF	44f	74d	96b	89b
6	COC		1	% v/v	19.2	fl oz/a	1 LF				
6	IR5878	50	0.0656	lb ai/a	2.1	oz/a	MPOST				
6	Newpath	2	0.0625	lb ai/a	4	fl oz/a	MPOST				
6	COC		1	% v/v	19.2	fl oz/a	MPOST				
7	Grasp	2	0.0313	lb ai/a	2	fl oz/a	MPOST	89b	97a	99a	99a
7	IR5878	50	0.0656	lb ai/a	2.1	oz/a	MPOST				
7	COC		1	% v/v	19.2	fl oz/a	MPOST				
7	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	PRE/POFL				
7	COC		1	% v/v	19.2	fl oz/a	PRE/POFL				
8	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	93ab	98a	99a	99a
8	IR5878	50	0.0656	lb ai/a	2.1	oz/a	MPOST				
8	Facet	75	0.5	lb ai/a	10.7	oz/a	MPOST				
8	COC		1.67	% v/v	1	qt/a	MPOST				
8	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	PRE/POFL				
8	COC		1	% v/v	19.2	fl oz/a	PRE/POFL				

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Pest Code	SEBEX	SEBEX	SEBEX	SEBEX
Rating Date	15/Jun/2006	21/Jun/2006	5/Jul/2006	17/Jul/2006
Rating Data Type	CONTROL	CONTROL	CONTROL	CONTROL
Rating Unit	%	%	%	%
Trt-Eval Interval	8daMPOT	14daMPOT	28daMPOT	40daMPOT

Trt No.	Treatment Name	Form Conc	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage				
9	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	76cd	98a	99a	99a
9	IR5878	50	0.0656	lb ai/a	2.1	oz/a	MPOST				
9	Permit	75	0.0117	lb ai/a	0.25	oz/a	MPOST				
9	NIS		0.25	% v/v	4.8	fl oz/a	MPOST				
9	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	PRE/POFL				
9	COC		1	% v/v	19.2	fl oz/a	PRE/POFL				
10	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	79c	95ab	99a	99a
10	IR5878	50	0.0656	lb ai/a	2.1	oz/a	MPOST				
10	Permit	75	0.0155	lb ai/a	0.33	oz/a	MPOST				
10	NIS		0.25	% v/v	4.8	fl oz/a	MPOST				
10	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	PRE/POFL				
10	COC		1	% v/v	19.2	fl oz/a	PRE/POFL				
11	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	71de	93b	99a	99a
11	IR5878	50	0.0656	lb ai/a	2.1	oz/a	MPOST				
11	Grandstand	3	0.25	lb ai/a	10.7	oz/a	MPOST				
11	COC		1	% v/v	19.2	fl oz/a	MPOST				
11	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	PRE/POFL				
11	COC		1	% v/v	19.2	fl oz/a	PRE/POFL				
12	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	94ab	97a	99a	99a
12	IR5878	50	0.0656	lb ai/a	2.1	oz/a	MPOST				
12	Aim	2	0.0156	lb ai/a	1	fl oz/a	MPOST				
12	NIS		0.25	% v/v	4.8	fl oz/a	MPOST				
12	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	PRE/POFL				
12	COC		1	% v/v	19.2	fl oz/a	PRE/POFL				
13	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	98a	98a	99a	99a
13	Permit	75	0.047	lb ai/a	1	oz/a	MPOST				
13	Superwham	4	4	lb ai/a	4	qt/a	MPOST				
13	COC		1	% v/v	19.2	fl oz/a	MPOST				
13	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	PRE/POFL				
13	COC		1	% v/v	19.2	fl oz/a	PRE/POFL				
LSD (P=.05)								5.8	4.0	0.8	2.8
Standard Deviation								4.0	2.8	0.6	1.9
CV								5.22	3.18	0.61	2.14

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

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Department of Agronomy and Environmental Management

IR5878 Weed Control Programs for the Midsouth

Trial ID: C06-10
 Location: RRS-Crowley, LA

Pest Code								CYPIR	CYPIR	CYPIR	CYPIR
Rating Date								15/Jun/2006	21/Jun/2006	5/Jul/2006	17/Jul/2006
Rating Data Type								CONTROL	CONTROL	CONTROL	CONTROL
Rating Unit								%	%	%	%
Trt-Eval Interval								8daMPOT	14daMPOT	28daMPOT	40daMPOT
Trt No.	Treatment Name	Form Conc	Rate	Other Rate	Other Rate	Other Unit	Growth Stage				
1	Treated Check							Of	0c	0b	0b
1	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE				
1	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	PRE/POFL				
1	COC		1	% v/v	19.2	fl oz/a	PRE/POFL				
2	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	84e	94a	99a	99a
2	IR5878	50	0.0656	lb ai/a	2.1	oz/a	MPOST				
2	NIS		0.25	% v/v	4.8	fl oz/a	MPOST				
2	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	PRE/POFL				
2	COC		1	% v/v	19.2	fl oz/a	PRE/POFL				
3	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	98a	98a	99a	99a
3	IR5878	50	0.0656	lb ai/a	2.1	oz/a	MPOST				
3	Superwham	4	3	lb ai/a	3	qt/a	MPOST				
3	COC		1	% v/v	19.2	fl oz/a	MPOST				
3	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	PRE/POFL				
3	COC		1	% v/v	19.2	fl oz/a	PRE/POFL				
4	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	97a	98a	99a	99a
4	IR5878	50	0.0656	lb ai/a	2.1	oz/a	MPOST				
4	Superwham	4	4	lb ai/a	4	qt/a	MPOST				
4	COC		1	% v/v	19.2	fl oz/a	MPOST				
4	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	PRE/POFL				
4	COC		1	% v/v	19.2	fl oz/a	PRE/POFL				
5	IR5878	50	0.0656	lb ai/a	2.1	oz/a	MPOST	95abc	97a	99a	99a
5	Facet	75	0.5	lb ai/a	10.7	oz/a	MPOST				
5	COC		1.67	% v/v	1	qt/a	MPOST				
5	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	PRE/POFL				
5	COC		1	% v/v	19.2	fl oz/a	PRE/POFL				
6	Newpath	2	0.094	lb ai/a	6	fl oz/a	1 LF	90d	76b	99a	99a
6	COC		1	% v/v	19.2	fl oz/a	1 LF				
6	IR5878	50	0.0656	lb ai/a	2.1	oz/a	MPOST				
6	Newpath	2	0.0625	lb ai/a	4	fl oz/a	MPOST				
6	COC		1	% v/v	19.2	fl oz/a	MPOST				
7	Grasp	2	0.0313	lb ai/a	2	fl oz/a	MPOST	93bcd	97a	99a	99a
7	IR5878	50	0.0656	lb ai/a	2.1	oz/a	MPOST				
7	COC		1	% v/v	19.2	fl oz/a	MPOST				
7	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	PRE/POFL				
7	COC		1	% v/v	19.2	fl oz/a	PRE/POFL				
8	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	95ab	95a	99a	99a
8	IR5878	50	0.0656	lb ai/a	2.1	oz/a	MPOST				
8	Facet	75	0.5	lb ai/a	10.7	oz/a	MPOST				
8	COC		1.67	% v/v	1	qt/a	MPOST				
8	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	PRE/POFL				
8	COC		1	% v/v	19.2	fl oz/a	PRE/POFL				

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Pest Code	CYPIR	CYPIR	CYPIR	CYPIR
Rating Date	15/Jun/2006	21/Jun/2006	5/Jul/2006	17/Jul/2006
Rating Data Type	CONTROL	CONTROL	CONTROL	CONTROL
Rating Unit	%	%	%	%
Trt-Eval Interval	8daMPOT	14daMPOT	28daMPOT	40daMPOT

Trt No.	Treatment Name	Form Conc	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	91cd	98a	99a	99a
9	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	91cd	98a	99a	99a
9	IR5878	50	0.0656	lb ai/a	2.1	oz/a	MPOST				
9	Permit	75	0.0117	lb ai/a	0.25	oz/a	MPOST				
9	NIS		0.25	% v/v	4.8	fl oz/a	MPOST				
9	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	PRE/POFL				
9	COC		1	% v/v	19.2	fl oz/a	PRE/POFL				
10	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	91cd	98a	99a	99a
10	IR5878	50	0.0656	lb ai/a	2.1	oz/a	MPOST				
10	Permit	75	0.0155	lb ai/a	0.33	oz/a	MPOST				
10	NIS		0.25	% v/v	4.8	fl oz/a	MPOST				
10	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	PRE/POFL				
10	COC		1	% v/v	19.2	fl oz/a	PRE/POFL				
11	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	86e	95a	99a	99a
11	IR5878	50	0.0656	lb ai/a	2.1	oz/a	MPOST				
11	Grandstand	3	0.25	lb ai/a	10.7	oz/a	MPOST				
11	COC		1	% v/v	19.2	fl oz/a	MPOST				
11	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	PRE/POFL				
11	COC		1	% v/v	19.2	fl oz/a	PRE/POFL				
12	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	91d	97a	99a	99a
12	IR5878	50	0.0656	lb ai/a	2.1	oz/a	MPOST				
12	Aim	2	0.0156	lb ai/a	1	fl oz/a	MPOST				
12	NIS		0.25	% v/v	4.8	fl oz/a	MPOST				
12	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	PRE/POFL				
12	COC		1	% v/v	19.2	fl oz/a	PRE/POFL				
13	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	96ab	98a	99a	99a
13	Permit	75	0.047	lb ai/a	1	oz/a	MPOST				
13	Superwham	4	4	lb ai/a	4	qt/a	MPOST				
13	COC		1	% v/v	19.2	fl oz/a	MPOST				
13	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	PRE/POFL				
13	COC		1	% v/v	19.2	fl oz/a	PRE/POFL				
LSD (P=.05)								3.7	4.5	0.0	0.0
Standard Deviation								2.6	3.1	0.0	0.0
CV								3.02	3.57	0.0	0.0

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

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Department of Agronomy and Environmental Management

IR5878 Weed Control Programs for the Midsouth

Trial ID: C06-10
 Location: RRS-Crowley, LA

Pest Code	Rating Date	Rating Data Type	Rating Unit	Trt-Eval Interval	RICE 15/Jun/2006	RICE 21/Jun/2006	RICE 5/Jul/2006	RICE 17/Jul/2006
					INJURY	INJURY	INJURY	INJURY
					%	%	%	%
					8daMPOT	14daMPOT	28daMPOT	40daMPOT

Trt No.	Treatment Name	Form Conc	Rate	Other Rate	Other Rate	Other Unit	Growth Stage	RICE	RICE	RICE	RICE
1	Treated Check							0c	0a	0a	0a
1	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE				
1	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	PRE/POFL				
1	COC		1	% v/v	19.2	fl oz/a	PRE/POFL				
2	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	0c	0a	0a	0a
2	IR5878	50	0.0656	lb ai/a	2.1	oz/a	MPOST				
2	NIS		0.25	% v/v	4.8	fl oz/a	MPOST				
2	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	PRE/POFL				
2	COC		1	% v/v	19.2	fl oz/a	PRE/POFL				
3	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	23a	0a	0a	0a
3	IR5878	50	0.0656	lb ai/a	2.1	oz/a	MPOST				
3	Superwham	4	3	lb ai/a	3	qt/a	MPOST				
3	COC		1	% v/v	19.2	fl oz/a	MPOST				
3	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	PRE/POFL				
3	COC		1	% v/v	19.2	fl oz/a	PRE/POFL				
4	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	16b	0a	0a	0a
4	IR5878	50	0.0656	lb ai/a	2.1	oz/a	MPOST				
4	Superwham	4	4	lb ai/a	4	qt/a	MPOST				
4	COC		1	% v/v	19.2	fl oz/a	MPOST				
4	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	PRE/POFL				
4	COC		1	% v/v	19.2	fl oz/a	PRE/POFL				
5	IR5878	50	0.0656	lb ai/a	2.1	oz/a	MPOST	0c	0a	0a	0a
5	Facet	75	0.5	lb ai/a	10.7	oz/a	MPOST				
5	COC		1.67	% v/v	1	qt/a	MPOST				
5	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	PRE/POFL				
5	COC		1	% v/v	19.2	fl oz/a	PRE/POFL				
6	Newpath	2	0.094	lb ai/a	6	fl oz/a	1 LF	0c	0a	0a	0a
6	COC		1	% v/v	19.2	fl oz/a	1 LF				
6	IR5878	50	0.0656	lb ai/a	2.1	oz/a	MPOST				
6	Newpath	2	0.0625	lb ai/a	4	fl oz/a	MPOST				
6	COC		1	% v/v	19.2	fl oz/a	MPOST				
7	Grasp	2	0.0313	lb ai/a	2	fl oz/a	MPOST	0c	0a	0a	0a
7	IR5878	50	0.0656	lb ai/a	2.1	oz/a	MPOST				
7	COC		1	% v/v	19.2	fl oz/a	MPOST				
7	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	PRE/POFL				
7	COC		1	% v/v	19.2	fl oz/a	PRE/POFL				
8	IR5878	50	0.0656	lb ai/a	2.1	oz/a	MPOST	0c	0a	0a	0a
8	Facet	75	0.5	lb ai/a	10.7	oz/a	MPOST				
8	COC		1.67	% v/v	1	qt/a	MPOST				
8	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	PRE/POFL				
8	COC		1	% v/v	19.2	fl oz/a	PRE/POFL				

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Pest Code	RICE	RICE	RICE	RICE
Rating Date	15/Jun/2006	21/Jun/2006	5/Jul/2006	17/Jul/2006
Rating Data Type	INJURY	INJURY	INJURY	INJURY
Rating Unit	%	%	%	%
Trt-Eval Interval	8daMPOT	14daMPOT	28daMPOT	40daMPOT

Trt No.	Treatment Name	Form Conc	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage				
9	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	0c	0a	0a	0a
9	IR5878	50	0.0656	lb ai/a	2.1	oz/a	MPOST				
9	Permit	75	0.0117	lb ai/a	0.25	oz/a	MPOST				
9	NIS		0.25	% v/v	4.8	fl oz/a	MPOST				
9	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	PRE/POFL				
9	COC		1	% v/v	19.2	fl oz/a	PRE/POFL				
10	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	0c	0a	0a	0a
10	IR5878	50	0.0656	lb ai/a	2.1	oz/a	MPOST				
10	Permit	75	0.0155	lb ai/a	0.33	oz/a	MPOST				
10	NIS		0.25	% v/v	4.8	fl oz/a	MPOST				
10	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	PRE/POFL				
10	COC		1	% v/v	19.2	fl oz/a	PRE/POFL				
11	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	0c	0a	0a	0a
11	IR5878	50	0.0656	lb ai/a	2.1	oz/a	MPOST				
11	Grandstand	3	0.25	lb ai/a	10.7	oz/a	MPOST				
11	COC		1	% v/v	19.2	fl oz/a	MPOST				
11	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	PRE/POFL				
11	COC		1	% v/v	19.2	fl oz/a	PRE/POFL				
12	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	0c	0a	0a	0a
12	IR5878	50	0.0656	lb ai/a	2.1	oz/a	MPOST				
12	Aim	2	0.0156	lb ai/a	1	fl oz/a	MPOST				
12	NIS		0.25	% v/v	4.8	fl oz/a	MPOST				
12	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	PRE/POFL				
12	COC		1	% v/v	19.2	fl oz/a	PRE/POFL				
13	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	20ab	0a	0a	0a
13	Permit	75	0.047	lb ai/a	1	oz/a	MPOST				
13	Superwham	4	4	lb ai/a	4	qt/a	MPOST				
13	COC		1	% v/v	19.2	fl oz/a	MPOST				
13	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	PRE/POFL				
13	COC		1	% v/v	19.2	fl oz/a	PRE/POFL				
LSD (P=.05)								4.6	0.0	0.0	0.0
Standard Deviation								3.2	0.0	0.0	0.0
CV								70.87	0.0	0.0	0.0

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

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Department of Agronomy and Environmental Management

Clincher Pre-flood and Post-flood in Rice

Experiment number.....:	C06-11				
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	04/03/06				
Harvest date.....:	08/14/06				
Crop/Variety	Rice/Trenasse				
Emergence date.....:	04/14/06				
Uniform std. treatment.....:	N/A				
Application type.....:	PRE	1-3 LF	3daPREFL	7daFL	17daFL
Date applied [mm/dd/yy] ...:	4/04/06	5/2/06	5/29/06	6/7/06	6/16/06
Time [hh:mm-hh:mm].....:	2:30-2:40p	11:20-11:30a	9:45-10:00a	11:45-12:00p	9:45-9:50a
Incorporation equip./Depth:	N/A	N/A	N/A	N/A	N/A N/A
Air/Soil temperature [F]	86/77	83/82	82/80	80/80	82/81
Relative humidity [%].....:	36	36	78	70	85
Wind [mph, direction]	2-3 SE	4-5 SSW	2-3 S	2-4 W	0-2 SW
Weather [sunny, etc]	sunny	pt cloudy	cloudy	cloudy	cloudy
Soil/Leaf surface moist.....:	dry/NA	wet/dry	wet/dry	flood/dry	flood/wet
Crop stage/Height	N/A	3 lf/3-5"	1-3 till/8-12"	3-4 till/16-18"	PD/19-22"
Sprayer type/MPH.....:	CO ₂ BkPk/3.0	CO ₂ BkPk/3.0	CO ₂ BkPk/3.0	CO ₂ BkPk/3.0	CO ₂ BkPk/3
Nozzle type/Size	AMFF/110015	AMFF/110015	AMFF/110015	AMFF/110015	AMFF/110015
Boom ht/# Noz/Spacing ...:	18"/5/15"	18"/5/15"	18"/5/15"	18"/5/15"	18"/5/15"
GPA/PSI.....:	15/26	15/29	15/28	15/29	15/28
Applied by	Webster	Hensley	Griffin	Griffin	Bottoms
Weed Species (population):	------(height/#leaves)-----				
ECHCG (70-80 m ⁻²)	1-3"/3-4 lf	1-4"/3 lf-3till	5-8"/4-5till	5-8"/4-5till	
ALRPH (10-15 m ⁻²)	3-4"/4-6 lf	4-12"/20-40	8-15"/40-50lf	8-15"/40-50lf	
BRAPP (50-60 m ⁻²)	2-3"/3-4 lf	5-6"/2-3till	6-12"/3-5 till	6-12"/3-5 till	
LEFPA (30-30)	1.5-6"/4 lf-3til	3-7"/5lf-4till	5-8"/4-5till	5-8"/4-5till	
Flush Dates.....:	4/5, 4/20, 5/18				
Permanent Flood	6/1				

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Clincher Pre-flood and Post-flood in Rice

Trial ID: C06-11
 Location: RRS-Crowley, LA

								ECHCG	ECHCG	ECHCG	ECHCG
								25/Jun/2006	5/Jun/2006	20/Jun/2006	6/Jul/2006
								CONTROL	CONTROL	CONTROL	CONTROL
								%	%	%	%
								23da1-3L	7daPRFL	13daPOFL	20daLPFL
Trt No.	Treatment Name	Form Conc	Rate	Other Rate	Other Rate	Other Unit	Growth Stage				
1	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	97a	78f	45e	58b
2	Command	3	0.3	lb ai/a	12.8	fl oz/a	1-3 lf grass	98a	89abc	91abc	93a
2	Clincher	2.38	0.186	lb ai/a	10	fl oz/a	1-3 lf grass				
2	Agridex		2.5	% v/v	48	fl oz/a	1-3 lf grass				
2	Grandstand	3	0.28	lb ai/a	12	fl oz/a	3 dPREFL				
2	Permit	75	0.0234	lb ai/a	0.5	oz/a	3 dPREFL				
2	Agridex		1.25	% v/v	24	fl oz/a	3 dPREFL				
3	Command	3	0.3	lb ai/a	12.8	fl oz/a	1-3 lf grass	98a	91a	91abc	97a
3	Clincher	2.38	0.25	lb ai/a	13.5	fl oz/a	1-3 lf grass				
3	Agridex		2.5	% v/v	48	fl oz/a	1-3 lf grass				
3	Grandstand	3	0.28	lb ai/a	12	fl oz/a	3 dPREFL				
3	Permit	75	0.0234	lb ai/a	0.5	oz/a	3 dPREFL				
3	Agridex		1.25	% v/v	24	fl oz/a	3 dPREFL				
4	Command	3	0.3	lb ai/a	12.8	fl oz/a	1-3 lf grass	98a	88a-d	93ab	97a
4	Clincher	2.38	0.186	lb ai/a	10	fl oz/a	1-3 lf grass				
4	Agridex		2.5	% v/v	48	fl oz/a	1-3 lf grass				
4	Grandstand	3	0.28	lb ai/a	12	fl oz/a	3 dPREFL				
4	Permit	75	0.0234	lb ai/a	0.5	oz/a	3 dPREFL				
4	Agridex		1.25	% v/v	24	fl oz/a	3 dPREFL				
4	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	7 dAFL				
4	Agridex		2.5	% v/v	48	fl oz/a	7 dAFL				
5	Facet	75	0.375	lb ai/a	0.5	lb/a	1-3 lf grass	98a	86a-e	87bc	97a
5	Clincher	2.38	0.186	lb ai/a	10	fl oz/a	1-3 lf grass				
5	Agridex		2.5	% v/v	48	fl oz/a	1-3 lf grass				
5	Grandstand	3	0.28	lb ai/a	12	fl oz/a	3 dPREFL				
5	Permit	75	0.0234	lb ai/a	0.5	oz/a	3 dPREFL				
5	Agridex		1.25	% v/v	24	fl oz/a	3 dPREFL				
6	Facet	75	0.375	lb ai/a	0.5	lb/a	1-3 lf grass	97a	90ab	85cd	93a
6	Clincher	2.38	0.25	lb ai/a	13.5	fl oz/a	1-3 lf grass				
6	Agridex		2.5	% v/v	48	fl oz/a	1-3 lf grass				
6	Grandstand	3	0.28	lb ai/a	12	fl oz/a	3 dPREFL				
6	Permit	75	0.0234	lb ai/a	0.5	oz/a	3 dPREFL				
6	Agridex		1.25	% v/v	24	fl oz/a	3 dPREFL				
7	Facet	75	0.375	lb ai/a	0.5	lb/a	1-3 lf grass	98a	88a-d	91abc	97a
7	Clincher	2.38	0.186	lb ai/a	10	fl oz/a	1-3 lf grass				
7	Agridex		2.5	% v/v	48	fl oz/a	1-3 lf grass				
7	Grandstand	3	0.28	lb ai/a	12	fl oz/a	3 dPREFL				
7	Permit	75	0.0234	lb ai/a	0.5	oz/a	3 dPREFL				
7	Agridex		1.25	% v/v	24	fl oz/a	3 dPREFL				
7	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	7 dAFL				
7	Agridex		2.5	% v/v	48	fl oz/a	7 dAFL				

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Pest Code	ECHCG	ECHCG	ECHCG	ECHCG
Rating Date	25/Jun/2006	5/Jun/2006	20/Jun/2006	6/Jul/2006
Rating Data Type	CONTROL	CONTROL	CONTROL	CONTROL
Rating Unit	%	%	%	%
Trt-Eval Interval	23da1-3L	7daPRFL	13daPOFL	20daLPFL

Trt No.	Treatment Name	Form Conc	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage				
8	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	97a	81def	80d	48c
8	Grandstand	3	0.28	lb ai/a	12	fl oz/a	3 dPREFL				
8	Permit	75	0.0234	lb ai/a	0.5	oz/a	3 dPREFL				
8	Agridex		1.25	% v/v	24	fl oz/a	3 dPREFL				
9	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	98a	80ef	91abc	97a
9	Grandstand	3	0.28	lb ai/a	12	fl oz/a	3 dPREFL				
9	Permit	75	0.0234	lb ai/a	0.5	oz/a	3 dPREFL				
9	Agridex		1.25	% v/v	24	fl oz/a	3 dPREFL				
9	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	7 dAFL				
9	Agridex		2.5	% v/v	48	fl oz/a	7 dAFL				
10	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	98a	84b-f	94a	98a
10	Grasp	2	0.0313	lb ai/a	2	fl oz/a	3 dPREFL				
10	Agridex		2.5	% v/v	48	fl oz/a	3 dPREFL				
10	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	7 dAFL				
10	Agridex		2.5	% v/v	48	fl oz/a	7 dAFL				
11	Command	3	0.3	lb ai/a	12.8	fl oz/a	1-3 lf grass	97a	88a-d	90abc	98a
11	Clincher	2.38	0.25	lb ai/a	13.5	fl oz/a	1-3 lf grass				
11	Agridex		2.5	% v/v	48	fl oz/a	1-3 lf grass				
11	Grandstand	3	0.28	lb ai/a	12	fl oz/a	3 dPREFL				
11	Agridex		1.25	% v/v	24	fl oz/a	3 dPREFL				
11	Grasp	2	0.039	lb ai/a	2.5	fl oz/a	7 dAFL				
11	Agridex		2.5	% v/v	48	fl oz/a	7 dAFL				
12	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	97a	83c-f	90abc	98a
12	Grandstand	3	0.28	lb ai/a	12	fl oz/a	3 dPREFL				
12	Permit	75	0.0234	lb ai/a	0.5	oz/a	3 dPREFL				
12	Agridex		1.25	% v/v	24	fl oz/a	3 dPREFL				
12	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	7 dAFL				
12	Agridex		2.5	% v/v	48	fl oz/a	7 dAFL				
12	Clincher	2.38	0.25	lb ai/a	13.5	fl oz/a	17 dAFL				
12	Agridex		2.5	% v/v	48	fl oz/a	17 dAFL				
LSD (P=.05)								1.3	7.5	6.5	6.7
Standard Deviation								0.9	5.2	4.5	4.6
CV								0.9	6.08	5.29	5.17

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

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Department of Agronomy and Environmental Management

Clincher Pre-flood and Post-flood in Rice

Trial ID: C06-11
 Location: RRS-Crowley, LA

Pest Code				BRAPP	BRAPP	BRAPP	BRAPP				
Rating Date				25/Jun/2006	5/Jun/2006	20/Jun/2006	6/Jul/2006				
Rating Data Type				CONTROL	CONTROL	CONTROL	CONTROL				
Rating Unit				%	%	%	%				
Trt-Eval Interval				23da1-3L	7daPRFL	13daPOFL	20daLPFL				
Trt No.	Treatment Name	Form Conc	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage				
1	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	93b	63c	68c	70b
2	Command	3	0.3	lb ai/a	12.8	fl oz/a	1-3 lf grass	98a	90a	91a	94a
2	Clincher	2.38	0.186	lb ai/a	10	fl oz/a	1-3 lf grass				
2	Agridex		2.5	% v/v	48	fl oz/a	1-3 lf grass				
2	Grandstand	3	0.28	lb ai/a	12	fl oz/a	3 dPREFL				
2	Permit	75	0.0234	lb ai/a	0.5	oz/a	3 dPREFL				
2	Agridex		1.25	% v/v	24	fl oz/a	3 dPREFL				
3	Command	3	0.3	lb ai/a	12.8	fl oz/a	1-3 lf grass	98a	89ab	91a	97a
3	Clincher	2.38	0.25	lb ai/a	13.5	fl oz/a	1-3 lf grass				
3	Agridex		2.5	% v/v	48	fl oz/a	1-3 lf grass				
3	Grandstand	3	0.28	lb ai/a	12	fl oz/a	3 dPREFL				
3	Permit	75	0.0234	lb ai/a	0.5	oz/a	3 dPREFL				
3	Agridex		1.25	% v/v	24	fl oz/a	3 dPREFL				
4	Command	3	0.3	lb ai/a	12.8	fl oz/a	1-3 lf grass	98a	88ab	93a	97a
4	Clincher	2.38	0.186	lb ai/a	10	fl oz/a	1-3 lf grass				
4	Agridex		2.5	% v/v	48	fl oz/a	1-3 lf grass				
4	Grandstand	3	0.28	lb ai/a	12	fl oz/a	3 dPREFL				
4	Permit	75	0.0234	lb ai/a	0.5	oz/a	3 dPREFL				
4	Agridex		1.25	% v/v	24	fl oz/a	3 dPREFL				
4	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	7 dAFL				
4	Agridex		2.5	% v/v	48	fl oz/a	7 dAFL				
5	Facet	75	0.375	lb ai/a	0.5	lb/a	1-3 lf grass	96b	90a	83b	96a
5	Clincher	2.38	0.186	lb ai/a	10	fl oz/a	1-3 lf grass				
5	Agridex		2.5	% v/v	48	fl oz/a	1-3 lf grass				
5	Grandstand	3	0.28	lb ai/a	12	fl oz/a	3 dPREFL				
5	Permit	75	0.0234	lb ai/a	0.5	oz/a	3 dPREFL				
5	Agridex		1.25	% v/v	24	fl oz/a	3 dPREFL				
6	Facet	75	0.375	lb ai/a	0.5	lb/a	1-3 lf grass	98a	90a	88ab	95a
6	Clincher	2.38	0.25	lb ai/a	13.5	fl oz/a	1-3 lf grass				
6	Agridex		2.5	% v/v	48	fl oz/a	1-3 lf grass				
6	Grandstand	3	0.28	lb ai/a	12	fl oz/a	3 dPREFL				
6	Permit	75	0.0234	lb ai/a	0.5	oz/a	3 dPREFL				
6	Agridex		1.25	% v/v	24	fl oz/a	3 dPREFL				
7	Facet	75	0.375	lb ai/a	0.5	lb/a	1-3 lf grass	98a	88ab	91a	97a
7	Clincher	2.38	0.186	lb ai/a	10	fl oz/a	1-3 lf grass				
7	Agridex		2.5	% v/v	48	fl oz/a	1-3 lf grass				
7	Grandstand	3	0.28	lb ai/a	12	fl oz/a	3 dPREFL				
7	Permit	75	0.0234	lb ai/a	0.5	oz/a	3 dPREFL				
7	Agridex		1.25	% v/v	24	fl oz/a	3 dPREFL				
7	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	7 dAFL				
7	Agridex		2.5	% v/v	48	fl oz/a	7 dAFL				

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Department of Agronomy and Environmental Management

Pest Code	BRAPP	BRAPP	BRAPP	BRAPP
Rating Date	25/Jun/2006	5/Jun/2006	20/Jun/2006	6/Jul/2006
Rating Data Type	CONTROL	CONTROL	CONTROL	CONTROL
Rating Unit	%	%	%	%
Trt-Eval Interval	23da1-3L	7daPRFL	13daPOFL	20daLPFL

Trt No.	Treatment Name	Form Conc	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage				
8	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	95ab	70c	83b	51c
8	Grandstand	3	0.28	lb ai/a	12	fl oz/a	3 dPREFL				
8	Permit	75	0.0234	lb ai/a	0.5	oz/a	3 dPREFL				
8	Agridex		1.25	% v/v	24	fl oz/a	3 dPREFL				
9	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	94ab	70c	90a	98a
9	Grandstand	3	0.28	lb ai/a	12	fl oz/a	3 dPREFL				
9	Permit	75	0.0234	lb ai/a	0.5	oz/a	3 dPREFL				
9	Agridex		1.25	% v/v	24	fl oz/a	3 dPREFL				
9	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	7 dAFL				
9	Agridex		2.5	% v/v	48	fl oz/a	7 dAFL				
10	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	97ab	80b	94a	98a
10	Grasp	2	0.0313	lb ai/a	2	fl oz/a	3 dPREFL				
10	Agridex		2.5	% v/v	48	fl oz/a	3 dPREFL				
10	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	7 dAFL				
10	Agridex		2.5	% v/v	48	fl oz/a	7 dAFL				
11	Command	3	0.3	lb ai/a	12.8	fl oz/a	1-3 lf grass	97ab	89ab	90a	98a
11	Clincher	2.38	0.25	lb ai/a	13.5	fl oz/a	1-3 lf grass				
11	Agridex		2.5	% v/v	48	fl oz/a	1-3 lf grass				
11	Grandstand	3	0.28	lb ai/a	12	fl oz/a	3 dPREFL				
11	Agridex		1.25	% v/v	24	fl oz/a	3 dPREFL				
11	Grasp	2	0.039	lb ai/a	2.5	fl oz/a	7 dAFL				
11	Agridex		2.5	% v/v	48	fl oz/a	7 dAFL				
12	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	93b	65c	90a	98a
12	Grandstand	3	0.28	lb ai/a	12	fl oz/a	3 dPREFL				
12	Permit	75	0.0234	lb ai/a	0.5	oz/a	3 dPREFL				
12	Agridex		1.25	% v/v	24	fl oz/a	3 dPREFL				
12	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	7 dAFL				
12	Agridex		2.5	% v/v	48	fl oz/a	7 dAFL				
12	Clincher	2.38	0.25	lb ai/a	13.5	fl oz/a	17 dAFL				
12	Agridex		2.5	% v/v	48	fl oz/a	17 dAFL				
LSD (P=.05)								5.2	9.5	6.5	6.7
Standard Deviation								3.6	6.6	4.5	4.6
CV								3.75	8.11	5.15	5.12

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

LSU AgCenter

Department of Agronomy and Environmental Management

Clincher Pre-flood and Post-flood in Rice

Trial ID: C06-11
 Location: RRS-Crowley, LA

								LEFPA	LEFPA	LEFPA	LEFPA
								25/Jun/2006	5/Jun/2006	20/Jun/2006	6/Jul/2006
								CONTROL	CONTROL	CONTROL	CONTROL
								%	%	%	%
								23da1-3L	7daPRFL	13daPOFL	20daLPFL
Trt No.	Treatment Name	Form Conc	Rate	Other Rate	Other Rate	Other Unit	Growth Stage				
1	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	96a	83bc	35e	59c
2	Command	3	0.3	lb ai/a	12.8	fl oz/a	1-3 lf grass	97a	88ab	86abc	90a
2	Clincher	2.38	0.186	lb ai/a	10	fl oz/a	1-3 lf grass				
2	Agridex		2.5	% v/v	48	fl oz/a	1-3 lf grass				
2	Grandstand	3	0.28	lb ai/a	12	fl oz/a	3 dPREFL				
2	Permit	75	0.0234	lb ai/a	0.5	oz/a	3 dPREFL				
2	Agridex		1.25	% v/v	24	fl oz/a	3 dPREFL				
3	Command	3	0.3	lb ai/a	12.8	fl oz/a	1-3 lf grass	98a	90a	90ab	94a
3	Clincher	2.38	0.25	lb ai/a	13.5	fl oz/a	1-3 lf grass				
3	Agridex		2.5	% v/v	48	fl oz/a	1-3 lf grass				
3	Grandstand	3	0.28	lb ai/a	12	fl oz/a	3 dPREFL				
3	Permit	75	0.0234	lb ai/a	0.5	oz/a	3 dPREFL				
3	Agridex		1.25	% v/v	24	fl oz/a	3 dPREFL				
4	Command	3	0.3	lb ai/a	12.8	fl oz/a	1-3 lf grass	98a	90a	93a	96a
4	Clincher	2.38	0.186	lb ai/a	10	fl oz/a	1-3 lf grass				
4	Agridex		2.5	% v/v	48	fl oz/a	1-3 lf grass				
4	Grandstand	3	0.28	lb ai/a	12	fl oz/a	3 dPREFL				
4	Permit	75	0.0234	lb ai/a	0.5	oz/a	3 dPREFL				
4	Agridex		1.25	% v/v	24	fl oz/a	3 dPREFL				
4	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	7 dAFL				
4	Agridex		2.5	% v/v	48	fl oz/a	7 dAFL				
5	Facet	75	0.375	lb ai/a	0.5	lb/a	1-3 lf grass	98a	85abc	73d	68bc
5	Clincher	2.38	0.186	lb ai/a	10	fl oz/a	1-3 lf grass				
5	Agridex		2.5	% v/v	48	fl oz/a	1-3 lf grass				
5	Grandstand	3	0.28	lb ai/a	12	fl oz/a	3 dPREFL				
5	Permit	75	0.0234	lb ai/a	0.5	oz/a	3 dPREFL				
5	Agridex		1.25	% v/v	24	fl oz/a	3 dPREFL				
6	Facet	75	0.375	lb ai/a	0.5	lb/a	1-3 lf grass	98a	90a	80bcd	70b
6	Clincher	2.38	0.25	lb ai/a	13.5	fl oz/a	1-3 lf grass				
6	Agridex		2.5	% v/v	48	fl oz/a	1-3 lf grass				
6	Grandstand	3	0.28	lb ai/a	12	fl oz/a	3 dPREFL				
6	Permit	75	0.0234	lb ai/a	0.5	oz/a	3 dPREFL				
6	Agridex		1.25	% v/v	24	fl oz/a	3 dPREFL				
7	Facet	75	0.375	lb ai/a	0.5	lb/a	1-3 lf grass	98a	88ab	91a	92a
7	Clincher	2.38	0.186	lb ai/a	10	fl oz/a	1-3 lf grass				
7	Agridex		2.5	% v/v	48	fl oz/a	1-3 lf grass				
7	Grandstand	3	0.28	lb ai/a	12	fl oz/a	3 dPREFL				
7	Permit	75	0.0234	lb ai/a	0.5	oz/a	3 dPREFL				
7	Agridex		1.25	% v/v	24	fl oz/a	3 dPREFL				
7	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	7 dAFL				
7	Agridex		2.5	% v/v	48	fl oz/a	7 dAFL				

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Department of Agronomy and Environmental Management

Pest Code	LEFPA	LEFPA	LEFPA	LEFPA
Rating Date	25/Jun/2006	5/Jun/2006	20/Jun/2006	6/Jul/2006
Rating Data Type	CONTROL	CONTROL	CONTROL	CONTROL
Rating Unit	%	%	%	%
Trt-Eval Interval	23da1-3L	7daPRFL	13daPOFL	20daLPFL

Trt No.	Treatment Name	Form Conc	Rate	Unit	Other Rate	Other Unit	Growth Stage				
8	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	97a	80c	75cd	49d
8	Grandstand	3	0.28	lb ai/a	12	fl oz/a	3 dPREFL				
8	Permit	75	0.0234	lb ai/a	0.5	oz/a	3 dPREFL				
8	Agridex		1.25	% v/v	24	fl oz/a	3 dPREFL				
9	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	97a	85abc	90ab	95a
9	Grandstand	3	0.28	lb ai/a	12	fl oz/a	3 dPREFL				
9	Permit	75	0.0234	lb ai/a	0.5	oz/a	3 dPREFL				
9	Agridex		1.25	% v/v	24	fl oz/a	3 dPREFL				
9	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	7 dAFL				
9	Agridex		2.5	% v/v	48	fl oz/a	7 dAFL				
10	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	98a	88ab	91a	98a
10	Grasp	2	0.0313	lb ai/a	2	fl oz/a	3 dPREFL				
10	Agridex		2.5	% v/v	48	fl oz/a	3 dPREFL				
10	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	7 dAFL				
10	Agridex		2.5	% v/v	48	fl oz/a	7 dAFL				
11	Command	3	0.3	lb ai/a	12.8	fl oz/a	1-3 lf grass	97a	90a	89ab	93a
11	Clincher	2.38	0.25	lb ai/a	13.5	fl oz/a	1-3 lf grass				
11	Agridex		2.5	% v/v	48	fl oz/a	1-3 lf grass				
11	Grandstand	3	0.28	lb ai/a	12	fl oz/a	3 dPREFL				
11	Agridex		1.25	% v/v	24	fl oz/a	3 dPREFL				
11	Grasp	2	0.039	lb ai/a	2.5	fl oz/a	7 dAFL				
11	Agridex		2.5	% v/v	48	fl oz/a	7 dAFL				
12	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	96a	89ab	90ab	98a
12	Grandstand	3	0.28	lb ai/a	12	fl oz/a	3 dPREFL				
12	Permit	75	0.0234	lb ai/a	0.5	oz/a	3 dPREFL				
12	Agridex		1.25	% v/v	24	fl oz/a	3 dPREFL				
12	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	7 dAFL				
12	Agridex		2.5	% v/v	48	fl oz/a	7 dAFL				
12	Clincher	2.38	0.25	lb ai/a	13.5	fl oz/a	17 dAFL				
12	Agridex		2.5	% v/v	48	fl oz/a	17 dAFL				
LSD (P=.05)								2.3	6.3	11.1	9.1
Standard Deviation								1.6	4.4	7.7	6.3
CV								1.66	5.04	9.36	7.58

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

LSU AgCenter

Department of Agronomy and Environmental Management

Clincher Pre-flood and Post-flood in Rice

Trial ID: C06-11
 Location: RRS-Crowley, LA

								CYPES	CYPES	CYPIR	CYPIR
								25/Jun/2006	5/Jun/2006	25/Jun/2006	5/Jun/2006
								CONTROL	CONTROL	CONTROL	CONTROL
								%	%	%	%
								23da1-3L	7daPRFL	23da1-3L	7daPRFL
Trt No.	Treatment Name	Form Conc	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage				
1	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	0c	68d	0d	70b
2	Command	3	0.3	lb ai/a	12.8	fl oz/a	1-3 lf grass	0c	79bc	55bc	84a
2	Clincher	2.38	0.186	lb ai/a	10	fl oz/a	1-3 lf grass				
2	Agridex		2.5	% v/v	48	fl oz/a	1-3 lf grass				
2	Grandstand	3	0.28	lb ai/a	12	fl oz/a	3 dPREFL				
2	Permit	75	0.0234	lb ai/a	0.5	oz/a	3 dPREFL				
2	Agridex		1.25	% v/v	24	fl oz/a	3 dPREFL				
3	Command	3	0.3	lb ai/a	12.8	fl oz/a	1-3 lf grass	0c	81abc	58b	85a
3	Clincher	2.38	0.25	lb ai/a	13.5	fl oz/a	1-3 lf grass				
3	Agridex		2.5	% v/v	48	fl oz/a	1-3 lf grass				
3	Grandstand	3	0.28	lb ai/a	12	fl oz/a	3 dPREFL				
3	Permit	75	0.0234	lb ai/a	0.5	oz/a	3 dPREFL				
3	Agridex		1.25	% v/v	24	fl oz/a	3 dPREFL				
4	Command	3	0.3	lb ai/a	12.8	fl oz/a	1-3 lf grass	0c	78c	53bc	80ab
4	Clincher	2.38	0.186	lb ai/a	10	fl oz/a	1-3 lf grass				
4	Agridex		2.5	% v/v	48	fl oz/a	1-3 lf grass				
4	Grandstand	3	0.28	lb ai/a	12	fl oz/a	3 dPREFL				
4	Permit	75	0.0234	lb ai/a	0.5	oz/a	3 dPREFL				
4	Agridex		1.25	% v/v	24	fl oz/a	3 dPREFL				
4	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	7 dAFL				
4	Agridex		2.5	% v/v	48	fl oz/a	7 dAFL				
5	Facet	75	0.375	lb ai/a	0.5	lb/a	1-3 lf grass	33b	85ab	75a	85a
5	Clincher	2.38	0.186	lb ai/a	10	fl oz/a	1-3 lf grass				
5	Agridex		2.5	% v/v	48	fl oz/a	1-3 lf grass				
5	Grandstand	3	0.28	lb ai/a	12	fl oz/a	3 dPREFL				
5	Permit	75	0.0234	lb ai/a	0.5	oz/a	3 dPREFL				
5	Agridex		1.25	% v/v	24	fl oz/a	3 dPREFL				
6	Facet	75	0.375	lb ai/a	0.5	lb/a	1-3 lf grass	50a	84abc	83a	90a
6	Clincher	2.38	0.25	lb ai/a	13.5	fl oz/a	1-3 lf grass				
6	Agridex		2.5	% v/v	48	fl oz/a	1-3 lf grass				
6	Grandstand	3	0.28	lb ai/a	12	fl oz/a	3 dPREFL				
6	Permit	75	0.0234	lb ai/a	0.5	oz/a	3 dPREFL				
6	Agridex		1.25	% v/v	24	fl oz/a	3 dPREFL				
7	Facet	75	0.375	lb ai/a	0.5	lb/a	1-3 lf grass	35b	83abc	75a	85a
7	Clincher	2.38	0.186	lb ai/a	10	fl oz/a	1-3 lf grass				
7	Agridex		2.5	% v/v	48	fl oz/a	1-3 lf grass				
7	Grandstand	3	0.28	lb ai/a	12	fl oz/a	3 dPREFL				
7	Permit	75	0.0234	lb ai/a	0.5	oz/a	3 dPREFL				
7	Agridex		1.25	% v/v	24	fl oz/a	3 dPREFL				
7	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	7 dAFL				
7	Agridex		2.5	% v/v	48	fl oz/a	7 dAFL				

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Department of Agronomy and Environmental Management

Pest Code				CYPES	CYPES	CYPIR	CYPIR				
Rating Date				25/Jun/2006	5/Jun/2006	25/Jun/2006	5/Jun/2006				
Rating Data Type				CONTROL	CONTROL	CONTROL	CONTROL				
Rating Unit				%	%	%	%				
Trt-Eval Interval				23da1-3L	7daPRFL	23da1-3L	7daPRFL				
Trt No.	Treatment Name	Form Conc	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage				
8	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	0c	70d	0d	84a
8	Grandstand	3	0.28	lb ai/a	12	fl oz/a	3 dPREFL				
8	Permit	75	0.0234	lb ai/a	0.5	oz/a	3 dPREFL				
8	Agridex		1.25	% v/v	24	fl oz/a	3 dPREFL				
9	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	35b	81abc	58b	88a
9	Grandstand	3	0.28	lb ai/a	12	fl oz/a	3 dPREFL				
9	Permit	75	0.0234	lb ai/a	0.5	oz/a	3 dPREFL				
9	Agridex		1.25	% v/v	24	fl oz/a	3 dPREFL				
9	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	7 dAFL				
9	Agridex		2.5	% v/v	48	fl oz/a	7 dAFL				
10	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	0c	84abc	43c	85a
10	Grasp	2	0.0313	lb ai/a	2	fl oz/a	3 dPREFL				
10	Agridex		2.5	% v/v	48	fl oz/a	3 dPREFL				
10	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	7 dAFL				
10	Agridex		2.5	% v/v	48	fl oz/a	7 dAFL				
11	Command	3	0.3	lb ai/a	12.8	fl oz/a	1-3 lf grass	0c	81abc	58b	83a
11	Clincher	2.38	0.25	lb ai/a	13.5	fl oz/a	1-3 lf grass				
11	Agridex		2.5	% v/v	48	fl oz/a	1-3 lf grass				
11	Grandstand	3	0.28	lb ai/a	12	fl oz/a	3 dPREFL				
11	Agridex		1.25	% v/v	24	fl oz/a	3 dPREFL				
11	Grasp	2	0.039	lb ai/a	2.5	fl oz/a	7 dAFL				
11	Agridex		2.5	% v/v	48	fl oz/a	7 dAFL				
12	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	0c	88a	50bc	88a
12	Grandstand	3	0.28	lb ai/a	12	fl oz/a	3 dPREFL				
12	Permit	75	0.0234	lb ai/a	0.5	oz/a	3 dPREFL				
12	Agridex		1.25	% v/v	24	fl oz/a	3 dPREFL				
12	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	7 dAFL				
12	Agridex		2.5	% v/v	48	fl oz/a	7 dAFL				
12	Clincher	2.38	0.25	lb ai/a	13.5	fl oz/a	17 dAFL				
12	Agridex		2.5	% v/v	48	fl oz/a	17 dAFL				
LSD (P=.05)								6.2	6.5	14.6	10.1
Standard Deviation								4.3	4.5	10.1	7.0
CV								33.61	5.62	20.06	8.38

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

LSU AgCenter

Department of Agronomy and Environmental Management

Clincher Pre-flood and Post-flood in Rice

Trial ID: C06-11
 Location: RRS-Crowley, LA

Pest Code								ALRPH	ALRPH	ALRPH	ALRPH
Rating Date								25/Jun/2006	5/Jun/2006	20/Jun/2006	6/Jul/2006
Rating Data Type								CONTROL	CONTROL	CONTROL	CONTROL
Rating Unit								%	%	%	%
Trt No.	Treatment Name	Form Conc	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage				
1	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	0a	48c	50d	0f
2	Command	3	0.3	lb ai/a	12.8	fl oz/a	1-3 lf grass	0a	85ab	90a	55d
2	Clincher	2.38	0.186	lb ai/a	10	fl oz/a	1-3 lf grass				
2	Agridex		2.5	% v/v	48	fl oz/a	1-3 lf grass				
2	Grandstand	3	0.28	lb ai/a	12	fl oz/a	3 dPREFL				
2	Permit	75	0.0234	lb ai/a	0.5	oz/a	3 dPREFL				
2	Agridex		1.25	% v/v	24	fl oz/a	3 dPREFL				
3	Command	3	0.3	lb ai/a	12.8	fl oz/a	1-3 lf grass	0a	88a	89ab	85a
3	Clincher	2.38	0.25	lb ai/a	13.5	fl oz/a	1-3 lf grass				
3	Agridex		2.5	% v/v	48	fl oz/a	1-3 lf grass				
3	Grandstand	3	0.28	lb ai/a	12	fl oz/a	3 dPREFL				
3	Permit	75	0.0234	lb ai/a	0.5	oz/a	3 dPREFL				
3	Agridex		1.25	% v/v	24	fl oz/a	3 dPREFL				
4	Command	3	0.3	lb ai/a	12.8	fl oz/a	1-3 lf grass	0a	81ab	86ab	56cd
4	Clincher	2.38	0.186	lb ai/a	10	fl oz/a	1-3 lf grass				
4	Agridex		2.5	% v/v	48	fl oz/a	1-3 lf grass				
4	Grandstand	3	0.28	lb ai/a	12	fl oz/a	3 dPREFL				
4	Permit	75	0.0234	lb ai/a	0.5	oz/a	3 dPREFL				
4	Agridex		1.25	% v/v	24	fl oz/a	3 dPREFL				
4	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	7 dAFL				
4	Agridex		2.5	% v/v	48	fl oz/a	7 dAFL				
5	Facet	75	0.375	lb ai/a	0.5	lb/a	1-3 lf grass	0a	88a	84b	65bc
5	Clincher	2.38	0.186	lb ai/a	10	fl oz/a	1-3 lf grass				
5	Agridex		2.5	% v/v	48	fl oz/a	1-3 lf grass				
5	Grandstand	3	0.28	lb ai/a	12	fl oz/a	3 dPREFL				
5	Permit	75	0.0234	lb ai/a	0.5	oz/a	3 dPREFL				
5	Agridex		1.25	% v/v	24	fl oz/a	3 dPREFL				
6	Facet	75	0.375	lb ai/a	0.5	lb/a	1-3 lf grass	0a	88a	85ab	89a
6	Clincher	2.38	0.25	lb ai/a	13.5	fl oz/a	1-3 lf grass				
6	Agridex		2.5	% v/v	48	fl oz/a	1-3 lf grass				
6	Grandstand	3	0.28	lb ai/a	12	fl oz/a	3 dPREFL				
6	Permit	75	0.0234	lb ai/a	0.5	oz/a	3 dPREFL				
6	Agridex		1.25	% v/v	24	fl oz/a	3 dPREFL				
7	Facet	75	0.375	lb ai/a	0.5	lb/a	1-3 lf grass	0a	89a	86ab	68b
7	Clincher	2.38	0.186	lb ai/a	10	fl oz/a	1-3 lf grass				
7	Agridex		2.5	% v/v	48	fl oz/a	1-3 lf grass				
7	Grandstand	3	0.28	lb ai/a	12	fl oz/a	3 dPREFL				
7	Permit	75	0.0234	lb ai/a	0.5	oz/a	3 dPREFL				
7	Agridex		1.25	% v/v	24	fl oz/a	3 dPREFL				
7	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	7 dAFL				
7	Agridex		2.5	% v/v	48	fl oz/a	7 dAFL				
8	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	0a	78b	78c	58cd
8	Grandstand	3	0.28	lb ai/a	12	fl oz/a	3 dPREFL				
8	Permit	75	0.0234	lb ai/a	0.5	oz/a	3 dPREFL				
8	Agridex		1.25	% v/v	24	fl oz/a	3 dPREFL				

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Department of Agronomy and Environmental Management

Pest Code				ALRPH	ALRPH	ALRPH	ALRPH				
Rating Date				25/Jun/2006	5/Jun/2006	20/Jun/2006	6/Jul/2006				
Rating Data Type				CONTROL	CONTROL	CONTROL	CONTROL				
Rating Unit				%	%	%	%				
Trt No.	Treatment Name	Form Conc	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage				
9	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	0a	80ab	85ab	53de
9	Grandstand	3	0.28	lb ai/a	12	fl oz/a	3 dPREFL				
9	Permit	75	0.0234	lb ai/a	0.5	oz/a	3 dPREFL				
9	Agridex		1.25	% v/v	24	fl oz/a	3 dPREFL				
9	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	7 dAFL				
9	Agridex		2.5	% v/v	48	fl oz/a	7 dAFL				
10	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	0a	89a	88ab	91a
10	Grasp	2	0.0313	lb ai/a	2	fl oz/a	3 dPREFL				
10	Agridex		2.5	% v/v	48	fl oz/a	3 dPREFL				
10	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	7 dAFL				
10	Agridex		2.5	% v/v	48	fl oz/a	7 dAFL				
11	Command	3	0.3	lb ai/a	12.8	fl oz/a	1-3 lf grass	0a	85ab	89ab	65bc
11	Clincher	2.38	0.25	lb ai/a	13.5	fl oz/a	1-3 lf grass				
11	Agridex		2.5	% v/v	48	fl oz/a	1-3 lf grass				
11	Grandstand	3	0.28	lb ai/a	12	fl oz/a	3 dPREFL				
11	Agridex		1.25	% v/v	24	fl oz/a	3 dPREFL				
11	Grasp	2	0.039	lb ai/a	2.5	fl oz/a	7 dAFL				
11	Agridex		2.5	% v/v	48	fl oz/a	7 dAFL				
12	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	0a	85ab	86ab	45e
12	Grandstand	3	0.28	lb ai/a	12	fl oz/a	3 dPREFL				
12	Permit	75	0.0234	lb ai/a	0.5	oz/a	3 dPREFL				
12	Agridex		1.25	% v/v	24	fl oz/a	3 dPREFL				
12	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	7 dAFL				
12	Agridex		2.5	% v/v	48	fl oz/a	7 dAFL				
12	Clincher	2.38	0.25	lb ai/a	13.5	fl oz/a	17 dAFL				
12	Agridex		2.5	% v/v	48	fl oz/a	17 dAFL				
LSD (P=.05)								0.0	9.1	6.1	9.8
Standard Deviation								0.0	6.3	4.2	6.8
CV								0.0	7.71	5.07	11.12

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

LSU AgCenter

Department of Agronomy and Environmental Management

Clincher Pre-flood and Post-flood in Rice

Trial ID: C06-11
 Location: RRS-Crowley, LA

Pest Code				RICE		RICE		RICE		RICE	
Rating Date				25/Jun/2006		5/Jun/2006		20/Jun/2006		6/Jul/2006	
Rating Data Type				INJURY		INJURY		INJURY		INJURY	
Rating Unit				%		%		%		%	
Trt-Eval Interval				23da1-3L		7daPRFL		13daPOFL		20daLPFL	
Trt No.	Treatment Name	Form Conc	Rate	Other Unit	Other Rate	Other Unit	Growth Stage				
1	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	0a	0a	0a	0a
2	Command	3	0.3	lb ai/a	12.8	fl oz/a	1-3 lf grass	0a	0a	0a	0a
2	Clincher	2.38	0.186	lb ai/a	10	fl oz/a	1-3 lf grass				
2	Agridex		2.5	% v/v	48	fl oz/a	1-3 lf grass				
2	Grandstand	3	0.28	lb ai/a	12	fl oz/a	3 dPREFL				
2	Permit	75	0.0234	lb ai/a	0.5	oz/a	3 dPREFL				
2	Agridex		1.25	% v/v	24	fl oz/a	3 dPREFL				
3	Command	3	0.3	lb ai/a	12.8	fl oz/a	1-3 lf grass	0a	0a	0a	0a
3	Clincher	2.38	0.25	lb ai/a	13.5	fl oz/a	1-3 lf grass				
3	Agridex		2.5	% v/v	48	fl oz/a	1-3 lf grass				
3	Grandstand	3	0.28	lb ai/a	12	fl oz/a	3 dPREFL				
3	Permit	75	0.0234	lb ai/a	0.5	oz/a	3 dPREFL				
3	Agridex		1.25	% v/v	24	fl oz/a	3 dPREFL				
4	Command	3	0.3	lb ai/a	12.8	fl oz/a	1-3 lf grass	0a	0a	0a	0a
4	Clincher	2.38	0.186	lb ai/a	10	fl oz/a	1-3 lf grass				
4	Agridex		2.5	% v/v	48	fl oz/a	1-3 lf grass				
4	Grandstand	3	0.28	lb ai/a	12	fl oz/a	3 dPREFL				
4	Permit	75	0.0234	lb ai/a	0.5	oz/a	3 dPREFL				
4	Agridex		1.25	% v/v	24	fl oz/a	3 dPREFL				
4	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	7 dAFL				
4	Agridex		2.5	% v/v	48	fl oz/a	7 dAFL				
5	Facet	75	0.375	lb ai/a	0.5	lb/a	1-3 lf grass	0a	0a	0a	0a
5	Clincher	2.38	0.186	lb ai/a	10	fl oz/a	1-3 lf grass				
5	Agridex		2.5	% v/v	48	fl oz/a	1-3 lf grass				
5	Grandstand	3	0.28	lb ai/a	12	fl oz/a	3 dPREFL				
5	Permit	75	0.0234	lb ai/a	0.5	oz/a	3 dPREFL				
5	Agridex		1.25	% v/v	24	fl oz/a	3 dPREFL				
6	Facet	75	0.375	lb ai/a	0.5	lb/a	1-3 lf grass	0a	0a	0a	0a
6	Clincher	2.38	0.25	lb ai/a	13.5	fl oz/a	1-3 lf grass				
6	Agridex		2.5	% v/v	48	fl oz/a	1-3 lf grass				
6	Grandstand	3	0.28	lb ai/a	12	fl oz/a	3 dPREFL				
6	Permit	75	0.0234	lb ai/a	0.5	oz/a	3 dPREFL				
6	Agridex		1.25	% v/v	24	fl oz/a	3 dPREFL				
7	Facet	75	0.375	lb ai/a	0.5	lb/a	1-3 lf grass	0a	0a	0a	0a
7	Clincher	2.38	0.186	lb ai/a	10	fl oz/a	1-3 lf grass				
7	Agridex		2.5	% v/v	48	fl oz/a	1-3 lf grass				
7	Grandstand	3	0.28	lb ai/a	12	fl oz/a	3 dPREFL				
7	Permit	75	0.0234	lb ai/a	0.5	oz/a	3 dPREFL				
7	Agridex		1.25	% v/v	24	fl oz/a	3 dPREFL				
7	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	7 dAFL				
7	Agridex		2.5	% v/v	48	fl oz/a	7 dAFL				

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Pest Code				RICE		RICE		RICE		RICE	
Rating Date				25/Jun/2006		5/Jun/2006		20/Jun/2006		6/Jul/2006	
Rating Data Type				INJURY		INJURY		INJURY		INJURY	
Rating Unit				%		%		%		%	
Trt-Eval Interval				23da1-3L		7daPRFL		13daPOFL		20daLPFL	
Trt No.	Treatment Name	Form Conc	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage				
8	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	0a		0a	0a
8	Grandstand	3	0.28	lb ai/a	12	fl oz/a	3 dPREFL				0a
8	Permit	75	0.0234	lb ai/a	0.5	oz/a	3 dPREFL				
8	Agridex		1.25	% v/v	24	fl oz/a	3 dPREFL				
9	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	0a		0a	0a
9	Grandstand	3	0.28	lb ai/a	12	fl oz/a	3 dPREFL				0a
9	Permit	75	0.0234	lb ai/a	0.5	oz/a	3 dPREFL				
9	Agridex		1.25	% v/v	24	fl oz/a	3 dPREFL				
9	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	7 dAFL				
9	Agridex		2.5	% v/v	48	fl oz/a	7 dAFL				
10	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	0a		0a	0a
10	Grasp	2	0.0313	lb ai/a	2	fl oz/a	3 dPREFL				
10	Agridex		2.5	% v/v	48	fl oz/a	3 dPREFL				
10	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	7 dAFL				
10	Agridex		2.5	% v/v	48	fl oz/a	7 dAFL				
11	Command	3	0.3	lb ai/a	12.8	fl oz/a	1-3 lf grass	0a		0a	0a
11	Clincher	2.38	0.25	lb ai/a	13.5	fl oz/a	1-3 lf grass				
11	Agridex		2.5	% v/v	48	fl oz/a	1-3 lf grass				
11	Grandstand	3	0.28	lb ai/a	12	fl oz/a	3 dPREFL				
11	Agridex		1.25	% v/v	24	fl oz/a	3 dPREFL				
11	Grasp	2	0.039	lb ai/a	2.5	fl oz/a	7 dAFL				
11	Agridex		2.5	% v/v	48	fl oz/a	7 dAFL				
12	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	0a		0a	0a
12	Grandstand	3	0.28	lb ai/a	12	fl oz/a	3 dPREFL				
12	Permit	75	0.0234	lb ai/a	0.5	oz/a	3 dPREFL				
12	Agridex		1.25	% v/v	24	fl oz/a	3 dPREFL				
12	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	7 dAFL				
12	Agridex		2.5	% v/v	48	fl oz/a	7 dAFL				
12	Clincher	2.38	0.25	lb ai/a	13.5	fl oz/a	17 dAFL				
12	Agridex		2.5	% v/v	48	fl oz/a	17 dAFL				
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

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

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Department of Agronomy and Environmental Management

Clincher Pre-flood and Post-flood in Rice

Trial ID: C06-11
 Location: RRS-Crowley, LA

Pest Code	Rating Date	Rating Data Type	Rating Unit	RICE		RICE		RICE		
				14/Aug/2006		14/Aug/2006		14/Aug/2006		
				Avg Height		Yield		Yield		
				cm		Bu/A		lb/A		
Trt No.	Treatment Name	Form Conc	Rate	Other Rate	Other Rate	Growth Stage				
1	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	95d	48c	2139c
2	Command	3	0.3	lb ai/a	12.8	fl oz/a	1-3 lf grass	103abc	109a	4918a
2	Clincher	2.38	0.186	lb ai/a	10	fl oz/a	1-3 lf grass			
2	Agridex		2.5	% v/v	48	fl oz/a	1-3 lf grass			
2	Grandstand	3	0.28	lb ai/a	12	fl oz/a	3 dPREFL			
2	Permit	75	0.0234	lb ai/a	0.5	oz/a	3 dPREFL			
2	Agridex		1.25	% v/v	24	fl oz/a	3 dPREFL			
3	Command	3	0.3	lb ai/a	12.8	fl oz/a	1-3 lf grass	104abc	114a	5146a
3	Clincher	2.38	0.25	lb ai/a	13.5	fl oz/a	1-3 lf grass			
3	Agridex		2.5	% v/v	48	fl oz/a	1-3 lf grass			
3	Grandstand	3	0.28	lb ai/a	12	fl oz/a	3 dPREFL			
3	Permit	75	0.0234	lb ai/a	0.5	oz/a	3 dPREFL			
3	Agridex		1.25	% v/v	24	fl oz/a	3 dPREFL			
4	Command	3	0.3	lb ai/a	12.8	fl oz/a	1-3 lf grass	104abc	119a	5353a
4	Clincher	2.38	0.186	lb ai/a	10	fl oz/a	1-3 lf grass			
4	Agridex		2.5	% v/v	48	fl oz/a	1-3 lf grass			
4	Grandstand	3	0.28	lb ai/a	12	fl oz/a	3 dPREFL			
4	Permit	75	0.0234	lb ai/a	0.5	oz/a	3 dPREFL			
4	Agridex		1.25	% v/v	24	fl oz/a	3 dPREFL			
4	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	7 dAFL			
4	Agridex		2.5	% v/v	48	fl oz/a	7 dAFL			
5	Facet	75	0.375	lb ai/a	0.5	lb/a	1-3 lf grass	104abc	108a	4875a
5	Clincher	2.38	0.186	lb ai/a	10	fl oz/a	1-3 lf grass			
5	Agridex		2.5	% v/v	48	fl oz/a	1-3 lf grass			
5	Grandstand	3	0.28	lb ai/a	12	fl oz/a	3 dPREFL			
5	Permit	75	0.0234	lb ai/a	0.5	oz/a	3 dPREFL			
5	Agridex		1.25	% v/v	24	fl oz/a	3 dPREFL			
6	Facet	75	0.375	lb ai/a	0.5	lb/a	1-3 lf grass	105ab	114a	5145a
6	Clincher	2.38	0.25	lb ai/a	13.5	fl oz/a	1-3 lf grass			
6	Agridex		2.5	% v/v	48	fl oz/a	1-3 lf grass			
6	Grandstand	3	0.28	lb ai/a	12	fl oz/a	3 dPREFL			
6	Permit	75	0.0234	lb ai/a	0.5	oz/a	3 dPREFL			
6	Agridex		1.25	% v/v	24	fl oz/a	3 dPREFL			
7	Facet	75	0.375	lb ai/a	0.5	lb/a	1-3 lf grass	106a	121a	5441a
7	Clincher	2.38	0.186	lb ai/a	10	fl oz/a	1-3 lf grass			
7	Agridex		2.5	% v/v	48	fl oz/a	1-3 lf grass			
7	Grandstand	3	0.28	lb ai/a	12	fl oz/a	3 dPREFL			
7	Permit	75	0.0234	lb ai/a	0.5	oz/a	3 dPREFL			
7	Agridex		1.25	% v/v	24	fl oz/a	3 dPREFL			
7	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	7 dAFL			
7	Agridex		2.5	% v/v	48	fl oz/a	7 dAFL			
8	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	99cd	78b	3523b
8	Grandstand	3	0.28	lb ai/a	12	fl oz/a	3 dPREFL			
8	Permit	75	0.0234	lb ai/a	0.5	oz/a	3 dPREFL			
8	Agridex		1.25	% v/v	24	fl oz/a	3 dPREFL			

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Pest Code							RICE	RICE	RICE	
Rating Date							14/Aug/2006	14/Aug/2006	14/Aug/2006	
Rating Data Type							Avg Height	Yield	Yield	
Rating Unit							cm	Bu/A	lb/A	
Trt No.	Treatment Name	Form Conc	Rate	Unit	Other Rate	Other Unit	Growth Stage			
9	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	101a-d	109a	4889a
9	Grandstand	3	0.28	lb ai/a	12	fl oz/a	3 dPREFL			
9	Permit	75	0.0234	lb ai/a	0.5	oz/a	3 dPREFL			
9	Agridex		1.25	% v/v	24	fl oz/a	3 dPREFL			
9	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	7 dAFL			
9	Agridex		2.5	% v/v	48	fl oz/a	7 dAFL			
10	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	106a	118a	5290a
10	Grasp	2	0.0313	lb ai/a	2	fl oz/a	3 dPREFL			
10	Agridex		2.5	% v/v	48	fl oz/a	3 dPREFL			
10	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	7 dAFL			
10	Agridex		2.5	% v/v	48	fl oz/a	7 dAFL			
11	Command	3	0.3	lb ai/a	12.8	fl oz/a	1-3 lf grass	102abc	110a	4965a
11	Clincher	2.38	0.25	lb ai/a	13.5	fl oz/a	1-3 lf grass			
11	Agridex		2.5	% v/v	48	fl oz/a	1-3 lf grass			
11	Grandstand	3	0.28	lb ai/a	12	fl oz/a	3 dPREFL			
11	Agridex		1.25	% v/v	24	fl oz/a	3 dPREFL			
11	Grasp	2	0.039	lb ai/a	2.5	fl oz/a	7 dAFL			
11	Agridex		2.5	% v/v	48	fl oz/a	7 dAFL			
12	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	100bcd	116a	5202a
12	Grandstand	3	0.28	lb ai/a	12	fl oz/a	3 dPREFL			
12	Permit	75	0.0234	lb ai/a	0.5	oz/a	3 dPREFL			
12	Agridex		1.25	% v/v	24	fl oz/a	3 dPREFL			
12	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	7 dAFL			
12	Agridex		2.5	% v/v	48	fl oz/a	7 dAFL			
12	Clincher	2.38	0.25	lb ai/a	13.5	fl oz/a	17 dAFL			
12	Agridex		2.5	% v/v	48	fl oz/a	17 dAFL			
LSD (P=.05)							6.0	16.7	751.3	
Standard Deviation							4.1	11.6	520.3	
CV							4.06	10.98	10.98	

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

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Newpath Rate and Timing Combinations

Experiment number.....:	C06-13		
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	04/18/06		
Harvest date.....:	08/21/06		
Crop/Variety	Rice/CL 131		
Emergence date.....:	05/01/06		
Uniform std. treatment.....:	N/A		
Application type.....:	DPRE	VEPOT	MPOT
Date applied [mm/dd/yy] ...:	5/2/06	5/8/06	5/17/06
Time [hh:mm-hh:mm].....:	2:25-2:35 p	12:15-12:40 p	11:25-11:40 a
Incorporation equip./Depth:	N/A	N/A	N/A
Air/Soil temperature [F]	87/81	82/80	77/78
Relative humidity [%].....:	48	71	40
Wind [mph, direction]	0-1 E	3-6 S	8-10 NW
Weather [sunny, etc]	pt cloudy	cloudy	sunny
Soil/Leaf surface moist.....:	wet/dry	wet/dry	dry/dry
Crop stage/Height	spike/0.5	4-5 lf/3-5"	3-4lf/3-5"
Sprayer type/MPH.....:	CO ₂ BkPk/3.0	CO ₂ BkPk/3.0	CO ₂ BkPk/3.0
Nozzle type/Size	AMFF/110015	AMFF/110015	AMFF/110015
Boom ht/# Noz/Spacing ...:	18"/5/15"	15"/5/15"	18"/5/15"
GPA/PSI.....:	15/28	15/25	15/28
Applied by	Griffin	Webster	Griffin
Weed Species (population):-----	(height/#leaves)-----		
ORYSA(100-120 m ⁻²).....:	0.5-2"/1-2 lf	3-5"/2-5 lf	4-6"/3-4lf
AESIN (10-15 m ⁻²).....:		0.5-1"/1-2 lf	2-3"/1-3 lf
COMDI(2-4 m ⁻²)		0.5-1"/ 1 lf	1-2"/1-2lf
ECHCG(50-75 m ⁻²)	0.5-1"/ 1-2 lf	0.5-1"/1-2 lf	2-4"/2-4lf
CYPES (50-60 m ⁻²)		3-5"/3-5 lf	3-6"/3-6lf
CYPIR (30-40 m ⁻²)			1-3"/3-6lf
Flush Dates.....:	4/20, 5/18		
Permanent Flood	6/1		

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Newpath Rate and Timing Combinations

Trial ID: C06-13
 Location: RRS-Crowley, LA

Pest Code	ORYSA	ORYSA	ORYSA
Rating Date	25/May/2006	8/Jun/2006	20/Jun/2006
Rating Data Type	CONTROL	CONTROL	CONTROL
Rating Unit	%	%	%
Trt-Eval Interval	8daMPOT	21daMPOT	33daMPOT

Trt No.	Treatment Name	Form Conc	Rate	Other Rate	Other Rate	Growth Unit	Stage			
1	Nontreated						0d	0c	0d	
2	Command	3	0.4	lb ai/a	17	fl oz/a	DPRE	94a	89b	94ab
2	Newpath	2	0.0625	lb ai/a	4	fl oz/a	DPRE			
2	Newpath	2	0.0625	lb ai/a	4	fl oz/a	MPOT			
3	Command	3	0.4	lb ai/a	17	fl oz/a	DPRE	94a	93a	94ab
3	Newpath	2	0.094	lb ai/a	6	fl oz/a	DPRE			
3	Newpath	2	0.094	lb ai/a	6	fl oz/a	MPOT			
4	Facet	75	0.31	lb ai/a	0.413	lb/a	DPRE	91ab	91ab	95a
4	Newpath	2	0.0625	lb ai/a	4	fl oz/a	DPRE			
4	Newpath	2	0.0625	lb ai/a	4	fl oz/a	MPOT			
5	Facet	75	0.31	lb ai/a	0.413	lb/a	DPRE	91ab	90ab	94ab
5	Newpath	2	0.094	lb ai/a	6	fl oz/a	DPRE			
5	Newpath	2	0.094	lb ai/a	6	fl oz/a	MPOT			
6	Clearpath	75	0.375	lb ai/a	0.5	lb/a	DPRE	94a	90ab	94ab
6	Newpath	2	0.0625	lb ai/a	4	fl oz/a	MPOT			
7	Clearpath	75	0.375	lb ai/a	0.5	lb/a	DPRE	93ab	90ab	95a
7	Newpath	2	0.0312	lb ai/a	2	fl oz/a	DPRE			
7	Newpath	2	0.094	lb ai/a	6	fl oz/a	MPOT			
8	Prowl EC	3.3	1	lb ai/a	38.8	fl oz/a	DPRE	93ab	90ab	95a
8	Newpath	2	0.0625	lb ai/a	4	fl oz/a	DPRE			
8	Newpath	2	0.0625	lb ai/a	4	fl oz/a	MPOT			
9	Prowl EC	3.3	1	lb ai/a	38.8	fl oz/a	DPRE	91ab	90ab	95a
9	Newpath	2	0.094	lb ai/a	6	fl oz/a	DPRE			
9	Newpath	2	0.094	lb ai/a	6	fl oz/a	MPOT			
10	Prowl H2O	3.8	1	lb ai/a	33.7	fl oz/a	DPRE	93ab	90ab	94ab
10	Newpath	2	0.0625	lb ai/a	4	fl oz/a	DPRE			
10	Newpath	2	0.0625	lb ai/a	4	fl oz/a	MPOT			
11	Prowl H2O	3.8	1	lb ai/a	33.7	fl oz/a	DPRE	93ab	89b	93abc
11	Newpath	2	0.094	lb ai/a	6	fl oz/a	DPRE			
11	Newpath	2	0.094	lb ai/a	6	fl oz/a	MPOT			
12	Command	3	0.4	lb ai/a	17	fl oz/a	VEPOT	86abc	90ab	91bc
12	Newpath	2	0.0625	lb ai/a	4	fl oz/a	VEPOT			
12	Newpath	2	0.0625	lb ai/a	4	fl oz/a	MPOT			
13	Command	3	0.4	lb ai/a	17	fl oz/a	VEPOT	85bc	89b	91c
13	Newpath	2	0.094	lb ai/a	6	fl oz/a	VEPOT			
13	Newpath	2	0.094	lb ai/a	6	fl oz/a	MPOT			

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Pest Code	ORYSA	ORYSA	ORYSA
Rating Date	25/May/2006	8/Jun/2006	20/Jun/2006
Rating Data Type	CONTROL	CONTROL	CONTROL
Rating Unit	%	%	%
Trt-Eval Interval	8daMPOT	21daMPOT	33daMPOT

Trt No.	Treatment Name	Form Conc	Rate	Unit	Other Rate	Other Rate	Unit	Growth Stage			
14	Facet	75	0.31	lb ai/a	0.413	lb/a		VEPOT	80c	90ab	93abc
14	Newpath	2	0.0625	lb ai/a	4	fl oz/a		VEPOT			
14	Newpath	2	0.0625	lb ai/a	4	fl oz/a		MPOT			
15	Facet	75	0.31	lb ai/a	0.413	lb/a		VEPOT	81c	91ab	95a
15	Newpath	2	0.094	lb ai/a	6	fl oz/a		VEPOT			
15	Newpath	2	0.094	lb ai/a	6	fl oz/a		MPOT			
16	Clearpath	75	0.375	lb ai/a	0.5	lb/a		VEPOT	80c	89b	94ab
16	Newpath	2	0.0625	lb ai/a	4	fl oz/a		MPOT			
17	Clearpath	75	0.375	lb ai/a	0.5	lb/a		VEPOT	80c	90ab	94ab
17	Newpath	2	0.0313	lb ai/a	2	fl oz/a		VEPOT			
17	Newpath	2	0.094	lb ai/a	6	fl oz/a		MPOT			
18	Prowl EC	3.3	1	lb ai/a	38.8	fl oz/a		VEPOT	86abc	90ab	95a
18	Newpath	2	0.0625	lb ai/a	4	fl oz/a		VEPOT			
18	Newpath	2	0.0625	lb ai/a	4	fl oz/a		MPOT			
19	Prowl EC	3.3	1	lb ai/a	38.8	fl oz/a		VEPOT	81c	89b	95a
19	Newpath	2	0.094	lb ai/a	6	fl oz/a		VEPOT			
19	Newpath	2	0.094	lb ai/a	6	fl oz/a		MPOT			
20	Prowl H2O	3.8	1	lb ai/a	33.7	fl oz/a		VEPOT	85bc	89b	92bc
20	Newpath	2	0.0625	lb ai/a	4	fl oz/a		VEPOT			
20	Newpath	2	0.0625	lb ai/a	4	fl oz/a		MPOT			
21	Prowl H2O	3.8	1	lb ai/a	33.7	fl oz/a		VEPOT	88abc	90ab	95a
21	Newpath	2	0.094	lb ai/a	6	fl oz/a		VEPOT			
21	Newpath	2	0.094	lb ai/a	6	fl oz/a		MPOT			

LSD (P=.05)	7.7	3.2	2.6
Standard Deviation	5.4	2.3	1.8
CV	6.5	2.66	2.06

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

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Department of Agronomy and Environmental Management

Newpath Rate and Timing Combinations

Trial ID: C06-13
 Location: RRS-Crowley, LA

Pest Code		ECHCG		ECHCG		ECHCG	
Rating Date		25/May/2006		8/Jun/2006		20/Jun/2006	
Rating Data Type		CONTROL		CONTROL		CONTROL	
Rating Unit		%		%		%	
Trt-Eval Interval		8daMPOT		21daMPOT		33daMPOT	
Trt No.	Treatment Name	Form Conc	Rate	Other Rate	Other Rate	Growth Unit	Stage
1	Nontreated						0c
2	Command	3	0.4	lb ai/a 17	fl oz/a	DPRE	94ab
2	Newpath	2	0.0625	lb ai/a 4	fl oz/a	DPRE	90a
2	Newpath	2	0.0625	lb ai/a 4	fl oz/a	MPOT	94ab
3	Command	3	0.4	lb ai/a 17	fl oz/a	DPRE	93b
3	Newpath	2	0.094	lb ai/a 6	fl oz/a	DPRE	90a
3	Newpath	2	0.094	lb ai/a 6	fl oz/a	MPOT	94ab
4	Facet	75	0.31	lb ai/a 0.413	lb/a	DPRE	95a
4	Newpath	2	0.0625	lb ai/a 4	fl oz/a	DPRE	90a
4	Newpath	2	0.0625	lb ai/a 4	fl oz/a	MPOT	94ab
5	Facet	75	0.31	lb ai/a 0.413	lb/a	DPRE	95a
5	Newpath	2	0.094	lb ai/a 6	fl oz/a	DPRE	90a
5	Newpath	2	0.094	lb ai/a 6	fl oz/a	MPOT	93ab
6	Clearpath	75	0.375	lb ai/a 0.5	lb/a	DPRE	95a
6	Newpath	2	0.0625	lb ai/a 4	fl oz/a	MPOT	90a
7	Clearpath	75	0.375	lb ai/a 0.5	lb/a	DPRE	95a
7	Newpath	2	0.0312	lb ai/a 2	fl oz/a	DPRE	90a
7	Newpath	2	0.094	lb ai/a 6	fl oz/a	MPOT	95a
8	Prowl EC	3.3	1	lb ai/a 38.8	fl oz/a	DPRE	95a
8	Newpath	2	0.0625	lb ai/a 4	fl oz/a	DPRE	90a
8	Newpath	2	0.0625	lb ai/a 4	fl oz/a	MPOT	94ab
9	Prowl EC	3.3	1	lb ai/a 38.8	fl oz/a	DPRE	94ab
9	Newpath	2	0.094	lb ai/a 6	fl oz/a	DPRE	90a
9	Newpath	2	0.094	lb ai/a 6	fl oz/a	MPOT	95a
10	Prowl H2O	3.8	1	lb ai/a 33.7	fl oz/a	DPRE	95a
10	Newpath	2	0.0625	lb ai/a 4	fl oz/a	DPRE	90a
10	Newpath	2	0.0625	lb ai/a 4	fl oz/a	MPOT	94ab
11	Prowl H2O	3.8	1	lb ai/a 33.7	fl oz/a	DPRE	95a
11	Newpath	2	0.094	lb ai/a 6	fl oz/a	DPRE	90a
11	Newpath	2	0.094	lb ai/a 6	fl oz/a	MPOT	94ab
12	Command	3	0.4	lb ai/a 17	fl oz/a	VEPOT	95a
12	Newpath	2	0.0625	lb ai/a 4	fl oz/a	VEPOT	90a
12	Newpath	2	0.0625	lb ai/a 4	fl oz/a	MPOT	91b
13	Command	3	0.4	lb ai/a 17	fl oz/a	VEPOT	95a
13	Newpath	2	0.094	lb ai/a 6	fl oz/a	VEPOT	90a
13	Newpath	2	0.094	lb ai/a 6	fl oz/a	MPOT	91b

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Pest Code	ECHCG	ECHCG	ECHCG
Rating Date	25/May/2006	8/Jun/2006	20/Jun/2006
Rating Data Type	CONTROL	CONTROL	CONTROL
Rating Unit	%	%	%
Trt-Eval Interval	8daMPOT	21daMPOT	33daMPOT

Trt No.	Treatment Name	Form Conc	Rate	Unit	Other Rate	Other Rate Unit	Growth Stage			
14	Facet	75	0.31	lb ai/a	0.413	lb/a	VEPOT	95a	90a	93ab
14	Newpath	2	0.0625	lb ai/a	4	fl oz/a	VEPOT			
14	Newpath	2	0.0625	lb ai/a	4	fl oz/a	MPOT			
15	Facet	75	0.31	lb ai/a	0.413	lb/a	VEPOT	95a	90a	95a
15	Newpath	2	0.094	lb ai/a	6	fl oz/a	VEPOT			
15	Newpath	2	0.094	lb ai/a	6	fl oz/a	MPOT			
16	Clearpath	75	0.375	lb ai/a	0.5	lb/a	VEPOT	95a	90a	94ab
16	Newpath	2	0.0625	lb ai/a	4	fl oz/a	MPOT			
17	Clearpath	75	0.375	lb ai/a	0.5	lb/a	VEPOT	95a	90a	94ab
17	Newpath	2	0.0313	lb ai/a	2	fl oz/a	VEPOT			
17	Newpath	2	0.094	lb ai/a	6	fl oz/a	MPOT			
18	Prowl EC	3.3	1	lb ai/a	38.8	fl oz/a	VEPOT	95a	90a	95a
18	Newpath	2	0.0625	lb ai/a	4	fl oz/a	VEPOT			
18	Newpath	2	0.0625	lb ai/a	4	fl oz/a	MPOT			
19	Prowl EC	3.3	1	lb ai/a	38.8	fl oz/a	VEPOT	95a	90a	95a
19	Newpath	2	0.094	lb ai/a	6	fl oz/a	VEPOT			
19	Newpath	2	0.094	lb ai/a	6	fl oz/a	MPOT			
20	Prowl H2O	3.8	1	lb ai/a	33.7	fl oz/a	VEPOT	95a	90a	93ab
20	Newpath	2	0.0625	lb ai/a	4	fl oz/a	VEPOT			
20	Newpath	2	0.0625	lb ai/a	4	fl oz/a	MPOT			
21	Prowl H2O	3.8	1	lb ai/a	33.7	fl oz/a	VEPOT	95a	90a	95a
21	Newpath	2	0.094	lb ai/a	6	fl oz/a	VEPOT			
21	Newpath	2	0.094	lb ai/a	6	fl oz/a	MPOT			
LSD (P=.05)								1.4	0.0	2.7
Standard Deviation								1.0	0.0	1.9
CV								1.13	0.0	2.12

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

LSU AgCenter

Department of Agronomy and Environmental Management

Newpath Rate and Timing Combinations

Trial ID: C06-13
 Location: RRS-Crowley, LA

Pest Code		CYPES		CYPES		CYPES	
Rating Date		25/May/2006		8/Jun/2006		20/Jun/2006	
Rating Data Type		CONTROL		CONTROL		CONTROL	
Rating Unit		%		%		%	
Trt-Eval Interval		8daMPOT		21daMPOT		33daMPOT	
Trt No.	Treatment Name	Form Conc	Rate	Other Unit	Other Rate	Growth Unit	Stage
1	Nontreated					0e	0d 0c
2	Command	3	0.4	lb ai/a	17 fl oz/a	DPRE	89ab 83c 93ab
2	Newpath	2	0.0625	lb ai/a	4 fl oz/a	DPRE	
2	Newpath	2	0.0625	lb ai/a	4 fl oz/a	MPOT	
3	Command	3	0.4	lb ai/a	17 fl oz/a	DPRE	88abc 89ab 94ab
3	Newpath	2	0.094	lb ai/a	6 fl oz/a	DPRE	
3	Newpath	2	0.094	lb ai/a	6 fl oz/a	MPOT	
4	Facet	75	0.31	lb ai/a	0.413 lb/a	DPRE	85bcd 89ab 94ab
4	Newpath	2	0.0625	lb ai/a	4 fl oz/a	DPRE	
4	Newpath	2	0.0625	lb ai/a	4 fl oz/a	MPOT	
5	Facet	75	0.31	lb ai/a	0.413 lb/a	DPRE	88abc 90a 91b
5	Newpath	2	0.094	lb ai/a	6 fl oz/a	DPRE	
5	Newpath	2	0.094	lb ai/a	6 fl oz/a	MPOT	
6	Clearpath	75	0.375	lb ai/a	0.5 lb/a	DPRE	85bcd 90a 94ab
6	Newpath	2	0.0625	lb ai/a	4 fl oz/a	MPOT	
7	Clearpath	75	0.375	lb ai/a	0.5 lb/a	DPRE	91a 90a 93ab
7	Newpath	2	0.0312	lb ai/a	2 fl oz/a	DPRE	
7	Newpath	2	0.094	lb ai/a	6 fl oz/a	MPOT	
8	Prowl EC	3.3	1	lb ai/a	38.8 fl oz/a	DPRE	85bcd 88ab 93ab
8	Newpath	2	0.0625	lb ai/a	4 fl oz/a	DPRE	
8	Newpath	2	0.0625	lb ai/a	4 fl oz/a	MPOT	
9	Prowl EC	3.3	1	lb ai/a	38.8 fl oz/a	DPRE	86abc 88ab 95a
9	Newpath	2	0.094	lb ai/a	6 fl oz/a	DPRE	
9	Newpath	2	0.094	lb ai/a	6 fl oz/a	MPOT	
10	Prowl H2O	3.8	1	lb ai/a	33.7 fl oz/a	DPRE	85bcd 86abc 94ab
10	Newpath	2	0.0625	lb ai/a	4 fl oz/a	DPRE	
10	Newpath	2	0.0625	lb ai/a	4 fl oz/a	MPOT	
11	Prowl H2O	3.8	1	lb ai/a	33.7 fl oz/a	DPRE	86abc 89ab 91b
11	Newpath	2	0.094	lb ai/a	6 fl oz/a	DPRE	
11	Newpath	2	0.094	lb ai/a	6 fl oz/a	MPOT	
12	Command	3	0.4	lb ai/a	17 fl oz/a	VEPOT	84bcd 90a 91b
12	Newpath	2	0.0625	lb ai/a	4 fl oz/a	VEPOT	
12	Newpath	2	0.0625	lb ai/a	4 fl oz/a	MPOT	
13	Command	3	0.4	lb ai/a	17 fl oz/a	VEPOT	86abc 88ab 93ab
13	Newpath	2	0.094	lb ai/a	6 fl oz/a	VEPOT	
13	Newpath	2	0.094	lb ai/a	6 fl oz/a	MPOT	

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Pest Code	CYPES	CYPES	CYPES
Rating Date	25/May/2006	8/Jun/2006	20/Jun/2006
Rating Data Type	CONTROL	CONTROL	CONTROL
Rating Unit	%	%	%
Trt-Eval Interval	8daMPOT	21daMPOT	33daMPOT

Trt No.	Treatment Name	Form Conc	Rate	Unit	Other Rate	Other Rate	Unit	Growth Stage			
14	Facet	75	0.31	lb ai/a	0.413	lb/a		VEPOT	84bcd	89ab	93ab
14	Newpath	2	0.0625	lb ai/a	4	fl oz/a		VEPOT			
14	Newpath	2	0.0625	lb ai/a	4	fl oz/a		MPOT			
15	Facet	75	0.31	lb ai/a	0.413	lb/a		VEPOT	83cd	89ab	95a
15	Newpath	2	0.094	lb ai/a	6	fl oz/a		VEPOT			
15	Newpath	2	0.094	lb ai/a	6	fl oz/a		MPOT			
16	Clearpath	75	0.375	lb ai/a	0.5	lb/a		VEPOT	83cd	86abc	94ab
16	Newpath	2	0.0625	lb ai/a	4	fl oz/a		MPOT			
17	Clearpath	75	0.375	lb ai/a	0.5	lb/a		VEPOT	84bcd	88ab	94ab
17	Newpath	2	0.0313	lb ai/a	2	fl oz/a		VEPOT			
17	Newpath	2	0.094	lb ai/a	6	fl oz/a		MPOT			
18	Prowl EC	3.3	1	lb ai/a	38.8	fl oz/a		VEPOT	80d	85bc	95a
18	Newpath	2	0.0625	lb ai/a	4	fl oz/a		VEPOT			
18	Newpath	2	0.0625	lb ai/a	4	fl oz/a		MPOT			
19	Prowl EC	3.3	1	lb ai/a	38.8	fl oz/a		VEPOT	84bcd	90a	95a
19	Newpath	2	0.094	lb ai/a	6	fl oz/a		VEPOT			
19	Newpath	2	0.094	lb ai/a	6	fl oz/a		MPOT			
20	Prowl H2O	3.8	1	lb ai/a	33.7	fl oz/a		VEPOT	86abc	89ab	91b
20	Newpath	2	0.0625	lb ai/a	4	fl oz/a		VEPOT			
20	Newpath	2	0.0625	lb ai/a	4	fl oz/a		MPOT			
21	Prowl H2O	3.8	1	lb ai/a	33.7	fl oz/a		VEPOT	83cd	89ab	93ab
21	Newpath	2	0.094	lb ai/a	6	fl oz/a		VEPOT			
21	Newpath	2	0.094	lb ai/a	6	fl oz/a		MPOT			

LSD (P=.05)	5.0	4.5	3.3
Standard Deviation	3.6	3.2	2.3
CV	4.4	3.75	2.59

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

LSU AgCenter

Department of Agronomy and Environmental Management

Newpath Rate and Timing Combinations

Trial ID: C06-13
 Location: RRS-Crowley, LA

Pest Code	CYPIR	CYPIR	CYPIR
Rating Date	25/May/2006	8/Jun/2006	20/Jun/2006
Rating Data Type	CONTROL	CONTROL	CONTROL
Rating Unit	%	%	%
Trt-Eval Interval	8daMPOT	21daMPOT	33daMPOT

Trt No.	Treatment Name	Form Conc	Rate	Other Unit	Other Rate	Other Unit	Growth Stage	25/May/2006	8/Jun/2006	20/Jun/2006
1	Nontreated							0c	0b	0c
2	Command	3	0.4	lb ai/a	17	fl oz/a	DPRE	95a	90a	93ab
2	Newpath	2	0.0625	lb ai/a	4	fl oz/a	DPRE			
2	Newpath	2	0.0625	lb ai/a	4	fl oz/a	MPOT			
3	Command	3	0.4	lb ai/a	17	fl oz/a	DPRE	95a	90a	94ab
3	Newpath	2	0.094	lb ai/a	6	fl oz/a	DPRE			
3	Newpath	2	0.094	lb ai/a	6	fl oz/a	MPOT			
4	Facet	75	0.31	lb ai/a	0.413	lb/a	DPRE	95a	90a	94ab
4	Newpath	2	0.0625	lb ai/a	4	fl oz/a	DPRE			
4	Newpath	2	0.0625	lb ai/a	4	fl oz/a	MPOT			
5	Facet	75	0.31	lb ai/a	0.413	lb/a	DPRE	95a	90a	93ab
5	Newpath	2	0.094	lb ai/a	6	fl oz/a	DPRE			
5	Newpath	2	0.094	lb ai/a	6	fl oz/a	MPOT			
6	Clearpath	75	0.375	lb ai/a	0.5	lb/a	DPRE	95a	90a	94ab
6	Newpath	2	0.0625	lb ai/a	4	fl oz/a	MPOT			
7	Clearpath	75	0.375	lb ai/a	0.5	lb/a	DPRE	95a	90a	93ab
7	Newpath	2	0.0312	lb ai/a	2	fl oz/a	DPRE			
7	Newpath	2	0.094	lb ai/a	6	fl oz/a	MPOT			
8	Prowl EC	3.3	1	lb ai/a	38.8	fl oz/a	DPRE	95a	90a	93ab
8	Newpath	2	0.0625	lb ai/a	4	fl oz/a	DPRE			
8	Newpath	2	0.0625	lb ai/a	4	fl oz/a	MPOT			
9	Prowl EC	3.3	1	lb ai/a	38.8	fl oz/a	DPRE	95a	90a	95a
9	Newpath	2	0.094	lb ai/a	6	fl oz/a	DPRE			
9	Newpath	2	0.094	lb ai/a	6	fl oz/a	MPOT			
10	Prowl H2O	3.8	1	lb ai/a	33.7	fl oz/a	DPRE	95a	90a	94ab
10	Newpath	2	0.0625	lb ai/a	4	fl oz/a	DPRE			
10	Newpath	2	0.0625	lb ai/a	4	fl oz/a	MPOT			
11	Prowl H2O	3.8	1	lb ai/a	33.7	fl oz/a	DPRE	95a	90a	91b
11	Newpath	2	0.094	lb ai/a	6	fl oz/a	DPRE			
11	Newpath	2	0.094	lb ai/a	6	fl oz/a	MPOT			
12	Command	3	0.4	lb ai/a	17	fl oz/a	VEPOT	95a	90a	93ab
12	Newpath	2	0.0625	lb ai/a	4	fl oz/a	VEPOT			
12	Newpath	2	0.0625	lb ai/a	4	fl oz/a	MPOT			
13	Command	3	0.4	lb ai/a	17	fl oz/a	VEPOT	95a	90a	93ab
13	Newpath	2	0.094	lb ai/a	6	fl oz/a	VEPOT			
13	Newpath	2	0.094	lb ai/a	6	fl oz/a	MPOT			

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Pest Code	CYPIR	CYPIR	CYPIR
Rating Date	25/May/2006	8/Jun/2006	20/Jun/2006
Rating Data Type	CONTROL	CONTROL	CONTROL
Rating Unit	%	%	%
Trt-Eval Interval	8daMPOT	21daMPOT	33daMPOT

Trt No.	Treatment Name	Form Conc	Rate	Unit	Other Rate	Other Rate Unit	Growth Stage			
14	Facet	75	0.31	lb ai/a	0.413	lb/a	VEPOT	95a	90a	93ab
14	Newpath	2	0.0625	lb ai/a	4	fl oz/a	VEPOT			
14	Newpath	2	0.0625	lb ai/a	4	fl oz/a	MPOT			
15	Facet	75	0.31	lb ai/a	0.413	lb/a	VEPOT	95a	90a	94ab
15	Newpath	2	0.094	lb ai/a	6	fl oz/a	VEPOT			
15	Newpath	2	0.094	lb ai/a	6	fl oz/a	MPOT			
16	Clearpath	75	0.375	lb ai/a	0.5	lb/a	VEPOT	94b	90a	94ab
16	Newpath	2	0.0625	lb ai/a	4	fl oz/a	MPOT			
17	Clearpath	75	0.375	lb ai/a	0.5	lb/a	VEPOT	95a	90a	94ab
17	Newpath	2	0.0313	lb ai/a	2	fl oz/a	VEPOT			
17	Newpath	2	0.094	lb ai/a	6	fl oz/a	MPOT			
18	Prowl EC	3.3	1	lb ai/a	38.8	fl oz/a	VEPOT	95a	90a	95a
18	Newpath	2	0.0625	lb ai/a	4	fl oz/a	VEPOT			
18	Newpath	2	0.0625	lb ai/a	4	fl oz/a	MPOT			
19	Prowl EC	3.3	1	lb ai/a	38.8	fl oz/a	VEPOT	95a	90a	95a
19	Newpath	2	0.094	lb ai/a	6	fl oz/a	VEPOT			
19	Newpath	2	0.094	lb ai/a	6	fl oz/a	MPOT			
20	Prowl H2O	3.8	1	lb ai/a	33.7	fl oz/a	VEPOT	95a	90a	91b
20	Newpath	2	0.0625	lb ai/a	4	fl oz/a	VEPOT			
20	Newpath	2	0.0625	lb ai/a	4	fl oz/a	MPOT			
21	Prowl H2O	3.8	1	lb ai/a	33.7	fl oz/a	VEPOT	95a	90a	93ab
21	Newpath	2	0.094	lb ai/a	6	fl oz/a	VEPOT			
21	Newpath	2	0.094	lb ai/a	6	fl oz/a	MPOT			
LSD (P=.05)								0.8	0.0	3.4
Standard Deviation								0.5	0.0	2.4
CV								0.6	0.0	2.69

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

LSU AgCenter

Department of Agronomy and Environmental Management

Newpath Rate and Timing Combinations

Trial ID: C06-13
 Location: RRS-Crowley, LA

Pest Code	COMDI	COMDI	COMDI
Rating Date	25/May/2006	8/Jun/2006	20/Jun/2006
Rating Data Type	CONTROL	CONTROL	CONTROL
Rating Unit	%	%	%
Trt-Eval Interval	8daMPOT	21daMPOT	33daMPOT

Trt No.	Treatment Name	Form Conc	Rate	Other Unit	Other Rate	Other Unit	Growth Stage	8daMPOT	21daMPOT	33daMPOT
1	Nontreated						0d	0c	0c	
2	Command	3	0.4	lb ai/a	17	fl oz/a	DPRE	93a	91a	93ab
2	Newpath	2	0.0625	lb ai/a	4	fl oz/a	DPRE			
2	Newpath	2	0.0625	lb ai/a	4	fl oz/a	MPOT			
3	Command	3	0.4	lb ai/a	17	fl oz/a	DPRE	91ab	90b	94ab
3	Newpath	2	0.094	lb ai/a	6	fl oz/a	DPRE			
3	Newpath	2	0.094	lb ai/a	6	fl oz/a	MPOT			
4	Facet	75	0.31	lb ai/a	0.413	lb/a	DPRE	88bc	90b	93ab
4	Newpath	2	0.0625	lb ai/a	4	fl oz/a	DPRE			
4	Newpath	2	0.0625	lb ai/a	4	fl oz/a	MPOT			
5	Facet	75	0.31	lb ai/a	0.413	lb/a	DPRE	91ab	90b	91b
5	Newpath	2	0.094	lb ai/a	6	fl oz/a	DPRE			
5	Newpath	2	0.094	lb ai/a	6	fl oz/a	MPOT			
6	Clearpath	75	0.375	lb ai/a	0.5	lb/a	DPRE	89abc	90b	94ab
6	Newpath	2	0.0625	lb ai/a	4	fl oz/a	MPOT			
7	Clearpath	75	0.375	lb ai/a	0.5	lb/a	DPRE	91ab	90b	93ab
7	Newpath	2	0.0312	lb ai/a	2	fl oz/a	DPRE			
7	Newpath	2	0.094	lb ai/a	6	fl oz/a	MPOT			
8	Prowl EC	3.3	1	lb ai/a	38.8	fl oz/a	DPRE	89abc	90b	93ab
8	Newpath	2	0.0625	lb ai/a	4	fl oz/a	DPRE			
8	Newpath	2	0.0625	lb ai/a	4	fl oz/a	MPOT			
9	Prowl EC	3.3	1	lb ai/a	38.8	fl oz/a	DPRE	88bc	90b	95a
9	Newpath	2	0.094	lb ai/a	6	fl oz/a	DPRE			
9	Newpath	2	0.094	lb ai/a	6	fl oz/a	MPOT			
10	Prowl H2O	3.8	1	lb ai/a	33.7	fl oz/a	DPRE	89abc	90b	94ab
10	Newpath	2	0.0625	lb ai/a	4	fl oz/a	DPRE			
10	Newpath	2	0.0625	lb ai/a	4	fl oz/a	MPOT			
11	Prowl H2O	3.8	1	lb ai/a	33.7	fl oz/a	DPRE	89abc	90b	91b
11	Newpath	2	0.094	lb ai/a	6	fl oz/a	DPRE			
11	Newpath	2	0.094	lb ai/a	6	fl oz/a	MPOT			
12	Command	3	0.4	lb ai/a	17	fl oz/a	VEPOT	90abc	90b	93ab
12	Newpath	2	0.0625	lb ai/a	4	fl oz/a	VEPOT			
12	Newpath	2	0.0625	lb ai/a	4	fl oz/a	MPOT			
13	Command	3	0.4	lb ai/a	17	fl oz/a	VEPOT	93a	90b	93ab
13	Newpath	2	0.094	lb ai/a	6	fl oz/a	VEPOT			
13	Newpath	2	0.094	lb ai/a	6	fl oz/a	MPOT			

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Department of Agronomy and Environmental Management

Pest Code	COMDI	COMDI	COMDI
Rating Date	25/May/2006	8/Jun/2006	20/Jun/2006
Rating Data Type	CONTROL	CONTROL	CONTROL
Rating Unit	%	%	%
Trt-Eval Interval	8daMPOT	21daMPOT	33daMPOT

Trt No.	Treatment Name	Form Conc	Rate	Unit	Other Rate	Other Rate Unit	Growth Stage			
14	Facet	75	0.31	lb ai/a	0.413	lb/a	VEPOT	89abc	90b	93ab
14	Newpath	2	0.0625	lb ai/a	4	fl oz/a	VEPOT			
14	Newpath	2	0.0625	lb ai/a	4	fl oz/a	MPOT			
15	Facet	75	0.31	lb ai/a	0.413	lb/a	VEPOT	88bc	90b	95a
15	Newpath	2	0.094	lb ai/a	6	fl oz/a	VEPOT			
15	Newpath	2	0.094	lb ai/a	6	fl oz/a	MPOT			
16	Clearpath	75	0.375	lb ai/a	0.5	lb/a	VEPOT	88bc	90b	94ab
16	Newpath	2	0.0625	lb ai/a	4	fl oz/a	MPOT			
17	Clearpath	75	0.375	lb ai/a	0.5	lb/a	VEPOT	91ab	90b	94ab
17	Newpath	2	0.0313	lb ai/a	2	fl oz/a	VEPOT			
17	Newpath	2	0.094	lb ai/a	6	fl oz/a	MPOT			
18	Prowl EC	3.3	1	lb ai/a	38.8	fl oz/a	VEPOT	88bc	90b	94ab
18	Newpath	2	0.0625	lb ai/a	4	fl oz/a	VEPOT			
18	Newpath	2	0.0625	lb ai/a	4	fl oz/a	MPOT			
19	Prowl EC	3.3	1	lb ai/a	38.8	fl oz/a	VEPOT	86c	90b	95a
19	Newpath	2	0.094	lb ai/a	6	fl oz/a	VEPOT			
19	Newpath	2	0.094	lb ai/a	6	fl oz/a	MPOT			
20	Prowl H2O	3.8	1	lb ai/a	33.7	fl oz/a	VEPOT	89abc	90b	91b
20	Newpath	2	0.0625	lb ai/a	4	fl oz/a	VEPOT			
20	Newpath	2	0.0625	lb ai/a	4	fl oz/a	MPOT			
21	Prowl H2O	3.8	1	lb ai/a	33.7	fl oz/a	VEPOT	90abc	90b	93ab
21	Newpath	2	0.094	lb ai/a	6	fl oz/a	VEPOT			
21	Newpath	2	0.094	lb ai/a	6	fl oz/a	MPOT			
LSD (P=.05)								4.7	0.8	3.3
Standard Deviation								3.3	0.5	2.3
CV								3.92	0.64	2.65

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

LSU AgCenter

Department of Agronomy and Environmental Management

Newpath Rate and Timing Combinations

Trial ID: C06-13
 Location: RRS-Crowley, LA

Pest Code	AESIN	AESIN	AESIN
Rating Date	25/May/2006	8/Jun/2006	20/Jun/2006
Rating Data Type	CONTROL	CONTROL	CONTROL
Rating Unit	%	%	%
Trt-Eval Interval	8daMPOT	21daMPOT	33daMPOT

Trt No.	Treatment Name	Form Conc	Rate	Other Unit	Other Rate	Other Unit	Growth Stage	94ab	90a	94a
1	Nontreated						0c	0b	0d	
2	Command	3	0.4	lb ai/a	17	fl oz/a	DPRE	94ab	90a	94a
2	Newpath	2	0.0625	lb ai/a	4	fl oz/a	DPRE			
2	Newpath	2	0.0625	lb ai/a	4	fl oz/a	MPOT			
3	Command	3	0.4	lb ai/a	17	fl oz/a	DPRE	95a	90a	94a
3	Newpath	2	0.094	lb ai/a	6	fl oz/a	DPRE			
3	Newpath	2	0.094	lb ai/a	6	fl oz/a	MPOT			
4	Facet	75	0.31	lb ai/a	0.413	lb/a	DPRE	95a	90a	94a
4	Newpath	2	0.0625	lb ai/a	4	fl oz/a	DPRE			
4	Newpath	2	0.0625	lb ai/a	4	fl oz/a	MPOT			
5	Facet	75	0.31	lb ai/a	0.413	lb/a	DPRE	95a	89a	94a
5	Newpath	2	0.094	lb ai/a	6	fl oz/a	DPRE			
5	Newpath	2	0.094	lb ai/a	6	fl oz/a	MPOT			
6	Clearpath	75	0.375	lb ai/a	0.5	lb/a	DPRE	95a	90a	94a
6	Newpath	2	0.0625	lb ai/a	4	fl oz/a	MPOT			
7	Clearpath	75	0.375	lb ai/a	0.5	lb/a	DPRE	95a	90a	95a
7	Newpath	2	0.0312	lb ai/a	2	fl oz/a	DPRE			
7	Newpath	2	0.094	lb ai/a	6	fl oz/a	MPOT			
8	Prowl EC	3.3	1	lb ai/a	38.8	fl oz/a	DPRE	95a	89a	95a
8	Newpath	2	0.0625	lb ai/a	4	fl oz/a	DPRE			
8	Newpath	2	0.0625	lb ai/a	4	fl oz/a	MPOT			
9	Prowl EC	3.3	1	lb ai/a	38.8	fl oz/a	DPRE	93ab	88a	94a
9	Newpath	2	0.094	lb ai/a	6	fl oz/a	DPRE			
9	Newpath	2	0.094	lb ai/a	6	fl oz/a	MPOT			
10	Prowl H2O	3.8	1	lb ai/a	33.7	fl oz/a	DPRE	91b	90a	94a
10	Newpath	2	0.0625	lb ai/a	4	fl oz/a	DPRE			
10	Newpath	2	0.0625	lb ai/a	4	fl oz/a	MPOT			
11	Prowl H2O	3.8	1	lb ai/a	33.7	fl oz/a	DPRE	93ab	88a	88bc
11	Newpath	2	0.094	lb ai/a	6	fl oz/a	DPRE			
11	Newpath	2	0.094	lb ai/a	6	fl oz/a	MPOT			
12	Command	3	0.4	lb ai/a	17	fl oz/a	VEPOT	94ab	88a	91ab
12	Newpath	2	0.0625	lb ai/a	4	fl oz/a	VEPOT			
12	Newpath	2	0.0625	lb ai/a	4	fl oz/a	MPOT			
13	Command	3	0.4	lb ai/a	17	fl oz/a	VEPOT	94ab	88a	86bc
13	Newpath	2	0.094	lb ai/a	6	fl oz/a	VEPOT			
13	Newpath	2	0.094	lb ai/a	6	fl oz/a	MPOT			

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Pest Code	AESIN	AESIN	AESIN
Rating Date	25/May/2006	8/Jun/2006	20/Jun/2006
Rating Data Type	CONTROL	CONTROL	CONTROL
Rating Unit	%	%	%
Trt-Eval Interval	8daMPOT	21daMPOT	33daMPOT

Trt No.	Treatment Name	Form Conc	Rate	Unit	Other Rate	Other Unit	Growth Stage			
14	Facet	75	0.31	lb ai/a	0.413	lb/a	VEPOT	95a	90a	94a
14	Newpath	2	0.0625	lb ai/a	4	fl oz/a	VEPOT			
14	Newpath	2	0.0625	lb ai/a	4	fl oz/a	MPOT			
15	Facet	75	0.31	lb ai/a	0.413	lb/a	VEPOT	95a	90a	95a
15	Newpath	2	0.094	lb ai/a	6	fl oz/a	VEPOT			
15	Newpath	2	0.094	lb ai/a	6	fl oz/a	MPOT			
16	Clearpath	75	0.375	lb ai/a	0.5	lb/a	VEPOT	95a	89a	94a
16	Newpath	2	0.0625	lb ai/a	4	fl oz/a	MPOT			
17	Clearpath	75	0.375	lb ai/a	0.5	lb/a	VEPOT	95a	88a	94a
17	Newpath	2	0.0313	lb ai/a	2	fl oz/a	VEPOT			
17	Newpath	2	0.094	lb ai/a	6	fl oz/a	MPOT			
18	Prowl EC	3.3	1	lb ai/a	38.8	fl oz/a	VEPOT	95a	89a	95a
18	Newpath	2	0.0625	lb ai/a	4	fl oz/a	VEPOT			
18	Newpath	2	0.0625	lb ai/a	4	fl oz/a	MPOT			
19	Prowl EC	3.3	1	lb ai/a	38.8	fl oz/a	VEPOT	93ab	88a	95a
19	Newpath	2	0.094	lb ai/a	6	fl oz/a	VEPOT			
19	Newpath	2	0.094	lb ai/a	6	fl oz/a	MPOT			
20	Prowl H2O	3.8	1	lb ai/a	33.7	fl oz/a	VEPOT	93ab	90a	84c
20	Newpath	2	0.0625	lb ai/a	4	fl oz/a	VEPOT			
20	Newpath	2	0.0625	lb ai/a	4	fl oz/a	MPOT			
21	Prowl H2O	3.8	1	lb ai/a	33.7	fl oz/a	VEPOT	94ab	90a	95a
21	Newpath	2	0.094	lb ai/a	6	fl oz/a	VEPOT			
21	Newpath	2	0.094	lb ai/a	6	fl oz/a	MPOT			

LSD (P=.05)	3.2	3.7	5.0
Standard Deviation	2.3	2.6	3.5
CV	2.56	3.11	4.01

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

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Department of Agronomy and Environmental Management

Newpath Rate and Timing Combinations

Trial ID: C06-13
 Location: RRS-Crowley, LA

Pest Code	ECLAL	ECLAL	ECLAL
Rating Date	25/May/2006	8/Jun/2006	20/Jun/2006
Rating Data Type	CONTROL	CONTROL	CONTROL
Rating Unit	%	%	%
Trt-Eval Interval	8daMPOT	21daMPOT	33daMPOT

Trt No.	Treatment Name	Form Conc	Rate	Other Unit	Other Rate	Other Unit	Growth Stage	95a	90a	94a
1	Nontreated						0c	0c	0c	
2	Command	3	0.4	lb ai/a	17	fl oz/a	DPRE	95a	90a	93ab
2	Newpath	2	0.0625	lb ai/a	4	fl oz/a	DPRE			
2	Newpath	2	0.0625	lb ai/a	4	fl oz/a	MPOT			
3	Command	3	0.4	lb ai/a	17	fl oz/a	DPRE	95a	90a	94a
3	Newpath	2	0.094	lb ai/a	6	fl oz/a	DPRE			
3	Newpath	2	0.094	lb ai/a	6	fl oz/a	MPOT			
4	Facet	75	0.31	lb ai/a	0.413	lb/a	DPRE	95a	90a	93ab
4	Newpath	2	0.0625	lb ai/a	4	fl oz/a	DPRE			
4	Newpath	2	0.0625	lb ai/a	4	fl oz/a	MPOT			
5	Facet	75	0.31	lb ai/a	0.413	lb/a	DPRE	95a	90a	93ab
5	Newpath	2	0.094	lb ai/a	6	fl oz/a	DPRE			
5	Newpath	2	0.094	lb ai/a	6	fl oz/a	MPOT			
6	Clearpath	75	0.375	lb ai/a	0.5	lb/a	DPRE	95a	89a	94a
6	Newpath	2	0.0625	lb ai/a	4	fl oz/a	MPOT			
7	Clearpath	75	0.375	lb ai/a	0.5	lb/a	DPRE	94ab	90a	93ab
7	Newpath	2	0.0312	lb ai/a	2	fl oz/a	DPRE			
7	Newpath	2	0.094	lb ai/a	6	fl oz/a	MPOT			
8	Prowl EC	3.3	1	lb ai/a	38.8	fl oz/a	DPRE	95a	90a	95a
8	Newpath	2	0.0625	lb ai/a	4	fl oz/a	DPRE			
8	Newpath	2	0.0625	lb ai/a	4	fl oz/a	MPOT			
9	Prowl EC	3.3	1	lb ai/a	38.8	fl oz/a	DPRE	95a	90a	95a
9	Newpath	2	0.094	lb ai/a	6	fl oz/a	DPRE			
9	Newpath	2	0.094	lb ai/a	6	fl oz/a	MPOT			
10	Prowl H2O	3.8	1	lb ai/a	33.7	fl oz/a	DPRE	95a	90a	94a
10	Newpath	2	0.0625	lb ai/a	4	fl oz/a	DPRE			
10	Newpath	2	0.0625	lb ai/a	4	fl oz/a	MPOT			
11	Prowl H2O	3.8	1	lb ai/a	33.7	fl oz/a	DPRE	94ab	90a	89b
11	Newpath	2	0.094	lb ai/a	6	fl oz/a	DPRE			
11	Newpath	2	0.094	lb ai/a	6	fl oz/a	MPOT			
12	Command	3	0.4	lb ai/a	17	fl oz/a	VEPOT	95a	88ab	93ab
12	Newpath	2	0.0625	lb ai/a	4	fl oz/a	VEPOT			
12	Newpath	2	0.0625	lb ai/a	4	fl oz/a	MPOT			
13	Command	3	0.4	lb ai/a	17	fl oz/a	VEPOT	93b	90a	93ab
13	Newpath	2	0.094	lb ai/a	6	fl oz/a	VEPOT			
13	Newpath	2	0.094	lb ai/a	6	fl oz/a	MPOT			

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Pest Code	ECLAL	ECLAL	ECLAL
Rating Date	25/May/2006	8/Jun/2006	20/Jun/2006
Rating Data Type	CONTROL	CONTROL	CONTROL
Rating Unit	%	%	%
Trt-Eval Interval	8daMPOT	21daMPOT	33daMPOT

Trt No.	Treatment Name	Form Conc	Rate	Unit	Other Rate	Other Rate	Unit	Growth Stage			
14	Facet	75	0.31	lb ai/a	0.413	lb/a		VEPOT	95a	90a	93ab
14	Newpath	2	0.0625	lb ai/a	4	fl oz/a		VEPOT			
14	Newpath	2	0.0625	lb ai/a	4	fl oz/a		MPOT			
15	Facet	75	0.31	lb ai/a	0.413	lb/a		VEPOT	95a	90a	95a
15	Newpath	2	0.094	lb ai/a	6	fl oz/a		VEPOT			
15	Newpath	2	0.094	lb ai/a	6	fl oz/a		MPOT			
16	Clearpath	75	0.375	lb ai/a	0.5	lb/a		VEPOT	95a	90a	94a
16	Newpath	2	0.0625	lb ai/a	4	fl oz/a		MPOT			
17	Clearpath	75	0.375	lb ai/a	0.5	lb/a		VEPOT	95a	90a	94a
17	Newpath	2	0.0313	lb ai/a	2	fl oz/a		VEPOT			
17	Newpath	2	0.094	lb ai/a	6	fl oz/a		MPOT			
18	Prowl EC	3.3	1	lb ai/a	38.8	fl oz/a		VEPOT	95a	89a	94a
18	Newpath	2	0.0625	lb ai/a	4	fl oz/a		VEPOT			
18	Newpath	2	0.0625	lb ai/a	4	fl oz/a		MPOT			
19	Prowl EC	3.3	1	lb ai/a	38.8	fl oz/a		VEPOT	94ab	89a	95a
19	Newpath	2	0.094	lb ai/a	6	fl oz/a		VEPOT			
19	Newpath	2	0.094	lb ai/a	6	fl oz/a		MPOT			
20	Prowl H2O	3.8	1	lb ai/a	33.7	fl oz/a		VEPOT	94ab	85b	91ab
20	Newpath	2	0.0625	lb ai/a	4	fl oz/a		VEPOT			
20	Newpath	2	0.0625	lb ai/a	4	fl oz/a		MPOT			
21	Prowl H2O	3.8	1	lb ai/a	33.7	fl oz/a		VEPOT	95a	90a	93ab
21	Newpath	2	0.094	lb ai/a	6	fl oz/a		VEPOT			
21	Newpath	2	0.094	lb ai/a	6	fl oz/a		MPOT			
LSD (P=.05)									2.2	3.6	3.9
Standard Deviation									1.5	2.6	2.8
CV									1.72	3.01	3.13

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

LSU AgCenter

Department of Agronomy and Environmental Management

Newpath Rate and Timing Combinations

Trial ID: C06-13
 Location: RRS-Crowley, LA

Pest Code	RICE	RICE	RICE
Rating Date	21/Aug/2006	21/Aug/2006	21/Aug/2006
Rating Data Type	AVG HEIGHT	YIELD	YIELD
Rating Unit	cm	Bu/A	lb/A
Trt-Eval Interval	maturity		

Trt No.	Treatment Name	Form Conc	Rate	Other Rate	Other Rate	Growth Unit	Stage	AVG HEIGHT	YIELD	YIELD
1	Nontreated							0d	0d	0d
2	Command	3	0.4	lb ai/a 17	fl oz/a	DPRE		86c	110abc	4937abc
2	Newpath	2	0.0625	lb ai/a 4	fl oz/a	DPRE				
2	Newpath	2	0.0625	lb ai/a 4	fl oz/a	MPOT				
3	Command	3	0.4	lb ai/a 17	fl oz/a	DPRE		86c	106abc	4781abc
3	Newpath	2	0.094	lb ai/a 6	fl oz/a	DPRE				
3	Newpath	2	0.094	lb ai/a 6	fl oz/a	MPOT				
4	Facet	75	0.31	lb ai/a 0.413	lb/a	DPRE		86bc	115abc	5157abc
4	Newpath	2	0.0625	lb ai/a 4	fl oz/a	DPRE				
4	Newpath	2	0.0625	lb ai/a 4	fl oz/a	MPOT				
5	Facet	75	0.31	lb ai/a 0.413	lb/a	DPRE		87abc	107abc	4800abc
5	Newpath	2	0.094	lb ai/a 6	fl oz/a	DPRE				
5	Newpath	2	0.094	lb ai/a 6	fl oz/a	MPOT				
6	Clearpath	75	0.375	lb ai/a 0.5	lb/a	DPRE		87abc	119ab	5362ab
6	Newpath	2	0.0625	lb ai/a 4	fl oz/a	MPOT				
7	Clearpath	75	0.375	lb ai/a 0.5	lb/a	DPRE		89abc	112abc	5039abc
7	Newpath	2	0.0312	lb ai/a 2	fl oz/a	DPRE				
7	Newpath	2	0.094	lb ai/a 6	fl oz/a	MPOT				
8	Prowl EC	3.3	1	lb ai/a 38.8	fl oz/a	DPRE		92a	110abc	4964abc
8	Newpath	2	0.0625	lb ai/a 4	fl oz/a	DPRE				
8	Newpath	2	0.0625	lb ai/a 4	fl oz/a	MPOT				
9	Prowl EC	3.3	1	lb ai/a 38.8	fl oz/a	DPRE		88abc	118ab	5328ab
9	Newpath	2	0.094	lb ai/a 6	fl oz/a	DPRE				
9	Newpath	2	0.094	lb ai/a 6	fl oz/a	MPOT				
10	Prowl H2O	3.8	1	lb ai/a 33.7	fl oz/a	DPRE		86bc	110abc	4968abc
10	Newpath	2	0.0625	lb ai/a 4	fl oz/a	DPRE				
10	Newpath	2	0.0625	lb ai/a 4	fl oz/a	MPOT				
11	Prowl H2O	3.8	1	lb ai/a 33.7	fl oz/a	DPRE		87abc	109abc	4898abc
11	Newpath	2	0.094	lb ai/a 6	fl oz/a	DPRE				
11	Newpath	2	0.094	lb ai/a 6	fl oz/a	MPOT				
12	Command	3	0.4	lb ai/a 17	fl oz/a	VEPOT		86abc	115abc	5167abc
12	Newpath	2	0.0625	lb ai/a 4	fl oz/a	VEPOT				
12	Newpath	2	0.0625	lb ai/a 4	fl oz/a	MPOT				
13	Command	3	0.4	lb ai/a 17	fl oz/a	VEPOT		88abc	97c	4351c
13	Newpath	2	0.094	lb ai/a 6	fl oz/a	VEPOT				
13	Newpath	2	0.094	lb ai/a 6	fl oz/a	MPOT				

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Pest Code				RICE		RICE		RICE		
Rating Date				21/Aug/2006		21/Aug/2006		21/Aug/2006		
Rating Data Type				AVG HEIGHT		YIELD		YIELD		
Rating Unit				cm		Bu/A		lb/A		
Trt-Eval Interval				maturity						
Trt No.	Treatment Name	Form Conc	Rate	Other Rate	Other Rate	Growth Unit	Stage			
14	Facet	75	0.31	lb ai/a	0.413	lb/a	VEPOT	90abc	122a	5505a
14	Newpath	2	0.0625	lb ai/a	4	fl oz/a	VEPOT			
14	Newpath	2	0.0625	lb ai/a	4	fl oz/a	MPOT			
15	Facet	75	0.31	lb ai/a	0.413	lb/a	VEPOT	87abc	104bc	4674bc
15	Newpath	2	0.094	lb ai/a	6	fl oz/a	VEPOT			
15	Newpath	2	0.094	lb ai/a	6	fl oz/a	MPOT			
16	Clearpath	75	0.375	lb ai/a	0.5	lb/a	VEPOT	87abc	105abc	4738abc
16	Newpath	2	0.0625	lb ai/a	4	fl oz/a	MPOT			
17	Clearpath	75	0.375	lb ai/a	0.5	lb/a	VEPOT	89abc	119ab	5374ab
17	Newpath	2	0.0313	lb ai/a	2	fl oz/a	VEPOT			
17	Newpath	2	0.094	lb ai/a	6	fl oz/a	MPOT			
18	Prowl EC	3.3	1	lb ai/a	38.8	fl oz/a	VEPOT	88abc	110abc	4945abc
18	Newpath	2	0.0625	lb ai/a	4	fl oz/a	VEPOT			
18	Newpath	2	0.0625	lb ai/a	4	fl oz/a	MPOT			
19	Prowl EC	3.3	1	lb ai/a	38.8	fl oz/a	VEPOT	88abc	117ab	5251ab
19	Newpath	2	0.094	lb ai/a	6	fl oz/a	VEPOT			
19	Newpath	2	0.094	lb ai/a	6	fl oz/a	MPOT			
20	Prowl H2O	3.8	1	lb ai/a	33.7	fl oz/a	VEPOT	92ab	107abc	4793abc
20	Newpath	2	0.0625	lb ai/a	4	fl oz/a	VEPOT			
20	Newpath	2	0.0625	lb ai/a	4	fl oz/a	MPOT			
21	Prowl H2O	3.8	1	lb ai/a	33.7	fl oz/a	VEPOT	90abc	115ab	5190ab
21	Newpath	2	0.094	lb ai/a	6	fl oz/a	VEPOT			
21	Newpath	2	0.094	lb ai/a	6	fl oz/a	MPOT			
LSD (P=.05)								5.8	18.4	828.6
Standard Deviation								4.1	13.0	585.9
CV								4.86	12.28	12.28

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

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Department of Agronomy and Environmental Management

Ignite as a Growth Regulator in Rice

Experiment number.....: **C06-15**
 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: 04/03/06
 Harvest date.....: 08/14/06
 Crop/Variety: Rice/Trenasse
 Emergence date.....: 04/14/06
 Uniform std. treatment.....: N/A

Application type.....:	1-2 LF	2-3 LF	3-4 LF	4-5 LF
Date applied [mm/dd/yy] ...:	5/8/06	5/12/06	5/17/06	5/24/06
Time [hh:mm-hh:mm].....:	11:35-11:40a	7:30-7:70a	11:00-11:05a	9:55-10:05a
Incorporation equip./Depth:	N/A	N/A	N/A	N/A
Air/Soil temperature [F]	83/82	66/65	77/78	84/81
Relative humidity [%].....:	17	60	40	58
Wind [mph, direction]	4 SW	1-3 W	8-10 NW	3-4 SW
Weather [sunny, etc]	sunny	sunny	sunny	pt cloudy
Soil/Leaf surface moist.....:	moist/dry	dry/dry	dry/dry	moist/dry
Crop stage/Height	3-4 lf/5-6"	1-2 till/6-8"	4-5 lf/8-10"	1-2 till/6-8"
Sprayer type/MPH.....:	CO ₂ BkPk/3	CO ₂ BkPk/3	CO ₂ BkPk/3	CO ₂ BkPk/3
Nozzle type/Size	AMFF/110015	AMFF/110015	AMFF/110015	AMFF/110015
Boom ht/# Noz/Spacing ...:	18"/5/15"	18"/5/15"	18"/5/15"	18"/5/15"
GPA/PSI.....:	15/28	15/28	15/28	15/28
Applied by	Bottoms	Webster	Griffin	Zhang

Flush Dates.....: 4/6, 4/21, 5/19, 6/1
 Permanent Flood

LSU AgCenter
Department of Agronomy and Environmental Management

Ignite as a Growth Regulator in Rice

Experiment number.....: **C06-15**
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: 04/03/06
Harvest date.....: 08/14/06
Crop/Variety: Rice/Trenasse
Emergence date.....: 04/14/06
Uniform std. treatment.....: N/A

Application type.....: 5 LF-1 Till
Date applied [mm/dd/yy] ..: 5/30/06
Time [hh:mm-hh:mm]: 9:55-10:00a
Incorporation equip./Depth: N/A
Air/Soil temperature [F]: 79/80
Relative humidity [%].....: 75
Wind [mph, direction]: 2-3 NE
Weather [sunny, etc]: cloudy
Soil/Leaf surface moist.....: moist/dry
Crop stage/Height: 1-2 till/8-10"
Sprayer type/MPH.....: CO₂BkPk/3.0
Nozzle type/Size: AMFF/110015
Boom ht/# Noz/Spacing ...: 18"/5/15"
GPA/PSI.....: 15/22
Applied by: Griffin

Flush Dates.....: 4/6,4/21,5/19,6/1
Permanent Flood: 6/15

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Department of Agronomy and Environmental Management

Ignite as a Growth Regulator in Rice

Trial ID: C06-15
 Location: RRS-Crowley, LA

Pest Code	RICE	RICE	RICE
Rating Date	25/May/2006	5/Jun/2006	20/Jun/2006
Rating Data Type	INJURY	INJURY	INJURY
Rating Unit	%	%	%
Trt-Eval Interval	8da3-4LF	6da5LF	21da1Til

Trt No.	Treatment Name	Form Conc	Rate Rate	Other Unit	Other Rate	Other Unit	Growth Stage			
1	Ignite	2.34	0	lb ai/a	0	fl oz/a		0c	0a	0a
1	1-2 leaf						1-2 lf			
2	Ignite	2.34	0	lb ai/a	0	fl oz/a		0c	0a	0a
2	2-3 leaf						2-3 lf			
3	Ignite	2.34	0	lb ai/a	0	fl oz/a		0c	0a	0a
3	3-4 leaf						3-4 lf			
4	Ignite	2.34	0	lb ai/a	0	fl oz/a			0a	0a
4	4-5 leaf						4-5 lf			
5	Ignite	2.34	0	lb ai/a	0	fl oz/a			0a	0a
5	5 leaf-1 till						5 lf-1til			
6	Ignite	2.34	0.0275	lb ai/a	1.5	fl oz/a		0c	0a	0a
6	1-2 leaf						1-2 lf			
7	Ignite	2.34	0.0275	lb ai/a	1.5	fl oz/a		1bc	0a	0a
7	2-3 leaf						2-3 lf			
8	Ignite	2.34	0.0275	lb ai/a	1.5	fl oz/a		3bc	0a	0a
8	3-4 leaf						3-4 lf			
9	Ignite	2.34	0.0275	lb ai/a	1.5	fl oz/a			0a	0a
9	4-5 leaf						4-5 lf			
10	Ignite	2.34	0.0275	lb ai/a	1.5	fl oz/a			0a	0a
10	5 leaf-1 till						5 lf-1til			
11	Ignite	2.34	0.055	lb ai/a	3	fl oz/a		0c	0a	0a
11	1-2 leaf						1-2 lf			
12	Ignite	2.34	0.055	lb ai/a	3	fl oz/a		4b	0a	0a
12	2-3 leaf						2-3 lf			
13	Ignite	2.34	0.055	lb ai/a	3	fl oz/a		9a	0a	0a
13	3-4 leaf						3-4 lf			
14	Ignite	2.34	0.055	lb ai/a	3	fl oz/a			0a	0a
14	4-5 leaf						4-5 lf			
15	Ignite	2.34	0.055	lb ai/a	3	fl oz/a			0a	0a
15	5 leaf-1 till						5 lf-1til			
LSD (P=.05)								2.6	0.0	0.0
Standard Deviation								1.8	0.0	0.0
CV								97.0	0.0	0.0

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

LSU AgCenter

Department of Agronomy and Environmental Management

Ignite as a Growth Regulator in Rice

Trial ID: C06-15
 Location: RRS-Crowley, LA

Pest Code	RICE	RICE	RICE	RICE
Rating Date	25/May/2006	5/Jun/2006	20/Jun/2006	14/Aug/2006
Rating Data Type	AVG HEIGHT	AVG HEIGHT	AVG HEIGHT	AVG HEIGHT
Rating Unit	cm	cm	cm	cm
Trt-Eval Interval	8da3-4LF	6da5LF	21da1Til	maturity

Trt No.	Treatment Name	Form Conc	Rate	Other Rate	Other Rate	Growth Unit	Stage	25/May/2006	5/Jun/2006	20/Jun/2006	14/Aug/2006
1	Ignite	2.34	0	lb ai/a	0	fl oz/a		22a	39abc	63abc	100cd
1	1-2 leaf						1-2 lf				
2	Ignite	2.34	0	lb ai/a	0	fl oz/a		23a	43a	61abc	101a-d
2	2-3 leaf						2-3 lf				
3	Ignite	2.34	0	lb ai/a	0	fl oz/a		22a	38abc	61abc	102abc
3	3-4 leaf						3-4 lf				
4	Ignite	2.34	0	lb ai/a	0	fl oz/a			39abc	62abc	101a-d
4	4-5 leaf						4-5 lf				
5	Ignite	2.34	0	lb ai/a	0	fl oz/a			37c	59bc	102a-d
5	5 leaf-1 till						5 lf-1til				
6	Ignite	2.34	0.0275	lb ai/a	1.5	fl oz/a		22a	38abc	65a	103ab
6	1-2 leaf						1-2 lf				
7	Ignite	2.34	0.0275	lb ai/a	1.5	fl oz/a		22a	40abc	61abc	103abc
7	2-3 leaf						2-3 lf				
8	Ignite	2.34	0.0275	lb ai/a	1.5	fl oz/a		23a	40abc	64ab	102a-d
8	3-4 leaf						3-4 lf				
9	Ignite	2.34	0.0275	lb ai/a	1.5	fl oz/a			40abc	60abc	104ab
9	4-5 leaf						4-5 lf				
10	Ignite	2.34	0.0275	lb ai/a	1.5	fl oz/a			39abc	59bc	101a-d
10	5 leaf-1 till						5 lf-1til				
11	Ignite	2.34	0.055	lb ai/a	3	fl oz/a		22a	42ab	60abc	104a
11	1-2 leaf						1-2 lf				
12	Ignite	2.34	0.055	lb ai/a	3	fl oz/a		22a	37bc	63abc	103abc
12	2-3 leaf						2-3 lf				
13	Ignite	2.34	0.055	lb ai/a	3	fl oz/a		23a	38abc	62abc	103abc
13	3-4 leaf						3-4 lf				
14	Ignite	2.34	0.055	lb ai/a	3	fl oz/a			36c	61abc	100bcd
14	4-5 leaf						4-5 lf				
15	Ignite	2.34	0.055	lb ai/a	3	fl oz/a			38abc	58c	98d
15	5 leaf-1 till						5 lf-1til				
LSD (P=.05)								3.5	5.3	5.1	3.4
Standard Deviation								2.4	3.7	3.5	2.4
CV								10.7	9.56	5.77	2.37

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

LSU AgCenter

Department of Agronomy and Environmental Management

Ignite as a Growth Regulator in Rice

Trial ID: C06-15
 Location: RRS-Crowley, LA

Pest Code		RICE		RICE		RICE		RICE			
Rating Date		5/Jun/2006		20/Jun/2006		14/Aug/2006		14/Aug/2006			
Rating Data Type		AVG TILLER		AVG TILLER		STEM/46 cm		HEAD/ 46 cm			
Rating Unit		count		cm		count		count			
Trt-Eval Interval		6da5LF		21da1Til		maturity		maturity			
Trt No.	Treatment Name	Form Conc	Rate	Other Rate	Other Rate	Growth Unit	Stage				
1	Ignite	2.34	0	lb ai/a	0	fl oz/a		5ab	9c	49ab	45abc
1	1-2 leaf						1-2 lf				
2	Ignite	2.34	0	lb ai/a	0	fl oz/a		5ab	9c	55ab	50abc
2	2-3 leaf						2-3 lf				
3	Ignite	2.34	0	lb ai/a	0	fl oz/a		5ab	9c	43b	40c
3	3-4 leaf						3-4 lf				
4	Ignite	2.34	0	lb ai/a	0	fl oz/a		5ab	10bc	52ab	48abc
4	4-5 leaf						4-5 lf				
5	Ignite	2.34	0	lb ai/a	0	fl oz/a		5b	14a	65a	61a
5	5 leaf-1 till						5 lf-1til				
6	Ignite	2.34	0.0275	lb ai/a	1.5	fl oz/a		5ab	12abc	50ab	44abc
6	1-2 leaf						1-2 lf				
7	Ignite	2.34	0.0275	lb ai/a	1.5	fl oz/a		5ab	10bc	50ab	46abc
7	2-3 leaf						2-3 lf				
8	Ignite	2.34	0.0275	lb ai/a	1.5	fl oz/a		6a	9c	40b	37c
8	3-4 leaf						3-4 lf				
9	Ignite	2.34	0.0275	lb ai/a	1.5	fl oz/a		5ab	11bc	53ab	48abc
9	4-5 leaf						4-5 lf				
10	Ignite	2.34	0.0275	lb ai/a	1.5	fl oz/a		5b	10c	49ab	43bc
10	5 leaf-1 till						5 lf-1til				
11	Ignite	2.34	0.055	lb ai/a	3	fl oz/a		6ab	13ab	47ab	46abc
11	1-2 leaf						1-2 lf				
12	Ignite	2.34	0.055	lb ai/a	3	fl oz/a		5ab	9c	51ab	44abc
12	2-3 leaf						2-3 lf				
13	Ignite	2.34	0.055	lb ai/a	3	fl oz/a		5b	10c	49ab	41bc
13	3-4 leaf						3-4 lf				
14	Ignite	2.34	0.055	lb ai/a	3	fl oz/a		5b	10c	51ab	46abc
14	4-5 leaf						4-5 lf				
15	Ignite	2.34	0.055	lb ai/a	3	fl oz/a		6a	11bc	62a	58ab
15	5 leaf-1 till						5 lf-1til				
LSD (P=.05)								0.9	3.1	19.6	17.8
Standard Deviation								0.7	2.1	13.7	12.5
CV								12.9	20.46	26.9	26.83

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

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Department of Agronomy and Environmental Management

Ignite as a Growth Regulator in Rice

Trial ID: C06-15
 Location: RRS-Crowley, LA

Pest Code		RICE		RICE		Rice				
Rating Date		14/Aug/2006		14/Aug/2006		14/Aug/2006				
Rating Data Type		YIELD		YIELD		Yield % of NT				
Rating Unit		Bu/A		lb/A		%				
Trt	Treatment	Form	Rate	Other	Other	Growth				
No.	Name	Conc	Rate	Unit	Rate	Unit	Stage			
1	Ignite	2.34	0	lb ai/a	0	fl oz/a		128a	5752a	100a-d
1	1-2 leaf						1-2 lf			
2	Ignite	2.34	0	lb ai/a	0	fl oz/a		117ab	5277ab	100a-d
2	2-3 leaf						2-3 lf			
3	Ignite	2.34	0	lb ai/a	0	fl oz/a		125ab	5615ab	100a-d
3	3-4 leaf						3-4 lf			
4	Ignite	2.34	0	lb ai/a	0	fl oz/a		129a	5809a	100a-d
4	4-5 leaf						4-5 lf			
5	Ignite	2.34	0	lb ai/a	0	fl oz/a		126a	5649a	100a-d
5	5 leaf-1 till						5 lf-1til			
6	Ignite	2.34	0.0275	lb ai/a	1.5	fl oz/a		128a	5777a	100a-d
6	1-2 leaf						1-2 lf			
7	Ignite	2.34	0.0275	lb ai/a	1.5	fl oz/a		129a	5812a	112a
7	2-3 leaf						2-3 lf			
8	Ignite	2.34	0.0275	lb ai/a	1.5	fl oz/a		120ab	5408ab	96bcd
8	3-4 leaf						3-4 lf			
9	Ignite	2.34	0.0275	lb ai/a	1.5	fl oz/a		126a	5681a	98bcd
9	4-5 leaf						4-5 lf			
10	Ignite	2.34	0.0275	lb ai/a	1.5	fl oz/a		108b	4875b	87d
10	5 leaf-1 till						5 lf-1til			
11	Ignite	2.34	0.055	lb ai/a	3	fl oz/a		120ab	5379ab	93bcd
11	1-2 leaf						1-2 lf			
12	Ignite	2.34	0.055	lb ai/a	3	fl oz/a		124ab	5565ab	105ab
12	2-3 leaf						2-3 lf			
13	Ignite	2.34	0.055	lb ai/a	3	fl oz/a		125ab	5606ab	101abc
13	3-4 leaf						3-4 lf			
14	Ignite	2.34	0.055	lb ai/a	3	fl oz/a		129a	5792a	99a-d
14	4-5 leaf						4-5 lf			
15	Ignite	2.34	0.055	lb ai/a	3	fl oz/a		114ab	5137ab	92cd
15	5 leaf-1 till						5 lf-1til			
LSD (P=.05)								16.8	754.2	13.4
Standard Deviation								11.7	527.7	9.4
CV								9.52	9.52	9.48

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

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Department of Agronomy and Environmental Management

Newpath as a Growth Regulator in Rice

Experiment number.....:	C06-16			
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	04/03/06			
Harvest date.....:	08/14/06			
Crop/Variety	Rice/Trenasse			
Emergence date.....:	04/14/06			
Uniform std. treatment.....:	N/A			
Application type.....:	1-2 LF	2-3 LF	3-4 LF	4-5 LF
Date applied [mm/dd/yy] ...:	5/3/06	5/12/06	5/17/06	5/24/06
Time [hh:mm-hh:mm].....:	11:15-11:20a	7:50-8:00a	11:05-11:10a	10:20-10:30a
Incorporation equip./Depth:	N/A	N/A	N/A	N/A
Air/Soil temperature [F]	83/82	66/65	77/78	84/81
Relative humidity [%].....:	17	60	40	58
Wind [mph, direction]	4 SW	1-3 W	8-10 NW	3-4 SW
Weather [sunny, etc]	sunny	sunny	sunny	pt cloudy
Soil/Leaf surface moist.....:	moist/dry	dry/dry	dry/dry	moist/dry
Crop stage/Height	3-4 lf/5-6"	1-2 till/6-8"	4-5 lf/8-10"	1-2 till/ 6-8"
Sprayer type/MPH.....:	CO ₂ BkPk/3	CO ₂ BkPk/3	CO ₂ BkPk/3	CO ₂ BkPk/3
Nozzle type/Size	AMFF/110015	AMFF/110015	AMFF/110015	AMFF/110015
Boom ht/# Noz/Spacing ...:	18"/5/15"	18"/5/15"	18"/5/15"	18"/5/15"
GPA/PSI.....:	15/28	15/15	15/28	15/28
Applied by	Bottoms	Webster	Griffin	Zhang
Flush Dates.....:	4/6,4/21,5/19,6/1			
Permanent Flood	6/15			

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Newpath as a Growth Regulator in Rice

Experiment number.....: **C06-16**
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: 04/03/06
Harvest date.....: 08/14/06
Crop/Variety: Rice/Trenasse
Emergence date.....: 04/14/06
Uniform std. treatment.....: N/A

Application type.....: 5 LF-1 Till
Date applied [mm/dd/yy] ..: 5/30/06
Time [hh:mm-hh:mm].....: 10:05-10:10a
Incorporation equip./Depth: N/A
Air/Soil temperature [F]: 79/80
Relative humidity [%].....: 75
Wind [mph, direction]: 2-3 NE
Weather [sunny, etc]: cloudy
Soil/Leaf surface moist.....: moist/dry
Crop stage/Height: 1-2 till/8-10"
Sprayer type/MPH.....: CO₂BkPk/3
Nozzle type/Size: AMFF/110015
Boom ht/# Noz/Spacing ...: 18"/5/15"
GPA/PSI.....: 15/22
Applied by: Griffin

Flush Dates: 4/6,4/21,5/19,6/1
Permanent Flood: 6/15

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Department of Agronomy and Environmental Management

Newpath as a Growth Regulator in Rice

Trial ID: C06-16
 Location: RRS-Crowley, LA

Pest Code	RICE	RICE	RICE
Rating Date	25/May/2006	5/Jun/2006	20/Jun/2006
Rating Data Type	INJURY	INJURY	INJURY
Rating Unit	%	%	%
Trt-Eval Interval	8da3-4LF	7da5LF	21da1Til

Trt No.	Treatment Name	Form Conc	Rate Rate	Other Rate	Other Rate	Growth Unit	Stage			
1	Newpath	2	0	lb ai/a	0	fl oz/a		0a	0a	0a
1	1-2 leaf						1-2 lf			
2	Newpath	2	0	lb ai/a	0	fl oz/a		0a	0a	0a
2	2-3 leaf						2-3 lf			
3	Newpath	2	0	lb ai/a	0	fl oz/a		0a	0a	0a
3	3-4 leaf						3-4 lf			
4	Newpath	2	0	lb ai/a	0	fl oz/a			0a	0a
4	4-5 leaf						4-5 lf			
5	Newpath	2	0	lb ai/a	0	fl oz/a			0a	0a
5	5 leaf-1 till						5 lf-1til			
6	Newpath	2	0.004	lb ai/a	0.256	fl oz/a		0a	0a	0a
6	1-2 leaf						1-2 lf			
7	Newpath	2	0.004	lb ai/a	0.256	fl oz/a		0a	0a	0a
7	2-3 leaf						2-3 lf			
8	Newpath	2	0.004	lb ai/a	0.256	fl oz/a		0a	0a	0a
8	3-4 leaf						3-4 lf			
9	Newpath	2	0.004	lb ai/a	0.256	fl oz/a			0a	0a
9	4-5 leaf						4-5 lf			
10	Newpath	2	0.004	lb ai/a	0.256	fl oz/a			0a	0a
10	5 leaf-1 till						5 lf-1til			
11	Newpath	2	0.008	lb ai/a	0.51	fl oz/a		0a	0a	0a
11	1-2 leaf						1-2 lf			
12	Newpath	2	0.008	lb ai/a	0.51	fl oz/a		0a	0a	0a
12	2-3 leaf						2-3 lf			
13	Newpath	2	0.008	lb ai/a	0.51	fl oz/a		0a	0a	0a
13	3-4 leaf						3-4 lf			
14	Newpath	2	0.008	lb ai/a	0.51	fl oz/a			0a	0a
14	4-5 leaf						4-5 lf			
15	Newpath	2	0.008	lb ai/a	0.51	fl oz/a			0a	0a
15	5 leaf-1 till						5 lf-1til			
LSD (P=.05)								0.0	0.0	0.0
Standard Deviation								0.0	0.0	0.0
CV								0.0	0.0	0.0

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

LSU AgCenter

Department of Agronomy and Environmental Management

Newpath as a Growth Regulator in Rice

Trial ID: C06-16
 Location: RRS-Crowley, LA

Pest Code				RICE		RICE		RICE		RICE	
Rating Date				25/May/2006		5/Jun/2006		20/Jun/2006		14/Aug/2006	
Rating Data Type				AVG HEIGHT		AVG HEIGHT		AVG HEIGHT		AVG HEIGHT	
Rating Unit				cm		cm		cm		cm	
Trt-Eval Interval				8da3-4LF		7da5LF		21da1Til		maturity	
Trt No.	Treatment Name	Form Conc	Rate	Other Rate	Other Rate	Growth Unit	Stage				
1	Newpath	2	0	lb ai/a	0	fl oz/a		25a	37abc	70a	103abc
1	1-2 leaf						1-2 lf				
2	Newpath	2	0	lb ai/a	0	fl oz/a		25a	37abc	67a	101abc
2	2-3 leaf						2-3 lf				
3	Newpath	2	0	lb ai/a	0	fl oz/a		23a	34c	70a	102abc
3	3-4 leaf						3-4 lf				
4	Newpath	2	0	lb ai/a	0	fl oz/a			37abc	70a	101abc
4	4-5 leaf						4-5 lf				
5	Newpath	2	0	lb ai/a	0	fl oz/a			35bc	67a	104abc
5	5 leaf-1 till						5 lf-1til				
6	Newpath	2	0.004	lb ai/a	0.256	fl oz/a		26a	37abc	67a	101abc
6	1-2 leaf						1-2 lf				
7	Newpath	2	0.004	lb ai/a	0.256	fl oz/a		25a	38ab	70a	103abc
7	2-3 leaf						2-3 lf				
8	Newpath	2	0.004	lb ai/a	0.256	fl oz/a		25a	37abc	68a	100bc
8	3-4 leaf						3-4 lf				
9	Newpath	2	0.004	lb ai/a	0.256	fl oz/a			37abc	66a	105ab
9	4-5 leaf						4-5 lf				
10	Newpath	2	0.004	lb ai/a	0.256	fl oz/a			37abc	68a	104abc
10	5 leaf-1 till						5 lf-1til				
11	Newpath	2	0.008	lb ai/a	0.51	fl oz/a		26a	39a	70a	104abc
11	1-2 leaf						1-2 lf				
12	Newpath	2	0.008	lb ai/a	0.51	fl oz/a		23a	37abc	67a	105a
12	2-3 leaf						2-3 lf				
13	Newpath	2	0.008	lb ai/a	0.51	fl oz/a		24a	37abc	67a	103abc
13	3-4 leaf						3-4 lf				
14	Newpath	2	0.008	lb ai/a	0.51	fl oz/a			36bc	68a	102abc
14	4-5 leaf						4-5 lf				
15	Newpath	2	0.008	lb ai/a	0.51	fl oz/a			36bc	68a	100c
15	5 leaf-1 till						5 lf-1til				
LSD (P=.05)								3.5	3.0	4.8	4.6
Standard Deviation								2.4	2.1	3.3	2.8
CV								9.73	5.73	4.88	2.69

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

LSU AgCenter

Department of Agronomy and Environmental Management

Newpath as a Growth Regulator in Rice

Trial ID: C06-16
 Location: RRS-Crowley, LA

Pest Code		RICE		RICE		RICE		RICE			
Rating Date		5/Jun/2006		20/Jun/2006		14/Aug/2006		14/Aug/2006			
Rating Data Type		AVG TILLER		AVG TILLER		STEMS/46 cm		HEADS/46 cm			
Rating Unit		count		count		count		count			
Trt-Eval Interval		7da5LF		21da1Til		maturity		maturity			
Trt No.	Treatment Name	Form Conc	Rate	Other Rate	Other Rate	Growth Unit	Stage				
1	Newpath	2	0	lb ai/a	0	fl oz/a		5ab	11a	50abc	48b-e
1	1-2 leaf						1-2 lf				
2	Newpath	2	0	lb ai/a	0	fl oz/a		5ab	11a	48bc	42e
2	2-3 leaf						2-3 lf				
3	Newpath	2	0	lb ai/a	0	fl oz/a		5a	10a	45c	46cde
3	3-4 leaf						3-4 lf				
4	Newpath	2	0	lb ai/a	0	fl oz/a		5ab	11a	49abc	43cde
4	4-5 leaf						4-5 lf				
5	Newpath	2	0	lb ai/a	0	fl oz/a		5a	13a	58abc	58abc
5	5 leaf-1 till						5 lf-1til				
6	Newpath	2	0.004	lb ai/a	0.256	fl oz/a		5ab	11a	50abc	46cde
6	1-2 leaf						1-2 lf				
7	Newpath	2	0.004	lb ai/a	0.256	fl oz/a		5ab	11a	47bc	50a-e
7	2-3 leaf						2-3 lf				
8	Newpath	2	0.004	lb ai/a	0.256	fl oz/a		5ab	12a	63ab	61ab
8	3-4 leaf						3-4 lf				
9	Newpath	2	0.004	lb ai/a	0.256	fl oz/a		5ab	10a	51abc	52a-e
9	4-5 leaf						4-5 lf				
10	Newpath	2	0.004	lb ai/a	0.256	fl oz/a		5ab	13a	56abc	55a-e
10	5 leaf-1 till						5 lf-1til				
11	Newpath	2	0.008	lb ai/a	0.51	fl oz/a		5ab	11a	44c	43de
11	1-2 leaf						1-2 lf				
12	Newpath	2	0.008	lb ai/a	0.51	fl oz/a		5ab	11a	66a	62a
12	2-3 leaf						2-3 lf				
13	Newpath	2	0.008	lb ai/a	0.51	fl oz/a		4b	10a	42c	41e
13	3-4 leaf						3-4 lf				
14	Newpath	2	0.008	lb ai/a	0.51	fl oz/a		5ab	12a	56abc	49a-e
14	4-5 leaf						4-5 lf				
15	Newpath	2	0.008	lb ai/a	0.51	fl oz/a		5ab	12a	55abc	57a-d
15	5 leaf-1 till						5 lf-1til				
LSD (P=.05)				0.8		3.7		17.3		14.4	
Standard Deviation				0.6		2.6		10.4		8.6	
CV				11.25		23.2		19.95		17.13	

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

LSU AgCenter

Department of Agronomy and Environmental Management

Newpath as a Growth Regulator in Rice

Trial ID: C06-16
 Location: RRS-Crowley, LA

Pest Code	RICE	RICE	Rice
Rating Date	14/Aug/2006	14/Aug/2006	14/Aug/2006
Rating Data Type	YIELD	YIELD	Yield % of NT
Rating Unit	Bu/A	lb/A	%
Trt-Eval Interval			

Trt No.	Treatment Name	Form Conc	Rate Rate	Other Rate	Other Rate	Growth Unit Stage				
1	Newpath	2	0	lb ai/a	0	fl oz/a		109abc	4919abc	100ab
1	1-2 leaf						1-2 lf			
2	Newpath	2	0	lb ai/a	0	fl oz/a		123ab	5539ab	100ab
2	2-3 leaf						2-3 lf			
3	Newpath	2	0	lb ai/a	0	fl oz/a		109abc	4919abc	100ab
3	3-4 leaf						3-4 lf			
4	Newpath	2	0	lb ai/a	0	fl oz/a		109abc	4907abc	100ab
4	4-5 leaf						4-5 lf			
5	Newpath	2	0	lb ai/a	0	fl oz/a		107abc	4818abc	100ab
5	5 leaf-1 till						5 lf-1til			
6	Newpath	2	0.004	lb ai/a	0.256	fl oz/a		108abc	4882abc	102ab
6	1-2 leaf						1-2 lf			
7	Newpath	2	0.004	lb ai/a	0.256	fl oz/a		107abc	4823abc	89b
7	2-3 leaf						2-3 lf			
8	Newpath	2	0.004	lb ai/a	0.256	fl oz/a		116abc	5231abc	106ab
8	3-4 leaf						3-4 lf			
9	Newpath	2	0.004	lb ai/a	0.256	fl oz/a		106bc	4762bc	98ab
9	4-5 leaf						4-5 lf			
10	Newpath	2	0.004	lb ai/a	0.256	fl oz/a		106bc	4757bc	100ab
10	5 leaf-1 till						5 lf-1til			
11	Newpath	2	0.008	lb ai/a	0.51	fl oz/a		124a	5584a	117a
11	1-2 leaf						1-2 lf			
12	Newpath	2	0.008	lb ai/a	0.51	fl oz/a		110abc	4939abc	91b
12	2-3 leaf						2-3 lf			
13	Newpath	2	0.008	lb ai/a	0.51	fl oz/a		112abc	5031abc	103ab
13	3-4 leaf						3-4 lf			
14	Newpath	2	0.008	lb ai/a	0.51	fl oz/a		112abc	5045abc	104ab
14	4-5 leaf						4-5 lf			
15	Newpath	2	0.008	lb ai/a	0.51	fl oz/a		105c	4714c	100ab
15	5 leaf-1 till						5 lf-1til			
LSD (P=.05)								17.9	804.0	19.5
Standard Deviation								10.7	480.8	11.7
CV								9.63	9.63	11.59

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

LSU AgCenter

Department of Agronomy and Environmental Management

Roundup Weathermax as a Growth Regulator in Rice

Experiment number.....: **C06-17**
 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: 04/03/06
 Harvest date.....: 08/14/06
 Crop/Variety: Rice/Trenasse
 Emergence date.....: 04/14/06
 Uniform std. treatment.....: N/A

Application type.....:	1-2 LF	2-3 LF	3-4 LF	4-5 LF
Date applied [mm/dd/yy] ...:	5/3/06	5/12/06	5/17/06	5/24/06
Time [hh:mm-hh:mm].....:	11:25-11:30a	7:40-7:50a	11:05-11:10a	10:05-10:15a
Incorporation equip./Depth:	N/A	N/A	N/A	N/A
Air/Soil temperature [F]	83/82	66/65	77/78	84/81
Relative humidity [%].....:	17	60	40	58
Wind [mph, direction]	4 SW	1-3 W	8-10 NW	3-4 SW
Weather [sunny, etc]	sunny	sunny	sunny	pt cloudy
Soil/Leaf surface moist.....:	moist/dry	dry/dry	dry/dry	moist/dry
Crop stage/Height	3-4 lf/5-6"	1-2 till/6-8"	4-5 lf	1-2 til/6-8"
Sprayer type/MPH.....:	CO ₂ BkPk/3.0	CO ₂ BkPk/3.0	CO ₂ BkPk/3.0	CO ₂ BkPk/3.0
Nozzle type/Size	AMFF/110015	AMFF/110015	AMFF/110015	AMFF/110015
Boom ht/# Noz/Spacing ...:	18"/5/15"	18"/5/15"	18"/5/15"	18"/5/15"
GPA/PSI.....:	15/28	15/15	15/28	15/28
Applied by	Bottoms	Webster	Griffin	Zhang

Flush Dates.....: 4/6,4/21,5/19,6/1
 Permanent Flood

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Department of Agronomy and Environmental Management

Roundup Weathermax as a Growth Regulator in Rice

Experiment number.....: **C06-17**
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: 04/03/06
Harvest date.....: 08/14/06
Crop/Variety: Rice/Trenasse
Emergence date.....: 04/14/06
Uniform std. treatment.....: N/A

Application type.....: 5 LF-1 Till
Date applied [mm/dd/yy] ...: 5/30/06
Time [hh:mm-hh:mm].....: 10:00-10:05a
Incorporation equip./Depth: N/A
Air/Soil temperature [F]: 80/80
Relative humidity [%].....: 75
Wind [mph, direction]: 1-3 NE
Weather [sunny, etc]: cloudy
Soil/Leaf surface moist.....: moist/dry
Crop stage/Height: 1-2 till/8-10"
Sprayer type/MPH.....: CO₂BkPk/3.0
Nozzle type/Size: AMFF/110015
Boom ht/# Noz/Spacing ...: 18"/5/15"
GPA/PSI.....: 15/22
Applied by: Griffin

Flush Dates.....: 4/6,4/21,5/19,6/1
Permanent Flood: 6/15

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Roundup Weathermax as a Growth Regulator in Rice

Trial ID: C06-17
 Location: RRS-Crowley, LA

Pest Code		RICE		RICE		RICE			
Rating Date		25/May/2006		5/Jun/2006		20/Jun/2006			
Rating Data Type		INJURY		INJURY		INJURY			
Rating Unit		%		count		%			
Trt-Eval Interval		8da3-4LF		6da5LF		21da1Til			
Trt No.	Treatment Name	Form Conc	Rate	Other Rate	Other Rate	Growth Stage			
1	Roundup Weathermax	5.5	0	lb ai/a	0	fl oz/a	0c	4bc	0a
1	1-2 leaf					1-2 lf			
2	Roundup Weathermax	5.5	0	lb ai/a	0	fl oz/a	0c	3bc	0a
2	2-3 leaf					2-3 lf			
3	Roundup Weathermax	5.5	0	lb ai/a	0	fl oz/a	0c	3bc	0a
3	3-4 leaf					3-4 lf			
4	Roundup Weathermax	5.5	0	lb ai/a	0	fl oz/a		0c	0a
4	4-5 leaf					4-5 lf			
5	Roundup Weathermax	5.5	0	lb ai/a	0	fl oz/a		3bc	0a
5	5 leaf-1 till					5 lf-1til			
6	Roundup Weathermax	5.5	0.06	lb ai/a	1.4	fl oz/a	0c	5bc	0a
6	1-2 leaf					1-2 lf			
7	Roundup Weathermax	5.5	0.06	lb ai/a	1.4	fl oz/a	1bc	3bc	0a
7	2-3 leaf					2-3 lf			
8	Roundup Weathermax	5.5	0.06	lb ai/a	1.4	fl oz/a	0c	8abc	0a
8	3-4 leaf					3-4 lf			
9	Roundup Weathermax	5.5	0.06	lb ai/a	1.4	fl oz/a		9abc	0a
9	4-5 leaf					4-5 lf			
10	Roundup Weathermax	5.5	0.06	lb ai/a	1.4	fl oz/a		10ab	0a
10	5 leaf-1 till					5 lf-1til			
11	Roundup Weathermax	5.5	0.12	lb ai/a	2.8	fl oz/a	0c	3bc	0a
11	1-2 leaf					1-2 lf			
12	Roundup Weathermax	5.5	0.12	lb ai/a	2.8	fl oz/a	3ab	5bc	0a
12	2-3 leaf					2-3 lf			
13	Roundup Weathermax	5.5	0.12	lb ai/a	2.8	fl oz/a	4a	8abc	0a
13	3-4 leaf					3-4 lf			
14	Roundup Weathermax	5.5	0.12	lb ai/a	2.8	fl oz/a		4bc	0a
14	4-5 leaf					4-5 lf			
15	Roundup Weathermax	5.5	0.12	lb ai/a	2.8	fl oz/a		15a	0a
15	5 leaf-1 till					5 lf-1til			
LSD (P=.05)							2.2	8.8	0.0
Standard Deviation							1.5	6.1	0.0
CV							180.28	117.07	0.0

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

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Department of Agronomy and Environmental Management

Roundup Weathermax as a Growth Regulator in Rice

Trial ID: C06-17
 Location: RRS-Crowley, LA

Pest Code		RICE		RICE		RICE		RICE		
Rating Date		25/May/2006		5/Jun/2006		20/Jun/2006		14/Aug/2006		
Rating Data Type		AVG HEIGHT		AVG HEIGHT		AVG HEIGHT		AVG HEIGHT		
Rating Unit		cm		cm		cm		cm		
Trt-Eval Interval		8da3-4LF		6da5LF		21da1Til		maturity		
Trt No.	Treatment Name	Form Conc	Rate	Other Rate	Other Rate	Growth Stage				
1	Roundup Weathermax	5.5	0	lb ai/a	0	fl oz/a	25a	37bc	64bc	103ab
1	1-2 leaf					1-2 lf				
2	Roundup Weathermax	5.5	0	lb ai/a	0	fl oz/a	24a	38abc	64bcd	102ab
2	2-3 leaf					2-3 lf				
3	Roundup Weathermax	5.5	0	lb ai/a	0	fl oz/a	24a	41ab	67abc	100b
3	3-4 leaf					3-4 lf				
4	Roundup Weathermax	5.5	0	lb ai/a	0	fl oz/a		39abc	63cd	96c
4	4-5 leaf					4-5 lf				
5	Roundup Weathermax	5.5	0	lb ai/a	0	fl oz/a		40ab	65abc	102ab
5	5 leaf-1 till					5 lf-1til				
6	Roundup Weathermax	5.5	0.06	lb ai/a	1.4	fl oz/a	22a	38abc	64bc	105a
6	1-2 leaf					1-2 lf				
7	Roundup Weathermax	5.5	0.06	lb ai/a	1.4	fl oz/a	24a	40ab	68ab	101b
7	2-3 leaf					2-3 lf				
8	Roundup Weathermax	5.5	0.06	lb ai/a	1.4	fl oz/a	25a	37bc	66abc	101b
8	3-4 leaf					3-4 lf				
9	Roundup Weathermax	5.5	0.06	lb ai/a	1.4	fl oz/a		39ab	65abc	104ab
9	4-5 leaf					4-5 lf				
10	Roundup Weathermax	5.5	0.06	lb ai/a	1.4	fl oz/a		39ab	66abc	103ab
10	5 leaf-1 till					5 lf-1til				
11	Roundup Weathermax	5.5	0.12	lb ai/a	2.8	fl oz/a	24a	37bc	64bc	103ab
11	1-2 leaf					1-2 lf				
12	Roundup Weathermax	5.5	0.12	lb ai/a	2.8	fl oz/a	23a	38bc	69a	102ab
12	2-3 leaf					2-3 lf				
13	Roundup Weathermax	5.5	0.12	lb ai/a	2.8	fl oz/a	25a	42a	65abc	100b
13	3-4 leaf					3-4 lf				
14	Roundup Weathermax	5.5	0.12	lb ai/a	2.8	fl oz/a		40ab	65bc	104ab
14	4-5 leaf					4-5 lf				
15	Roundup Weathermax	5.5	0.12	lb ai/a	2.8	fl oz/a		35c	59d	101b
15	5 leaf-1 till					5 lf-1til				
LSD (P=.05)							4.4	4.1	4.6	4.0
Standard Deviation							3.0	2.9	3.2	2.8
CV							12.56	7.48	4.97	2.77

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

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Roundup Weathermax as a Growth Regulator in Rice

Trial ID: C06-17
 Location: RRS-Crowley, LA

Pest Code				RICE		RICE		RICE		RICE	
Rating Date				5/Jun/2006		20/Jun/2006		14/Aug/2006		14/Aug/2006	
Rating Data Type				AVG TILLER		AVG TILLER		Stems/46 cm		Heads/46 cm	
Rating Unit				count		count		Number		Number	
Trt-Eval Interval				6da5LF		21da1Til		maturity		maturity	
Trt No.	Treatment Name	Form Conc	Rate	Other Rate	Other Rate	Growth Stage					
1	Roundup Weathermax	5.5	0	lb ai/a	0	fl oz/a	6a	16de	67a	63a	
1	1-2 leaf					1-2 lf					
2	Roundup Weathermax	5.5	0	lb ai/a	0	fl oz/a	5b	18a-e	57abc	53abc	
2	2-3 leaf					2-3 lf					
3	Roundup Weathermax	5.5	0	lb ai/a	0	fl oz/a	6ab	17b-e	62abc	58ab	
3	3-4 leaf					3-4 lf					
4	Roundup Weathermax	5.5	0	lb ai/a	0	fl oz/a	5ab	18a-e	57abc	49abc	
4	4-5 leaf					4-5 lf					
5	Roundup Weathermax	5.5	0	lb ai/a	0	fl oz/a	5ab	19a-d	57abc	54abc	
5	5 leaf-1 till					5 lf-1til					
6	Roundup Weathermax	5.5	0.06	lb ai/a	1.4	fl oz/a	5ab	17cde	52abc	50abc	
6	1-2 leaf					1-2 lf					
7	Roundup Weathermax	5.5	0.06	lb ai/a	1.4	fl oz/a	4b	19abc	61abc	56ab	
7	2-3 leaf					2-3 lf					
8	Roundup Weathermax	5.5	0.06	lb ai/a	1.4	fl oz/a	5ab	20a	47bc	43bc	
8	3-4 leaf					3-4 lf					
9	Roundup Weathermax	5.5	0.06	lb ai/a	1.4	fl oz/a	5ab	17b-e	57abc	54abc	
9	4-5 leaf					4-5 lf					
10	Roundup Weathermax	5.5	0.06	lb ai/a	1.4	fl oz/a	5b	20ab	53abc	50abc	
10	5 leaf-1 till					5 lf-1til					
11	Roundup Weathermax	5.5	0.12	lb ai/a	2.8	fl oz/a	5ab	19a-d	65ab	58ab	
11	1-2 leaf					1-2 lf					
12	Roundup Weathermax	5.5	0.12	lb ai/a	2.8	fl oz/a	5ab	19abc	50abc	45bc	
12	2-3 leaf					2-3 lf					
13	Roundup Weathermax	5.5	0.12	lb ai/a	2.8	fl oz/a	5b	18a-e	44c	39c	
13	3-4 leaf					3-4 lf					
14	Roundup Weathermax	5.5	0.12	lb ai/a	2.8	fl oz/a	6ab	17cde	54abc	49abc	
14	4-5 leaf					4-5 lf					
15	Roundup Weathermax	5.5	0.12	lb ai/a	2.8	fl oz/a	5ab	16e	53abc	48abc	
15	5 leaf-1 till					5 lf-1til					
LSD (P=.05)							1.6	2.7	18.5	16.6	
Standard Deviation							1.1	1.9	12.9	11.6	
CV							21.42	10.62	23.22	22.76	

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

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Department of Agronomy and Environmental Management

Roundup Weathermax as a Growth Regulator in Rice

Trial ID: C06-17
 Location: RRS-Crowley, LA

Pest Code		RICE		RICE		RICE			
Rating Date		14/Aug/2006		14/Aug/2006		14/Aug/2006			
Rating Data Type		Yield		Yield		Yield % of NT			
Rating Unit		Bu/A		lb/A		%			
Trt-Eval Interval									
Trt No.	Treatment	Form Conc	Rate	Other Rate	Other Rate	Growth Stage			
1	Roundup Weathermax	5.5	0	lb ai/a	0	fl oz/a	115a-e	5173a-e	100a
1	1-2 leaf					1-2 lf			
2	Roundup Weathermax	5.5	0	lb ai/a	0	fl oz/a	126a	5675a	100a
2	2-3 leaf					2-3 lf			
3	Roundup Weathermax	5.5	0	lb ai/a	0	fl oz/a	122ab	5475ab	100a
3	3-4 leaf					3-4 lf			
4	Roundup Weathermax	5.5	0	lb ai/a	0	fl oz/a	111b-e	4968b-e	100a
4	4-5 leaf					4-5 lf			
5	Roundup Weathermax	5.5	0	lb ai/a	0	fl oz/a	120ab	5407ab	100a
5	5 leaf-1 till					5 lf-1til			
6	Roundup Weathermax	5.5	0.06	lb ai/a	1.4	fl oz/a	112a-e	5027a-e	95ab
6	1-2 leaf					1-2 lf			
7	Roundup Weathermax	5.5	0.06	lb ai/a	1.4	fl oz/a	113a-e	5094a-e	90bc
7	2-3 leaf					2-3 lf			
8	Roundup Weathermax	5.5	0.06	lb ai/a	1.4	fl oz/a	104cde	4662cde	85c
8	3-4 leaf					3-4 lf			
9	Roundup Weathermax	5.5	0.06	lb ai/a	1.4	fl oz/a	118abc	5311abc	98a
9	4-5 leaf					4-5 lf			
10	Roundup Weathermax	5.5	0.06	lb ai/a	1.4	fl oz/a	116a-d	5221a-d	95ab
10	5 leaf-1 till					5 lf-1til			
11	Roundup Weathermax	5.5	0.12	lb ai/a	2.8	fl oz/a	102de	4581de	89bc
11	1-2 leaf					1-2 lf			
12	Roundup Weathermax	5.5	0.12	lb ai/a	2.8	fl oz/a	117a-d	5235a-d	89bc
12	2-3 leaf					2-3 lf			
13	Roundup Weathermax	5.5	0.12	lb ai/a	2.8	fl oz/a	116a-d	5228a-d	93ab
13	3-4 leaf					3-4 lf			
14	Roundup Weathermax	5.5	0.12	lb ai/a	2.8	fl oz/a	119ab	5355ab	98a
14	4-5 leaf					4-5 lf			
15	Roundup Weathermax	5.5	0.12	lb ai/a	2.8	fl oz/a	101e	4531e	84c
15	5 leaf-1 till					5 lf-1til			
LSD (P=.05)							15.3	688.8	7.6
Standard Deviation							10.7	482.0	5.3
CV							9.4	9.4	5.62

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

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Department of Agronomy and Environmental Management

Evaluation of Crop Injury with Sub-lethal Doses of Roundup Weathermax

Experiment number.....: **C06-18**
 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: 04/03/06
 Harvest date.....: N/A
 Crop/Variety: Rice/Trenasse
 Emergence date.....: 04/14/06
 Uniform std. treatment.....: N/A

Application type.....: 2-3 LF	3-4 LF
Date applied [mm/dd/yy] ...: 5/22/06	5/30/06
Time [hh:mm-hh:mm].....: 12:25-12:35p	10:15-10:30a
Incorporation equip./Depth: N/A	N/A
Air/Soil temperature [F]: 87/80	79/80
Relative humidity [%].....: 50	75
Wind [mph, direction]: 1-3 E	1-3 NE
Weather [sunny, etc]: pt cloudy	cloudy
Soil/Leaf surface moist.....: wet/dry	moist/dry
Crop stage/Height: 4 lf-5 til/4-6"	5 lf-2 till/6-8"
Sprayer type/MPH.....: CO ₂ BkPk/3.0	CO ₂ BkPk/3.0
Nozzle type/Size: AMFF/110015	AMFF/110015
Boom ht/# Noz/Spacing ...: 18"/5/15"	18"/5/15"
GPA/PSI.....: 15/18	15/22
Applied by: Zhang	Griffin

Flush Dates.....: 4/20,5/18
 Permanent Flood: 6/1

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Department of Agronomy and Environmental Management

Evaluation of Crop Injury with Sub-lethal Doses of Roundup Weathermax

Trial ID: C06-18
 Location: RRS-Crowley

Pest Code				RICE		RICE		RICE		RICE	
Rating Date				8/Jun/2006		8/Jun/2006		20/Jun/2006		20/Jun/2006	
Rating Data Type				AVG HEIGHT		INJURY		AVG HEIGHT		INJURY	
Rating Unit				cm		%		cm		%	
Trt-Eval Interval				9da3-4L		9da3-4L		21da3-4L		21da3-4L	
Trt No.	Treatment Name	Form Conc	Rate	Other Rate	Other Rate	Growth Unit					
1	Roundup Weathermax	5.5	0	lb ai/a 0	fl oz/a 0	2-3 lf	44a	0d	62a	0a	
1	Newpath	2	0	lb ai/a 0	fl oz/a 0	3-4 lf					
1	Agridex		0	lb ai/a 0	fl oz/a 0	3-4 lf					
2	Roundup Weathermax	5.5	0	lb ai/a 0	fl oz/a 0	2-3 lf	42ab	0d	59a	0a	
2	Newpath	2	0.0625	lb ai/a 4	fl oz/a 4	3-4 lf					
2	Agridex		0	lb ai/a 0	fl oz/a 0	3-4 lf					
3	Roundup Weathermax	5.5	0	lb ai/a 0	fl oz/a 0	2-3 lf	40b	0d	58a	0a	
3	Newpath	2	0.094	lb ai/a 6	fl oz/a 6	3-4 lf					
3	Agridex		0	lb ai/a 0	fl oz/a 0	3-4 lf					
4	Roundup Weathermax	5.5	0.03	lb ai/a 0.7	fl oz/a 0.7	2-3 lf	39b	0d	59a	0a	
4	Newpath	2	0	lb ai/a 0	fl oz/a 0	3-4 lf					
4	Agridex		0	lb ai/a 0	fl oz/a 0	3-4 lf					
5	Roundup Weathermax	5.5	0.03	lb ai/a 0.7	fl oz/a 0.7	2-3 lf	41ab	0d	60a	0a	
5	Newpath	2	0.0625	lb ai/a 4	fl oz/a 4	3-4 lf					
5	Agridex		0	lb ai/a 0	fl oz/a 0	3-4 lf					
6	Roundup Weathermax	5.5	0.03	lb ai/a 0.7	fl oz/a 0.7	2-3 lf	41ab	0d	59a	0a	
6	Newpath	2	0.094	lb ai/a 6	fl oz/a 6	3-4 lf					
6	Agridex		0	lb ai/a 0	fl oz/a 0	3-4 lf					
7	Roundup Weathermax	5.5	0.06	lb ai/a 1.4	fl oz/a 1.4	2-3 lf	40b	0d	59a	0a	
7	Newpath	2	0	lb ai/a 0	fl oz/a 0	3-4 lf					
7	Agridex		0	lb ai/a 0	fl oz/a 0	3-4 lf					
8	Roundup Weathermax	5.5	0.06	lb ai/a 1.4	fl oz/a 1.4	2-3 lf	44a	0d	57a	0a	
8	Newpath	2	0.0625	lb ai/a 4	fl oz/a 4	3-4 lf					
8	Agridex		0	lb ai/a 0	fl oz/a 0	3-4 lf					
9	Roundup Weathermax	5.5	0.06	lb ai/a 1.4	fl oz/a 1.4	2-3 lf	42ab	9c	59a	0a	
9	Newpath	2	0.094	lb ai/a 6	fl oz/a 6	3-4 lf					
9	Agridex		0	lb ai/a 0	fl oz/a 0	3-4 lf					
10	Roundup Weathermax	5.5	0.12	lb ai/a 2.8	fl oz/a 2.8	2-3 lf	39b	0d	61a	0a	
10	Newpath	2	0	lb ai/a 0	fl oz/a 0	3-4 lf					
10	Agridex		0	lb ai/a 0	fl oz/a 0	3-4 lf					
11	Roundup Weathermax	5.5	0.12	lb ai/a 2.8	fl oz/a 2.8	2-3 lf	39b	14b	60a	0a	
11	Newpath	2	0.0625	lb ai/a 4	fl oz/a 4	3-4 lf					
11	Agridex		0	lb ai/a 0	fl oz/a 0	3-4 lf					
12	Roundup Weathermax	5.5	0.12	lb ai/a 2.8	fl oz/a 2.8	2-3 lf	39b	18a	59a	0a	
12	Newpath	2	0.094	lb ai/a 6	fl oz/a 6	3-4 lf					
12	Agridex		0	lb ai/a 0	fl oz/a 0	3-4 lf					
LSD (P=.05)							3.6	2.5	6.2	0.0	
Standard Deviation							2.5	1.7	4.3	0.0	
CV							6.17	51.12	7.25	0.0	

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

LSU AgCenter
Department of Agronomy and Environmental Management

Evaluation of IR5878 Rates for Weed Control

Experiment number.....: **C06-19**
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.....: 05/15/06
Harvest date.....: N/A
Crop/Variety: Rice/Trenasse
Emergence date.....: 05/22/06
Uniform std. treatment.....: N/A

Application type.....: MPOT
Date applied [mm/dd/yy] ...: 6/7/06
Time [hh:mm-hh:mm].....: 11:15-11:25a
Incorporation equip./Depth: N/A
Air/Soil temperature [F]: 80/80
Relative humidity [%].....: 70
Wind [mph, direction]: 3-4 W
Weather [sunny, etc]: cloudy
Soil/Leaf surface moist.....: wet/dry
Crop stage/Height: 3-5 lf/4-6"
Sprayer type/MPH.....: CO₂BkPk/3.0
Nozzle type/Size: AMFF/110015
Boom ht/# Noz/Spacing ...: 18"/5/15"
GPA/PSI.....: 15/21
Applied by: Griffin

Weed Species (population):- (height/#leaves) -
ECHCG (150-200 m⁻²): 1-6"/4 lf-1 till
BRAPP (50-70 m⁻²): 0.25-6"/1 lf-1 till
LEFPA (50-70 m⁻²): 0.5-4"/3 lf-1 till
SEBEX (25-35 m⁻²): 6-8"/4-6 lf
CYPIR (100-150 m⁻²): 0.5-3"/1-5 lf

Flush Dates.....: 5/19, 6/1, 6/13
Permanent Flood: 6/14

LSU AgCenter

Department of Agronomy and Environmental Management

Evaluation of IR5878 Rates for Weed Control

Trial ID: C06-19
 Location: RRS-Crowley, LA

Pest Code	ECHCG	ECHCG
Rating Date	15/Jun/2006	21/Jun/2006
Rating Data Type	CONTROL	CONTROL
Rating Unit	%	%
Trt-Eval Interval	8daMPOT	14daMPOT

Trt No.	Treatment Name	Form Conc	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	55c	14c
1	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	55c	14c
1	IR5878	50	0.0656	lb ai/a	2.1	oz/a	MPOST		
1	NIS		0.25	% v/v	4.8	fl oz/a	MPOST		
1	Clincher	2.38	0.28	lb ai/a	15	fl oz/a			
1	COC		2	% v/v	38.4	fl oz/a			
2	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	61b	16bc
2	IR5878	50	0.081	lb ai/a	2.6	oz/a	MPOST		
2	NIS		0.25	% v/v	4.8	fl oz/a	MPOST		
2	Clincher	2.38	0.28	lb ai/a	15	fl oz/a			
2	COC		2	% v/v	38.4	fl oz/a			
3	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	64b	24ab
3	IR5878	50	0.097	lb ai/a	3.1	oz/a	MPOST		
3	NIS		0.25	% v/v	4.8	fl oz/a	MPOST		
3	Clincher	2.38	0.28	lb ai/a	15	fl oz/a			
3	COC		2	% v/v	38.4	fl oz/a			
4	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	69a	23ab
4	IR5878	50	0.113	lb ai/a	3.6	oz/a	MPOST		
4	NIS		0.25	% v/v	4.8	fl oz/a	MPOST		
4	Clincher	2.38	0.28	lb ai/a	15	fl oz/a			
4	COC		2	% v/v	38.4	fl oz/a			
5	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	70a	26a
5	IR5878	50	0.128	lb ai/a	4.1	oz/a	MPOST		
5	NIS		0.25	% v/v	4.8	fl oz/a	MPOST		
5	Clincher	2.38	0.28	lb ai/a	15	fl oz/a			
5	COC		2	% v/v	38.4	fl oz/a			
6	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	5d	10c
6	Permit	75	0.0314	lb ai/a	0.67	oz/a	MPOST		
6	NIS		0.25	% v/v	4.8	fl oz/a	MPOST		
6	Clincher	2.38	0.28	lb ai/a	15	fl oz/a			
6	COC		2	% v/v	38.4	fl oz/a			
7	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	8d	10c
7	Permit	75	0.047	lb ai/a	1	oz/a	MPOST		
7	NIS		0.25	% v/v	4.8	fl oz/a	MPOST		
7	Clincher	2.38	0.28	lb ai/a	15	fl oz/a			
7	COC		2	% v/v	38.4	fl oz/a			
LSD (P=.05)								4.3	7.7
Standard Deviation								2.9	5.2
CV								6.1	29.79

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

LSU AgCenter

Department of Agronomy and Environmental Management

Evaluation of IR5878 Rates for Weed Control

Trial ID: C06-19
 Location: RRS-Crowley, LA

Pest Code	SEBEX	SEBEX	SEBEX	SEBEX
Rating Date	15/Jun/2006	21/Jun/2006	5/Jul/2006	17/Jul/2006
Rating Data Type	CONTROL	CONTROL	CONTROL	CONTROL
Rating Unit	%	%	%	%
Trt-Eval Interval	8daMPOT	14daMPOT	28daMPOT	40daMPOT

Trt No.	Treatment Name	Form Conc	Rate	Other Rate	Other Rate	Growth Stage					
1	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	68c	95a	99a	99a
1	IR5878	50	0.0656	lb ai/a	2.1	oz/a	MPOST				
1	NIS		0.25	% v/v	4.8	fl oz/a	MPOST				
1	Clincher	2.38	0.28	lb ai/a	15	fl oz/a					
1	COC		2	% v/v	38.4	fl oz/a					
2	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	70c	95a	99a	99a
2	IR5878	50	0.081	lb ai/a	2.6	oz/a	MPOST				
2	NIS		0.25	% v/v	4.8	fl oz/a	MPOST				
2	Clincher	2.38	0.28	lb ai/a	15	fl oz/a					
2	COC		2	% v/v	38.4	fl oz/a					
3	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	68c	95a	99a	99a
3	IR5878	50	0.097	lb ai/a	3.1	oz/a	MPOST				
3	NIS		0.25	% v/v	4.8	fl oz/a	MPOST				
3	Clincher	2.38	0.28	lb ai/a	15	fl oz/a					
3	COC		2	% v/v	38.4	fl oz/a					
4	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	81b	95a	99a	99a
4	IR5878	50	0.113	lb ai/a	3.6	oz/a	MPOST				
4	NIS		0.25	% v/v	4.8	fl oz/a	MPOST				
4	Clincher	2.38	0.28	lb ai/a	15	fl oz/a					
4	COC		2	% v/v	38.4	fl oz/a					
5	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	80b	95a	99a	99a
5	IR5878	50	0.128	lb ai/a	4.1	oz/a	MPOST				
5	NIS		0.25	% v/v	4.8	fl oz/a	MPOST				
5	Clincher	2.38	0.28	lb ai/a	15	fl oz/a					
5	COC		2	% v/v	38.4	fl oz/a					
6	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	91a	95a	99a	99a
6	Permit	75	0.0314	lb ai/a	0.67	oz/a	MPOST				
6	NIS		0.25	% v/v	4.8	fl oz/a	MPOST				
6	Clincher	2.38	0.28	lb ai/a	15	fl oz/a					
6	COC		2	% v/v	38.4	fl oz/a					
7	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	89a	95a	99a	99a
7	Permit	75	0.047	lb ai/a	1	oz/a	MPOST				
7	NIS		0.25	% v/v	4.8	fl oz/a	MPOST				
7	Clincher	2.38	0.28	lb ai/a	15	fl oz/a					
7	COC		2	% v/v	38.4	fl oz/a					
LSD (P=.05)							4.3	0.0	0.0	0.0	
Standard Deviation							2.9	0.0	0.0	0.0	
CV							3.74	0.0	0.0	0.0	

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

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Department of Agronomy and Environmental Management

Evaluation of IR5878 Rates for Weed Control

Trial ID: C06-19
 Location: RRS-Crowley, LA

Pest Code	CYPIR	CYPIR	CYPIR	CYPIR
Rating Date	15/Jun/2006	21/Jun/2006	5/Jul/2006	17/Jul/2006
Rating Data Type	CONTROL	CONTROL	CONTROL	CONTROL
Rating Unit	%	%	%	%
Trt-Eval Interval	8daMPOT	14daMPOT	28daMPOT	40daMPOT

Trt No.	Treatment Name	Form Conc	Rate	Unit	Other Rate	Other Unit	Growth Stage	8daMPOT	14daMPOT	28daMPOT	40daMPOT
1	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	85bc	95a	99a	99a
1	IR5878	50	0.0656	lb ai/a	2.1	oz/a	MPOST				
1	NIS		0.25	% v/v	4.8	fl oz/a	MPOST				
1	Clincher	2.38	0.28	lb ai/a	15	fl oz/a					
1	COC		2	% v/v	38.4	fl oz/a					
2	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	84c	95a	99a	99a
2	IR5878	50	0.081	lb ai/a	2.6	oz/a	MPOST				
2	NIS		0.25	% v/v	4.8	fl oz/a	MPOST				
2	Clincher	2.38	0.28	lb ai/a	15	fl oz/a					
2	COC		2	% v/v	38.4	fl oz/a					
3	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	85bc	95a	99a	99a
3	IR5878	50	0.097	lb ai/a	3.1	oz/a	MPOST				
3	NIS		0.25	% v/v	4.8	fl oz/a	MPOST				
3	Clincher	2.38	0.28	lb ai/a	15	fl oz/a					
3	COC		2	% v/v	38.4	fl oz/a					
4	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	88abc	95a	99a	99a
4	IR5878	50	0.113	lb ai/a	3.6	oz/a	MPOST				
4	NIS		0.25	% v/v	4.8	fl oz/a	MPOST				
4	Clincher	2.38	0.28	lb ai/a	15	fl oz/a					
4	COC		2	% v/v	38.4	fl oz/a					
5	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	85bc	95a	99a	99a
5	IR5878	50	0.128	lb ai/a	4.1	oz/a	MPOST				
5	NIS		0.25	% v/v	4.8	fl oz/a	MPOST				
5	Clincher	2.38	0.28	lb ai/a	15	fl oz/a					
5	COC		2	% v/v	38.4	fl oz/a					
6	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	94a	95a	99a	99a
6	Permit	75	0.0314	lb ai/a	0.67	oz/a	MPOST				
6	NIS		0.25	% v/v	4.8	fl oz/a	MPOST				
6	Clincher	2.38	0.28	lb ai/a	15	fl oz/a					
6	COC		2	% v/v	38.4	fl oz/a					
7	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	93ab	95a	99a	99a
7	Permit	75	0.047	lb ai/a	1	oz/a	MPOST				
7	NIS		0.25	% v/v	4.8	fl oz/a	MPOST				
7	Clincher	2.38	0.28	lb ai/a	15	fl oz/a					
7	COC		2	% v/v	38.4	fl oz/a					
LSD (P=.05)								7.9	0.0	0.0	0.0
Standard Deviation								5.3	0.0	0.0	0.0
CV								6.1	0.0	0.0	0.0

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

LSU AgCenter

Department of Agronomy and Environmental Management

Evaluation of IR5878 Rates for Weed Control

Trial ID: C06-19
 Location: RRS-Crowley, LA

Pest Code		RICE		RICE		RICE		RICE			
Rating Date		15/Jun/2006		21/Jun/2006		5/Jul/2006		17/Jul/2006			
Rating Data Type		INJURY		INJURY		INJURY		IN JURY			
Rating Unit		%		%		%		%			
Trt-Eval Interval		8daMPOT		14daMPOT		28daMPOT		40daMPOT			
Trt No.	Treatment Name	Form Conc	Rate	Unit	Other Rate	Other Rate Unit	Growth Stage	0a	0a	0a	0a
1	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	0a	0a	0a	0a
1	IR5878	50	0.0656	lb ai/a	2.1	oz/a	MPOST				
1	NIS		0.25	% v/v	4.8	fl oz/a	MPOST				
1	Clincher	2.38	0.28	lb ai/a	15	fl oz/a					
1	COC		2	% v/v	38.4	fl oz/a					
2	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	0a	0a	0a	0a
2	IR5878	50	0.081	lb ai/a	2.6	oz/a	MPOST				
2	NIS		0.25	% v/v	4.8	fl oz/a	MPOST				
2	Clincher	2.38	0.28	lb ai/a	15	fl oz/a					
2	COC		2	% v/v	38.4	fl oz/a					
3	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	0a	0a	0a	0a
3	IR5878	50	0.097	lb ai/a	3.1	oz/a	MPOST				
3	NIS		0.25	% v/v	4.8	fl oz/a	MPOST				
3	Clincher	2.38	0.28	lb ai/a	15	fl oz/a					
3	COC		2	% v/v	38.4	fl oz/a					
4	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	0a	0a	0a	0a
4	IR5878	50	0.113	lb ai/a	3.6	oz/a	MPOST				
4	NIS		0.25	% v/v	4.8	fl oz/a	MPOST				
4	Clincher	2.38	0.28	lb ai/a	15	fl oz/a					
4	COC		2	% v/v	38.4	fl oz/a					
5	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	0a	0a	0a	0a
5	IR5878	50	0.128	lb ai/a	4.1	oz/a	MPOST				
5	NIS		0.25	% v/v	4.8	fl oz/a	MPOST				
5	Clincher	2.38	0.28	lb ai/a	15	fl oz/a					
5	COC		2	% v/v	38.4	fl oz/a					
6	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	0a	0a	0a	0a
6	Permit	75	0.0314	lb ai/a	0.67	oz/a	MPOST				
6	NIS		0.25	% v/v	4.8	fl oz/a	MPOST				
6	Clincher	2.38	0.28	lb ai/a	15	fl oz/a					
6	COC		2	% v/v	38.4	fl oz/a					
7	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	0a	0a	0a	0a
7	Permit	75	0.047	lb ai/a	1	oz/a	MPOST				
7	NIS		0.25	% v/v	4.8	fl oz/a	MPOST				
7	Clincher	2.38	0.28	lb ai/a	15	fl oz/a					
7	COC		2	% v/v	38.4	fl oz/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

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

LSU AgCenter

Department of Agronomy and Environmental Management

Glyphosate Drift on Rice

Experiment number.....: **C06-20**
 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: 03/28/06
 Harvest date.....: 08/11/06
 Crop/Variety: Rice/Cocodrie
 Emergence date.....: 04/07/06
 Uniform std. treatment.....: N/A

Application type.....:	1 Tiller	PD	BOOT	Maturity
Date applied [mm/dd/yy] ...:	5/12/06	6/8/06	6/29/06	8-9-06
Time [hh:mm-hh:mm].....:	5:50-6:00a	7:30-7:40p	5:45-6:00a	6:00-6:15a
Incorporation equip./Depth:	N/A	N/A	N/A	N/A
Air/Soil temperature [F]	57/68	87/86	69/80	81/85
Relative humidity [%].....:	74	63	50	70
Wind [mph, direction]	0-1 S	0-2 S	0	0-1 N
Weather [sunny, etc]	sunny	sunny	pt cloudy	pt cloudy
Soil/Leaf surface moist.....:	dry/dry	flood/dry	flood/wet	wet/wet
Crop stage/Height	1 till/6-8"	PD/15-17"	Boot/30-36"	Maturity/33-38"
Sprayer type/MPH.....:	MMaster/3,6	MMaster/3,6	MMaster/3,6	MMaster/3,6
Nozzle type/Size	CJTX-2/0033	CJTX-2/0033	CJTX-2/0033	CJTX-2/0033
Boom ht/# Noz/Spacing ...:	20/16	18"/6/15"	18"/6/13"	18"/6/13"
GPA/PSI.....:	3.1,1.6/25	3.1,1.6/22	3.1,1.6/22	3.1,1.6/22
Applied by	Hensley	Hensley	Hensley	Hensley

Flush Dates.....: 4/5,4/20,5/19,6/1,6/13
 Permanent Flood

LSU AgCenter

Department of Agronomy and Environmental Management

Glyphosate Drift to Rice

Trial ID: C06-20
 Location: RRS-Crowley, LA

Weed Code							Avg, Ht	Stem Count	Head Count
Rating Data Type							% NT	per 18"	per 18"
Rating Unit							7/Aug/2006	10/Aug/2006	10/Aug/2006
Rating Date							Maturity	Harvest	Harvest
Trt-Eval Interval									
Trt No.	Treatment Name	Form Conc	Rate	Product Unit	Product Rate	Product Unit	Grow Stg		
1	Roundup Weathermax	5.5	0.1183	lb ai/a	2.75	fl oz/a	99ab	55a-d	48bc
1	1 Tiller						1 Tiller		
2	Roundup Weathermax	5.5	0.1183	lb ai/a	2.75	fl oz/a	92cd	73a	76a
2	PD						PD		
3	Roundup Weathermax	5.5	0.1183	lb ai/a	2.75	fl oz/a	90d	64ab	49bc
3	BOOT						BOOT		
4	Roundup Weathermax	5.5	0.1183	lb ai/a	2.75	fl oz/a	104a	33e	33c
4	Maturity						Mature		
5	Roundup Weathermax	5.5	0.0591	lb ai/a	1.38	fl oz/a	99ab	45b-e	41c
5	1 Tiller						1 Tiller		
6	Roundup Weathermax	5.5	0.0591	lb ai/a	1.38	fl oz/a	97bc	60abc	62ab
6	PD						PD		
7	Roundup Weathermax	5.5	0.0591	lb ai/a	1.38	fl oz/a	91d	48b-e	35c
7	BOOT						BOOT		
8	Roundup Weathermax	5.5	0.0591	lb ai/a	1.38	fl oz/a	103a	39de	36c
8	Maturity						Mature		
9	Nontreated						100ab	41cde	34c
LSD (P=.05)							5.5	20.7	18.4
Standard Deviation							3.8	14.2	12.6
CV							3.88	27.97	27.5
Replicate F							5.555	0.050	0.287
Replicate Prob(F)							0.0049	0.9851	0.8346
Treatment F							7.756	3.503	5.514
Treatment Prob(F)							0.0001	0.0081	0.0005

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

LSU AgCenter

Department of Agronomy and Environmental Management

Glyphosate Drift to Rice

Trial ID: C06-20
 Location: RRS-Crowley, LA

Weed Code							Yield	Yield	Yield	
Rating Data Type							lbs/A	bu/A	% NT	
Rating Unit							11/Aug/2006	11/Aug/2006	11/Aug/2006	
Rating Date							Harvest	Harvest	Harvest	
Trt-Eval Interval										
Trt No.	Treatment Name	Form Conc	Rate	Product Unit	Product Rate	Product Unit	Grow Stg			
1	Roundup Weathermax	5.5	0.1183	lb ai/a	2.75	fl oz/a		3752e	83e	66e
1	1 Tiller						1 Tiller			
2	Roundup Weathermax	5.5	0.1183	lb ai/a	2.75	fl oz/a		3694ef	82ef	65ef
2	PD						PD			
3	Roundup Weathermax	5.5	0.1183	lb ai/a	2.75	fl oz/a		3042f	68f	54f
3	BOOT						BOOT			
4	Roundup Weathermax	5.5	0.1183	lb ai/a	2.75	fl oz/a		5483ab	122ab	97ab
4	Maturity						Mature			
5	Roundup Weathermax	5.5	0.0591	lb ai/a	1.38	fl oz/a		4928bc	110bc	87bc
5	1 Tiller						1 Tiller			
6	Roundup Weathermax	5.5	0.0591	lb ai/a	1.38	fl oz/a		4571cd	102cd	81cd
6	PD						PD			
7	Roundup Weathermax	5.5	0.0591	lb ai/a	1.38	fl oz/a		4248de	94de	75de
7	BOOT						BOOT			
8	Roundup Weathermax	5.5	0.0591	lb ai/a	1.38	fl oz/a		5902a	131a	104a
8	Maturity						Mature			
9	Nontreated							5462ab	121ab	96ab
LSD (P=.05)								668.1	14.8	11.2
Standard Deviation								457.8	10.2	7.7
CV								10.03	10.03	9.51
Replicate F								0.404	0.404	2.712
Replicate Prob(F)								0.7518	0.7516	0.0674
Treatment F								17.669	17.669	19.383
Treatment Prob(F)								0.0001	0.0001	0.0001

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

LSU AgCenter

Department of Agronomy and Environmental Management

Glufosinate Drift on Rice

Experiment number.....: **C06-21**
 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: 03/28/06
 Harvest date.....: 08/11/06
 Crop/Variety: Rice/ Cocodrie
 Emergence date.....: 04/7/06
 Uniform std. treatment.....: N/A

Application type.....:	1 TILL	PD	Boot	Maturity
Date applied [mm/dd/yy] ...:	5/12/06	6/8/06	6/29/06	8/9/06
Time [hh:mm-hh:mm].....:	6:00-6:10a	7:50-8:15p	6:00-6:15a	6:00-6:15a
Incorporation equip./Depth:	N/A	N/A	N/A	N/A
Air/Soil temperature [F]	57/68	87/86	70/80	81/85
Relative humidity [%].....:	74	63	50	70
Wind [mph, direction]	0-1 S	1-3 S	0	0-1 N
Weather [sunny, etc]	sunny	sunny	pt cloudy	pt cloudy
Soil/Leaf surface moist.....:	dry/dry	flood/dry	flood/wet	wet/wet
Crop stage/Height	1 till/6-8"	PD/15-17"	Boot/30-36"	Maturity/33-38"
Sprayer type/MPH.....:	MMaster/3,6	MMaster/3,6	MMaster/3,6	MMaster/3,6
Nozzle type/Size	CJTX-2/0033	CJTX-2/0033	CJTX-2/0033	CJTX-2/0033
Boom ht/# Noz/Spacing ...:	20/5/16	18"/6/15"	18"/6 /15"	18"/6 /15"
GPA/PSI.....:	3.1,1.6/25	3.1,1.6/22	3.1,1.6/22	3.1,1.6/22
Applied by	Hensley	Hensley	Hensley	Hensley

Flush Dates.....: 4/5,4/20,5/19,6/1,6/13
 Permanent Flood

LSU AgCenter

Department of Agronomy and Environmental Management

Glufosinate Drift on Rice

Trial ID: C06-21
 Location: RRS-Crowley, LA

Weed Code						Avg. Height	Stem Count	Head Count	
Rating Data Type						% NT	per 18"	per 18"	
Rating Unit						8/Aug/2006	10/Aug/2006	10/Aug/2006	
Rating Date						Maturity	Harvest	Harvest	
Trt-Eval Interval									
Trt No.	Treatment Name	Form Conc	Rate Rate	Product Rate	Product Rate	Grow Stg			
1	Glufosinate - Ignite	2.34	0.0548	lb ai/a	3	fl oz/a	102ab	38a	38a
1	1 Tiller								1 Tiller
2	Glufosinate - Ignite	2.34	0.0548	lb ai/a	3	fl oz/a	100b	32a	31ab
2	PD								PD
3	Glufosinate - Ignite	2.34	0.0548	lb ai/a	3	fl oz/a	101ab	35a	39a
3	BOOT								BOOT
4	Glufosinate - Ignite	2.34	0.0548	lb ai/a	3	fl oz/a	103a	33a	32ab
4	Maturity								Mature
5	Glufosinate - Ignite	2.34	0.0275	lb ai/a	1.5	fl oz/a	101ab	36a	34ab
5	1 Tiller								1 Tiller
6	Glufosinate - Ignite	2.34	0.0275	lb ai/a	1.5	fl oz/a	103ab	23b	26b
6	PD								PD
7	Glufosinate - Ignite	2.34	0.0275	lb ai/a	1.5	fl oz/a	102ab	33a	32ab
7	BOOT								BOOT
8	Glufosinate - Ignite	2.34	0.0275	lb ai/a	1.5	fl oz/a	103a	35a	35a
8	Maturity								Mature
9	Nontreated						100b	33a	31ab
LSD (P=.05)							3.2	7.2	8.1
Standard Deviation							2.2	4.9	5.5
CV							2.19	14.97	16.8
Replicate F							5.846	4.795	5.959
Replicate Prob(F)							0.0038	0.0093	0.0035
Treatment F							1.443	2.800	1.948
Treatment Prob(F)							0.2299	0.0242	0.0988

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

LSU AgCenter

Department of Agronomy and Environmental Management

Glufosinate Drift on Rice

Trial ID: C06-21
 Location: RRS-Crowley, LA

Weed Code							Yield	Yield	Yield	
Rating Data Type							lbs/A	bu/A	% NT	
Rating Unit							11/Aug/2006	11/Aug/2006	11/Aug/2006	
Rating Date							Harvest	Harvest	Harvest	
Trt-Eval Interval										
Trt No.	Treatment Name	Form Conc	Rate Rate	Unit Unit	Product Rate	Product Rate	Grow Stg			
1	Glufosinate - Ignite	2.34	0.0548	lb ai/a	3	fl oz/a		5346abc	119abc	94abc
1	1 Tiller						1 Tiller			
2	Glufosinate - Ignite	2.34	0.0548	lb ai/a	3	fl oz/a		5199bc	116bc	92bc
2	PD						PD			
3	Glufosinate - Ignite	2.34	0.0548	lb ai/a	3	fl oz/a		5054c	112c	89c
3	BOOT						BOOT			
4	Glufosinate - Ignite	2.34	0.0548	lb ai/a	3	fl oz/a		5598ab	124ab	99ab
4	Maturity						Mature			
5	Glufosinate - Ignite	2.34	0.0275	lb ai/a	1.5	fl oz/a		5362abc	119abc	95abc
5	1 Tiller						1 Tiller			
6	Glufosinate - Ignite	2.34	0.0275	lb ai/a	1.5	fl oz/a		5585ab	124ab	99ab
6	PD						PD			
7	Glufosinate - Ignite	2.34	0.0275	lb ai/a	1.5	fl oz/a		4639d	103d	82d
7	BOOT						BOOT			
8	Glufosinate - Ignite	2.34	0.0275	lb ai/a	1.5	fl oz/a		5398abc	120abc	95abc
8	Maturity						Mature			
9	Nontreated							5672a	126a	100a
LSD (P=.05)								410.9	9.1	7.3
Standard Deviation								281.5	6.3	5.0
CV								5.29	5.29	5.34
Replicate F								2.054	2.055	6.517
Replicate Prob(F)								0.1330	0.1329	0.0022
Treatment F								5.228	5.229	5.159
Treatment Prob(F)								0.0007	0.0007	0.0008

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

LSU AgCenter

Department of Agronomy and Environmental Management

Imazamox Drift on Rice

Experiment number.....: **C06-22**
 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: 03/28/06
 Harvest date.....: 08/11/06
 Crop/Variety: Rice/Cocodrie
 Emergence date.....: 04/07/06
 Uniform std. treatment.....: N/A

Application type.....:	1 Tiller	PD	BOOT	Maturity
Date applied [mm/dd/yy] ...:	5/12/06	06/09/06	6/29/06	8/9/06
Time [hh:mm-hh:mm].....:	6:10-6:20a	6:00-6:15a	6:15-6:30a	6:15-6:30a
Incorporation equip./Depth:	N/A	N/A	N/A	N/A
Air/Soil temperature [F]	57/68	78/80	70/80	81/85
Relative humidity [%].....:	74%	79	50	70
Wind [mph, direction]	0-1 S	0	0	0-1 N
Weather [sunny, etc]	sunny	pt cloudy	pt cloudy	pt cloudy
Soil/Leaf surface moist.....:	dry/dry	flood/wet	flood/wet	wet/wet
Crop stage/Height	1 till/6-8"	PD/15-18"	Boot/69-72"	Maturity/33-38"
Sprayer type/MPH.....:	MMaster/3,6	MMaster/3,6	MMaster/3,6	MMaster/3,6
Nozzle type/Size	CJTX-2/0033	CJTX-2/0033	CJTX-2/0033	CJTX-2/0033
Boom ht/# Noz/Spacing ...:	20"/5/16"	18"/6/15"	18"/6/15"	18"/6/15"
GPA/PSI.....:	3.1,1.6/25	3.1,1.6/22	3.1,1.6/22	3.1,1.6/22
Applied by	Hensley	Hensley	Hensley	Hensley

Flush Dates.....: 4/5,4/20,5/19,6/1,6/13
 Permanent Flood

LSU AgCenter

Department of Agronomy and Environmental Management

Imazamox Drift to Rice

Trial ID: C06-22
Location: RRS-Crowley, LA

Weed Code		Rating Data Type		Rating Unit		Rating Date		Tri-Eval Interval	
Trt	Treatment	Form	Rate	Product	Product	Grow	Avg. Height	Stem	Head
No.	Name	Conc	Rate	Unit	Rate	Unit	% NT	per 18"	per 18"
						Stg	7/Aug/2006	10/Aug/2006	10/Aug/2006
							Maturity	Harvest	Harvest
1	Beyond	1	0.0049	lb ai/a	0.625	fl oz/a	100a	30c	30c
1	Agridex	1		% v/v	4	fl oz/a			
1	1 Tiller					1 Tiller			
2	Beyond	1	0.0049	lb ai/a	0.625	fl oz/a	89b	43b	40bc
2	Agridex	1		% v/v	4	fl oz/a			
2	PD					PD			
3	Beyond	1	0.0049	lb ai/a	0.625	fl oz/a	90b	69a	55a
3	Agridex	1		% v/v	4	fl oz/a			
3	BOOT					BOOT			
4	Beyond	1	0.0049	lb ai/a	0.625	fl oz/a	102a	42b	46ab
4	Agridex	1		% v/v	4	fl oz/a			
4	Maturity					Mature			
5	Beyond	1	0.00244	lb ai/a	0.3125	fl oz/a	100a	39bc	38bc
5	Agridex	1		% v/v	2	fl oz/a			
5	1 Tiller					1 Tiller			
6	Beyond	1	0.00244	lb ai/a	0.3125	fl oz/a	103a	41bc	37bc
6	Agridex	1		% v/v	2	fl oz/a			
6	PD					PD			
7	Beyond	1	0.00244	lb ai/a	0.3125	fl oz/a	93b	41bc	39bc
7	Agridex	1		% v/v	2	fl oz/a			
7	BOOT					BOOT			
8	Beyond	1	0.00244	lb ai/a	0.3125	fl oz/a	100a	34bc	32c
8	Agridex	1		% v/v	2	fl oz/a			
8	Maturity					Mature			
9	Nontreated						100a	35bc	34bc
LSD (P=.05)							6.1	12.2	14.0
Standard Deviation							4.2	8.4	9.6
CV							4.27	20.29	24.72
Replicate F							5.238	1.146	0.748
Replicate Prob(F)							0.0064	0.3508	0.5341
Treatment F							6.246	6.994	2.560
Treatment Prob(F)							0.0002	0.0001	0.0357

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

LSU AgCenter

Department of Agronomy and Environmental Management

Imazamox Drift to Rice

Trial ID: C06-22
Location: RRS-Crowley, LA

Weed Code							Yield	Yield	Yield	
Rating Data Type							lbs/A	bu/A	% NT	
Rating Unit							11/Aug/2006	11/Aug/2006	11/Aug/2006	
Rating Date							Harvest	Harvest	Harvest	
Trt-Eval Interval										
Trt	Treatment	Form	Rate	Product	Product	Grow				
No.	Name	Conc	Rate	Unit	Rate	Unit	Stg			
1	Beyond	1	0.0049	lb ai/a	0.625	fl oz/a		4755ab	106ab	93bc
1	Agridex	1		% v/v	4	fl oz/a				
1	1 Tiller						1 Tiller			
2	Beyond	1	0.0049	lb ai/a	0.625	fl oz/a		3819c	85c	75d
2	Agridex	1		% v/v	4	fl oz/a				
2	PD						PD			
3	Beyond	1	0.0049	lb ai/a	0.625	fl oz/a		2840d	63d	56e
3	Agridex	1		% v/v	4	fl oz/a				
3	BOOT						BOOT			
4	Beyond	1	0.0049	lb ai/a	0.625	fl oz/a		5362a	119a	104a
4	Agridex	1		% v/v	4	fl oz/a				
4	Maturity						Mature			
5	Beyond	1	0.00244	lb ai/a	0.3125	fl oz/a		4838ab	108ab	94abc
5	Agridex	1		% v/v	2	fl oz/a				
5	1 Tiller						1 Tiller			
6	Beyond	1	0.00244	lb ai/a	0.3125	fl oz/a		5011ab	111ab	97abc
6	Agridex	1		% v/v	2	fl oz/a				
6	PD						PD			
7	Beyond	1	0.00244	lb ai/a	0.3125	fl oz/a		4504b	100b	88c
7	Agridex	1		% v/v	2	fl oz/a				
7	BOOT						BOOT			
8	Beyond	1	0.00244	lb ai/a	0.3125	fl oz/a		4844ab	108ab	94abc
8	Agridex	1		% v/v	2	fl oz/a				
8	Maturity						Mature			
9	Nontreated							5156a	115a	100ab
LSD (P=.05)							609.5	13.5	11.3	
Standard Deviation							417.6	9.3	7.7	
CV							9.14	9.14	8.68	
Replicate F							0.820	0.819	6.176	
Replicate Prob(F)							0.4958	0.4959	0.0029	
Treatment F							14.064	14.064	15.185	
Treatment Prob(F)							0.0001	0.0001	0.0001	

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

LSU AgCenter

Department of Agronomy and Environmental Management

Imazethapyr Drift on Rice

Experiment number.....: **C06-23**
 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: 03/28/06
 Harvest date.....: 08/11/06
 Crop/Variety: Rice/Cocodrie
 Emergence date.....: 04/07/06
 Uniform std. treatment.....: N/A

Application type.....:	1 Tiller	PD	BOOT	Maturity
Date applied [mm/dd/yy] ...:	5/2/06	06/09/06	6/29/06	8/9/06
Time [hh:mm-hh:mm].....:	6:20-6:30a	6:20-6:35a	6:30-6:45a	6:30-6:45a
Incorporation equip./Depth:	N/A	N/A	N/A	N/A
Air/Soil temperature [F]	57-68	78/80	71/80	81/85
Relative humidity [%].....:	74	79	50	70
Wind [mph, direction]	0-1 S	0	0	0-1 N
Weather [sunny, etc]	sunny	pt. cloudy	pt cloudy	pt cloudy
Soil/Leaf surface moist.....:	dry/dry	flood/wet	flood/wet	wet/wet
Crop stage/Height	1 tiller/6-8"	PD/15-18"	Boot/69-72"	Maturity/33-38"
Sprayer type/MPH.....:	MMaster/3,6	MMaster/3,6	MMaster/3,6	MMaster/3,6
Nozzle type/Size	CJTX-2/0033	CJTX-2/0033	CJTX-2/0033	CJTX-2/0033
Boom ht/# Noz/Spacing ...:	18"/20/16"	18"/6/15"	18"/6/15"	18"/6/15"
GPA/PSI.....:	3.1,1.6/25	3.1,1.6/22	3.1,1.6/22	3.1,1.6/22
Applied by	Hensley	Hensley	Hensley	Hensley

Flush Dates.....: 4/5,4/20,5/19,6/1,6/13
 Permanent Flood: 6/14

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Department of Agronomy and Environmental Management

Imazethapyr Drift on Rice

Trial ID: C06-23
 Location: RRS-Crowley, LA

Weed Code		Rating Data Type		Rating Unit		Rating Date		Trt-Eval Interval		
		Avg. Height		Stems		Heads				
		% NT		per 18"		per 18"				
		7/Aug/2006		10/Aug/2006		10/Aug/2006				
		Maturity		Harvest		Harvest				
Trt No.	Treatment Name	Form Conc	Rate	Product Unit	Product Rate	Product Unit	Grow Stg	Avg. Height	Stems	Heads
1	Newpath	2	0.0078	lb ai/a	0.5	fl oz/a		97ab	36bcd	40abc
1	Agridex	1		% v/v	4	fl oz/a				
1	1 Tiller						1 Tiller			
2	Newpath	2	0.0078	lb ai/a	0.5	fl oz/a		89cd	56ab	54a
2	Agridex	1		% v/v	4	fl oz/a				
2	PD						PD			
3	Newpath	2	0.0078	lb ai/a	0.5	fl oz/a		93bc	67a	55a
3	Agridex	1		% v/v	4	fl oz/a				
3	BOOT						BOOT			
4	Newpath	2	0.0078	lb ai/a	0.5	fl oz/a		99ab	34cd	34bc
4	Agridex	1		% v/v	4	fl oz/a				
4	Maturity						Mature			
5	Newpath	2	0.0039	lb ai/a	0.25	fl oz/a		97ab	39bcd	40abc
5	Agridex	1		% v/v	2	fl oz/a				
5	1 Tiller						1 Tiller			
6	Newpath	2	0.0039	lb ai/a	0.25	fl oz/a		98ab	39bcd	32bc
6	Agridex	1		% v/v	2	fl oz/a				
6	PD						PD			
7	Newpath	2	0.0039	lb ai/a	0.25	fl oz/a		85d	50abc	46ab
7	Agridex	1		% v/v	2	fl oz/a				
7	BOOT						BOOT			
8	Newpath	2	0.0039	lb ai/a	0.25	fl oz/a		98ab	28d	26c
8	Agridex	1		% v/v	2	fl oz/a				
8	Maturity						Mature			
9	Nontreated							100a	30cd	30bc
LSD (P=.05)								6.7	20.0	16.8
Standard Deviation								4.6	13.7	11.5
CV								4.85	32.66	29.18
Replicate F								2.881	0.289	0.369
Replicate Prob(F)								0.0568	0.8331	0.7761
Treatment F								4.842	3.568	3.167
Treatment Prob(F)								0.0012	0.0073	0.0135

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

LSU AgCenter

Department of Agronomy and Environmental Management

Imazethapyr Drift to Rice

Trial ID: C06-23
Location: RRS-Crowley, LA

Weed Code		Rating Data Type		Rating Unit		Rating Date		Trt-Eval Interval		
Yield	Yield	Yield								
lbs/A	bu/A	% NT								
11/Aug/2006	11/Aug/2006	11/Aug/2006								
Harvest	Harvest	Harvest								
Trt No.	Treatment Name	Form Conc	Rate	Product Unit	Product Rate	Product Unit	Grow Stg	Yield lbs/A	Yield bu/A	Yield % NT
1	Newpath	2	0.0078	lb ai/a	0.5	fl oz/a		4965abc	110abc	92ab
1	Agridex	1		% v/v	4	fl oz/a				
1	1 Tiller						1 Tiller			
2	Newpath	2	0.0078	lb ai/a	0.5	fl oz/a		3262d	72d	60d
2	Agridex	1		% v/v	4	fl oz/a				
2	PD						PD			
3	Newpath	2	0.0078	lb ai/a	0.5	fl oz/a		2580e	57e	48e
3	Agridex	1		% v/v	4	fl oz/a				
3	BOOT						BOOT			
4	Newpath	2	0.0078	lb ai/a	0.5	fl oz/a		5086ab	113ab	93ab
4	Agridex	1		% v/v	4	fl oz/a				
4	Maturity						Mature			
5	Newpath	2	0.0039	lb ai/a	0.25	fl oz/a		4338c	96c	80c
5	Agridex	1		% v/v	2	fl oz/a				
5	1 Tiller						1 Tiller			
6	Newpath	2	0.0039	lb ai/a	0.25	fl oz/a		4658bc	104bc	86bc
6	Agridex	1		% v/v	2	fl oz/a				
6	PD						PD			
7	Newpath	2	0.0039	lb ai/a	0.25	fl oz/a		3322d	74d	61d
7	Agridex	1		% v/v	2	fl oz/a				
7	BOOT						BOOT			
8	Newpath	2	0.0039	lb ai/a	0.25	fl oz/a		4876abc	108abc	90abc
8	Agridex	1		% v/v	2	fl oz/a				
8	Maturity						Mature			
9	Nontreated							5441a	121a	100a
LSD (P=.05)								633.3	14.1	11.4
Standard Deviation								433.9	9.6	7.8
CV								10.14	10.14	9.94
Replicate F								1.203	1.202	0.592
Replicate Prob(F)								0.3300	0.3304	0.6265
Treatment F								20.752	20.750	21.560
Treatment Prob(F)								0.0001	0.0001	0.0001

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

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Department of Agronomy and Environmental Management

Evaluate Clearfield Rice Tolerance to Ricestar HT and Newpath

Experiment number.....:	C06-26		
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	04/04/06		
Harvest date.....:	N/A		
Crop/Variety	Rice/Variety		
Emergence date.....:	04/14/06		
Uniform std. treatment.....:	N/A		
Application type.....:	1-2 LF	3 dPrior to 4 LF	4 LF
Date applied [mm/dd/yy] ...:	5/4/06	5/9/06	5/12/06
Time [hh:mm-hh:mm].....:	12:25-12:50p	7:00-7:15a	8:10-8:30a
Incorporation equip./Depth:	N/A	N/A	N/A
Air/Soil temperature [F]	83/80	78/76	66/65
Relative humidity [%].....:	48	78	60
Wind [mph, direction]	4-6 SW	6-8 S	1-3 W
Weather [sunny, etc]	cloudy	pt cloudy	sunny
Soil/Leaf surface moist.....:	wet/wet	wet/wet	wet/dry
Crop stage/Height	1-4 lf	2-5 lf/2-5"	2 till/12-14"
Sprayer type/MPH.....:	CO ₂ BkPk/3.0	CO ₂ BkPk/3.0	CO ₂ BkPk/3.0
Nozzle type/Size	AM/110015	AMFF/110015	AMFF/110015
Boom ht/# Noz/Spacing ...:	20"/5/15"	15"/5/15"	18"/5/15"
GPA/PSI.....:	15/25	15/18	15/28
Applied by	Webster	Webster	Webster
Flush Dates.....:	4/5,4/20		
Permanent Flood	5/15		

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Evaluate Clearfield Rice Tolerance to Ricestar and Newpath Applications

Trial ID: C06-26
 Location: RRS-Crowley, LA

Pest Code				RICE		RICE		RICE		RICE	
Rating Date				18/May/2006		18/May/2006		25/May/2006		30/May/2006	
Rating Data Type				INJURY		AVG HEIGHT		INJURY		STAND	
Rating Unit				%		cm		%		400 in2	
Trt-Eval Interval				6da4LF		6da4LF		14da4LF		19da4LF	
Trt No.	Treatment Name	Form Conc	Rate	Other Rate	Other Rate	Other Unit	Growth Stage				
1	Shallow							28b	26hi	18c	19b-e
1	XL8										
1	Nontreated										
1	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE				
1	Newpath	2	0.0625	lb ai/a	4	fl oz/a	1-2 lf				
1	Agridex		1	% v/v	19.2	fl oz/a	1-2 lf				
2	Shallow							28b	26h	18c	19a-e
2	XL8										
2	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE				
2	Newpath	2	0.0625	lb ai/a	4	fl oz/a	1-2 lf				
2	Agridex		1	% v/v	19.2	fl oz/a	1-2 lf				
2	Newpath	2	0.0625	lb ai/a	4	fl oz/a	4-lf				
2	Agridex		1	% v/v	19.2	fl oz/a	4-lf				
3	Shallow							29b	26hi	19bc	16c-g
3	XL8										
3	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE				
3	Newpath	2	0.0625	lb ai/a	4	fl oz/a	1-2 lf				
3	Agridex		1	% v/v	19.2	fl oz/a	1-2 lf				
3	Newpath	2	0.1875	lb ai/a	12	fl oz/a	4-lf				
3	Agridex		1	% v/v	19.2	fl oz/a	4-lf				
4	Shallow							35a	23ij	25b	16b-g
4	XL8										
4	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE				
4	Newpath	2	0.0625	lb ai/a	4	fl oz/a	1-2 lf				
4	Agridex		1	% v/v	19.2	fl oz/a	1-2 lf				
4	Ricestar HT	0.58	0.091	lb ai/a	20	fl oz/a	3 dPrior4lf				
4	Newpath	2	0.0625	lb ai/a	4	fl oz/a	4-lf				
4	Agridex		1	% v/v	19.2	fl oz/a	4-lf				
5	Shallow							40a	21j	38a	11efg
5	XL8										
5	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE				
5	Newpath	2	0.0625	lb ai/a	4	fl oz/a	1-2 lf				
5	Agridex		1	% v/v	19.2	fl oz/a	1-2 lf				
5	Ricestar HT	0.58	0.091	lb ai/a	20	fl oz/a	3 dPrior4lf				
5	Newpath	2	0.1875	lb ai/a	12	fl oz/a	4-lf				
5	Agridex		1	% v/v	19.2	fl oz/a	4-lf				
6	Shallow							0g	32ef	1gh	18b-f
6	CL131										
6	Nontreated										
6	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE				
6	Newpath	2	0.0625	lb ai/a	4	fl oz/a	1-2 lf				
6	Agridex		1	% v/v	19.2	fl oz/a	1-2 lf				

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Pest Code				RICE		RICE		RICE		RICE	
Rating Date				18/May/2006		18/May/2006		25/May/2006		30/May/2006	
Rating Data Type				INJURY		AVG HEIGHT		INJURY		STAND	
Rating Unit				%		cm		%		400 in2	
Trt-Eval Interval				6da4LF		6da4LF		14da4LF		19da4LF	
Trt No.	Treatment Name	Form Conc	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage				
7	Shallow							0g	31efg	0h	27a
7	CL131										
7	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE				
7	Newpath	2	0.0625	lb ai/a	4	fl oz/a	1-2 lf				
7	Agridex		1	% v/v	19.2	fl oz/a	1-2 lf				
7	Newpath	2	0.0625	lb ai/a	4	fl oz/a	4-lf				
7	Agridex		1	% v/v	19.2	fl oz/a	4-lf				
8	Shallow							0g	31ef	0h	23abc
8	CL131										
8	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE				
8	Newpath	2	0.0625	lb ai/a	4	fl oz/a	1-2 lf				
8	Agridex		1	% v/v	19.2	fl oz/a	1-2 lf				
8	Newpath	2	0.1875	lb ai/a	12	fl oz/a	4-lf				
8	Agridex		1	% v/v	19.2	fl oz/a	4-lf				
9	Shallow							6def	29fgh	9def	24ab
9	CL131										
9	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE				
9	Newpath	2	0.0625	lb ai/a	4	fl oz/a	1-2 lf				
9	Agridex		1	% v/v	19.2	fl oz/a	1-2 lf				
9	Ricestar HT	0.58	0.091	lb ai/a	20	fl oz/a	3 dPrior4lf				
9	Newpath	2	0.0625	lb ai/a	4	fl oz/a	4-lf				
9	Agridex		1	% v/v	19.2	fl oz/a	4-lf				
10	Shallow							5d-g	28gh	8efg	22a-d
10	CL131										
10	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE				
10	Newpath	2	0.0625	lb ai/a	4	fl oz/a	1-2 lf				
10	Agridex		1	% v/v	19.2	fl oz/a	1-2 lf				
10	Ricestar HT	0.58	0.091	lb ai/a	20	fl oz/a	3 dPrior4lf				
10	Newpath	2	0.1875	lb ai/a	12	fl oz/a	4-lf				
10	Agridex		1	% v/v	19.2	fl oz/a	4-lf				
11	Deep							1fg	36cd	9def	10fg
11	XL8										
11	Nontreated										
11	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE				
11	Newpath	2	0.0625	lb ai/a	4	fl oz/a	1-2 lf				
11	Agridex		1	% v/v	19.2	fl oz/a	1-2 lf				
12	Deep							4efg	37bcd	6fgh	16b-g
12	XL8										
12	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE				
12	Newpath	2	0.0625	lb ai/a	4	fl oz/a	1-2 lf				
12	Agridex		1	% v/v	19.2	fl oz/a	1-2 lf				
12	Newpath	2	0.0625	lb ai/a	4	fl oz/a	4-lf				
12	Agridex		1	% v/v	19.2	fl oz/a	4-lf				
13	Deep							3fg	34de	15cd	9g
13	XL8										
13	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE				
13	Newpath	2	0.0625	lb ai/a	4	fl oz/a	1-2 lf				
13	Agridex		1	% v/v	19.2	fl oz/a	1-2 lf				
13	Newpath	2	0.1875	lb ai/a	12	fl oz/a	4-lf				
13	Agridex		1	% v/v	19.2	fl oz/a	4-lf				

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Pest Code				RICE		RICE		RICE		RICE	
Rating Date				18/May/2006		18/May/2006		25/May/2006		30/May/2006	
Rating Data Type				INJURY		AVG HEIGHT		INJURY		STAND	
Rating Unit				%		cm		%		400 in ²	
Trt-Eval Interval				6da4LF		6da4LF		14da4LF		19da4LF	
Trt No.	Treatment Name	Form Conc	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage				
14	Deep							9de	36cd	14cde	18b-f
14	XL8										
14	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE				
14	Newpath	2	0.0625	lb ai/a	4	fl oz/a	1-2 lf				
14	Agridex		1	% v/v	19.2	fl oz/a	1-2 lf				
14	Ricestar HT	0.58	0.091	lb ai/a	20	fl oz/a	3 dPrior4lf				
14	Newpath	2	0.0625	lb ai/a	4	fl oz/a	4-lf				
14	Agridex		1	% v/v	19.2	fl oz/a	4-lf				
15	Deep							16c	32ef	19bc	11efg
15	XL8										
15	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE				
15	Newpath	2	0.0625	lb ai/a	4	fl oz/a	1-2 lf				
15	Agridex		1	% v/v	19.2	fl oz/a	1-2 lf				
15	Ricestar HT	0.58	0.091	lb ai/a	20	fl oz/a	3 dPrior4lf				
15	Newpath	2	0.1875	lb ai/a	12	fl oz/a	4-lf				
15	Agridex		1	% v/v	19.2	fl oz/a	4-lf				
16	Deep							1fg	40ab	1gh	19a-e
16	CL131										
16	Nontreated										
16	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE				
16	Newpath	2	0.0625	lb ai/a	4	fl oz/a	1-2 lf				
16	Agridex		1	% v/v	19.2	fl oz/a	1-2 lf				
17	Deep							0g	42a	0h	19b-e
17	CL131										
17	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE				
17	Newpath	2	0.0625	lb ai/a	4	fl oz/a	1-2 lf				
17	Agridex		1	% v/v	19.2	fl oz/a	1-2 lf				
17	Newpath	2	0.0625	lb ai/a	4	fl oz/a	4-lf				
17	Agridex		1	% v/v	19.2	fl oz/a	4-lf				
18	Deep							0g	42a	0h	20a-d
18	CL131										
18	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE				
18	Newpath	2	0.0625	lb ai/a	4	fl oz/a	1-2 lf				
18	Agridex		1	% v/v	19.2	fl oz/a	1-2 lf				
18	Newpath	2	0.1875	lb ai/a	12	fl oz/a	4-lf				
18	Agridex		1	% v/v	19.2	fl oz/a	4-lf				
19	Deep							4d-g	39abc	9def	15d-g
19	CL131										
19	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE				
19	Newpath	2	0.0625	lb ai/a	4	fl oz/a	1-2 lf				
19	Agridex		1	% v/v	19.2	fl oz/a	1-2 lf				
19	Ricestar HT	0.58	0.091	lb ai/a	20	fl oz/a	3 dPrior4lf				
19	Newpath	2	0.0625	lb ai/a	4	fl oz/a	4-lf				
19	Agridex		1	% v/v	19.2	fl oz/a	4-lf				

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Pest Code		RICE		RICE		RICE		RICE	
Rating Date		18/May/2006		18/May/2006		25/May/2006		30/May/2006	
Rating Data Type		INJURY		AVG HEIGHT		INJURY		STAND	
Rating Unit		%		cm		%		400 in2	
Trt-Eval Interval		6da4LF		6da4LF		14da4LF		19da4LF	
Trt No.	Treatment Name	Form Conc	Rate Rate	Unit Unit	Other Rate	Other Rate	Growth Unit	Stage	
20	Deep						10d		37bcd
20	CL131								8efg
20	Command	3	0.3	lb ai/a	12.8	fl oz/a			19a-e
20	Newpath	2	0.0625	lb ai/a	4	fl oz/a			
20	Agridex		1	% v/v	19.2	fl oz/a			
20	Ricestar HT	0.58	0.091	lb ai/a	20	fl oz/a			
20	Newpath	2	0.1875	lb ai/a	12	fl oz/a			
20	Agridex		1	% v/v	19.2	fl oz/a			
LSD (P=.05)							6.2		3.6
Standard Deviation							4.4		2.5
CV							40.31		7.87

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

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Department of Agronomy and Environmental Management

Evaluate Clearfield Rice Tolerance to Ricestar and Newpath Applications

Trial ID: C06-26
 Location: RRS-Crowley, LA

Pest Code		RICE		RICE				
Rating Date		30/May/2006		5/Jun/2006				
Rating Data Type		AVG HEIGHT		INJURY				
Rating Unit		cm		%				
Trt-Eval Interval		19da4LF		24da4LF				
Trt No.	Treatment Name	Form Conc	Rate Rate	Other Rate	Other Rate	Growth Unit Stage		
1	Shallow						32de	8ab
1	XL8							
1	Nontreated							
1	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	
1	Newpath	2	0.0625	lb ai/a	4	fl oz/a	1-2 lf	
1	Agridex		1	% v/v	19.2	fl oz/a	1-2 lf	
2	Shallow						33de	9ab
2	XL8							
2	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	
2	Newpath	2	0.0625	lb ai/a	4	fl oz/a	1-2 lf	
2	Agridex		1	% v/v	19.2	fl oz/a	1-2 lf	
2	Newpath	2	0.0625	lb ai/a	4	fl oz/a	4-lf	
2	Agridex		1	% v/v	19.2	fl oz/a	4-lf	
3	Shallow						31e	11a
3	XL8							
3	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	
3	Newpath	2	0.0625	lb ai/a	4	fl oz/a	1-2 lf	
3	Agridex		1	% v/v	19.2	fl oz/a	1-2 lf	
3	Newpath	2	0.1875	lb ai/a	12	fl oz/a	4-lf	
3	Agridex		1	% v/v	19.2	fl oz/a	4-lf	
4	Shallow						33de	13a
4	XL8							
4	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	
4	Newpath	2	0.0625	lb ai/a	4	fl oz/a	1-2 lf	
4	Agridex		1	% v/v	19.2	fl oz/a	1-2 lf	
4	Ricestar HT	0.58	0.091	lb ai/a	20	fl oz/a	3 dPrior4lf	
4	Newpath	2	0.0625	lb ai/a	4	fl oz/a	4-lf	
4	Agridex		1	% v/v	19.2	fl oz/a	4-lf	
5	Shallow						34cde	8ab
5	XL8							
5	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	
5	Newpath	2	0.0625	lb ai/a	4	fl oz/a	1-2 lf	
5	Agridex		1	% v/v	19.2	fl oz/a	1-2 lf	
5	Ricestar HT	0.58	0.091	lb ai/a	20	fl oz/a	3 dPrior4lf	
5	Newpath	2	0.1875	lb ai/a	12	fl oz/a	4-lf	
5	Agridex		1	% v/v	19.2	fl oz/a	4-lf	
6	Shallow						40ab	1c
6	CL131							
6	Nontreated							
6	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	
6	Newpath	2	0.0625	lb ai/a	4	fl oz/a	1-2 lf	
6	Agridex		1	% v/v	19.2	fl oz/a	1-2 lf	

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Pest Code	RICE	RICE
Rating Date	30/May/2006	5/Jun/2006
Rating Data Type	AVG HEIGHT	INJURY
Rating Unit	cm	%
Trt-Eval Interval	19da4LF	24da4LF

Trt No.	Treatment Name	Form	Rate	Other Rate	Other Rate	Growth Stage		
		Conc	Rate	Unit	Rate	Rate	Unit	Stage
7	Shallow							36bcd
7	CL131							0c
7	Command	3	0.3	lb ai/a	12.8	fl oz/a		PRE
7	Newpath	2	0.0625	lb ai/a	4	fl oz/a		1-2 lf
7	Agridex		1	% v/v	19.2	fl oz/a		1-2 lf
7	Newpath	2	0.0625	lb ai/a	4	fl oz/a		4-lf
7	Agridex		1	% v/v	19.2	fl oz/a		4-lf
8	Shallow							40ab
8	CL131							0c
8	Command	3	0.3	lb ai/a	12.8	fl oz/a		PRE
8	Newpath	2	0.0625	lb ai/a	4	fl oz/a		1-2 lf
8	Agridex		1	% v/v	19.2	fl oz/a		1-2 lf
8	Newpath	2	0.1875	lb ai/a	12	fl oz/a		4-lf
8	Agridex		1	% v/v	19.2	fl oz/a		4-lf
9	Shallow							39ab
9	CL131							1c
9	Command	3	0.3	lb ai/a	12.8	fl oz/a		PRE
9	Newpath	2	0.0625	lb ai/a	4	fl oz/a		1-2 lf
9	Agridex		1	% v/v	19.2	fl oz/a		1-2 lf
9	Ricestar HT	0.58	0.091	lb ai/a	20	fl oz/a		3 dPrior4lf
9	Newpath	2	0.0625	lb ai/a	4	fl oz/a		4-lf
9	Agridex		1	% v/v	19.2	fl oz/a		4-lf
10	Shallow							39ab
10	CL131							0c
10	Command	3	0.3	lb ai/a	12.8	fl oz/a		PRE
10	Newpath	2	0.0625	lb ai/a	4	fl oz/a		1-2 lf
10	Agridex		1	% v/v	19.2	fl oz/a		1-2 lf
10	Ricestar HT	0.58	0.091	lb ai/a	20	fl oz/a		3 dPrior4lf
10	Newpath	2	0.1875	lb ai/a	12	fl oz/a		4-lf
10	Agridex		1	% v/v	19.2	fl oz/a		4-lf
11	Deep							38ab
11	XL8							8ab
11	Nontreated							
11	Command	3	0.3	lb ai/a	12.8	fl oz/a		PRE
11	Newpath	2	0.0625	lb ai/a	4	fl oz/a		1-2 lf
11	Agridex		1	% v/v	19.2	fl oz/a		1-2 lf
12	Deep							40ab
12	XL8							5bc
12	Command	3	0.3	lb ai/a	12.8	fl oz/a		PRE
12	Newpath	2	0.0625	lb ai/a	4	fl oz/a		1-2 lf
12	Agridex		1	% v/v	19.2	fl oz/a		1-2 lf
12	Newpath	2	0.0625	lb ai/a	4	fl oz/a		4-lf
12	Agridex		1	% v/v	19.2	fl oz/a		4-lf
13	Deep							38ab
13	XL8							4bc
13	Command	3	0.3	lb ai/a	12.8	fl oz/a		PRE
13	Newpath	2	0.0625	lb ai/a	4	fl oz/a		1-2 lf
13	Agridex		1	% v/v	19.2	fl oz/a		1-2 lf
13	Newpath	2	0.1875	lb ai/a	12	fl oz/a		4-lf
13	Agridex		1	% v/v	19.2	fl oz/a		4-lf

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Pest Code	RICE	RICE
Rating Date	30/May/2006	5/Jun/2006
Rating Data Type	AVG HEIGHT	INJURY
Rating Unit	cm	%
Trt-Eval Interval	19da4LF	24da4LF

Trt No.	Treatment Name	Form Conc	Rate	Unit	Other Rate	Other Rate	Unit	Growth Stage		
14	Deep								38abc	5bc
14	XL8									
14	Command	3	0.3	lb ai/a	12.8	fl oz/a		PRE		
14	Newpath	2	0.0625	lb ai/a	4	fl oz/a		1-2 lf		
14	Agridex		1	% v/v	19.2	fl oz/a		1-2 lf		
14	Ricestar HT	0.58	0.091	lb ai/a	20	fl oz/a		3 dPrior4lf		
14	Newpath	2	0.0625	lb ai/a	4	fl oz/a		4-lf		
14	Agridex		1	% v/v	19.2	fl oz/a		4-lf		
15	Deep								40ab	8ab
15	XL8									
15	Command	3	0.3	lb ai/a	12.8	fl oz/a		PRE		
15	Newpath	2	0.0625	lb ai/a	4	fl oz/a		1-2 lf		
15	Agridex		1	% v/v	19.2	fl oz/a		1-2 lf		
15	Ricestar HT	0.58	0.091	lb ai/a	20	fl oz/a		3 dPrior4lf		
15	Newpath	2	0.1875	lb ai/a	12	fl oz/a		4-lf		
15	Agridex		1	% v/v	19.2	fl oz/a		4-lf		
16	Deep								42a	1c
16	CL131									
16	Nontreated									
16	Command	3	0.3	lb ai/a	12.8	fl oz/a		PRE		
16	Newpath	2	0.0625	lb ai/a	4	fl oz/a		1-2 lf		
16	Agridex		1	% v/v	19.2	fl oz/a		1-2 lf		
17	Deep								40ab	0c
17	CL131									
17	Command	3	0.3	lb ai/a	12.8	fl oz/a		PRE		
17	Newpath	2	0.0625	lb ai/a	4	fl oz/a		1-2 lf		
17	Agridex		1	% v/v	19.2	fl oz/a		1-2 lf		
17	Newpath	2	0.0625	lb ai/a	4	fl oz/a		4-lf		
17	Agridex		1	% v/v	19.2	fl oz/a		4-lf		
18	Deep								42a	0c
18	CL131									
18	Command	3	0.3	lb ai/a	12.8	fl oz/a		PRE		
18	Newpath	2	0.0625	lb ai/a	4	fl oz/a		1-2 lf		
18	Agridex		1	% v/v	19.2	fl oz/a		1-2 lf		
18	Newpath	2	0.1875	lb ai/a	12	fl oz/a		4-lf		
18	Agridex		1	% v/v	19.2	fl oz/a		4-lf		
19	Deep								42a	0c
19	CL131									
19	Command	3	0.3	lb ai/a	12.8	fl oz/a		PRE		
19	Newpath	2	0.0625	lb ai/a	4	fl oz/a		1-2 lf		
19	Agridex		1	% v/v	19.2	fl oz/a		1-2 lf		
19	Ricestar HT	0.58	0.091	lb ai/a	20	fl oz/a		3 dPrior4lf		
19	Newpath	2	0.0625	lb ai/a	4	fl oz/a		4-lf		
19	Agridex		1	% v/v	19.2	fl oz/a		4-lf		

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Pest Code	RICE	RICE
Rating Date	30/May/2006	5/Jun/2006
Rating Data Type	AVG HEIGHT	INJURY
Rating Unit	cm	%
Trt-Eval Interval	19da4LF	24da4LF

Trt No.	Treatment Name	Form Conc	Rate Rate	Unit Unit	Other Rate	Other Rate	Growth Unit	Stage	
20	Deep						42a	1c	
20	CL131								
20	Command	3	0.3	lb ai/a	12.8	fl oz/a		PRE	
20	Newpath	2	0.0625	lb ai/a	4	fl oz/a		1-2 lf	
20	Agridex		1	% v/v	19.2	fl oz/a		1-2 lf	
20	Ricestar HT	0.58	0.091	lb ai/a	20	fl oz/a		3 dPrior4lf	
20	Newpath	2	0.1875	lb ai/a	12	fl oz/a		4-lf	
20	Agridex		1	% v/v	19.2	fl oz/a		4-lf	
<hr/>									
LSD (P=.05)								4.6	5.8
Standard Deviation								3.3	4.1
CV								8.61	101.04

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

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Evaluation of Surfactants with Grass Herbicides and UAN

Experiment number.....: **C06-28**
Location: RRS-Crowley, LA
Experimental design.....: RCB
Number of reps: 4
Plot size: 5'x17'
Row width/# per plot.....: 7.5"/8
Soil type: Crowley silt loam (3% sand, 69% silt, 28% clay)
% OM.....: 1.4
pH: 6.4
CEC: 19.1
Planting date: 04/03/06
Harvest date.....: N/A
Crop/Variety: Rice/Trenasse
Emergence date.....: 04/14/06
Uniform std. treatment.....: N/A

Application type.....: MPOT
Date applied [mm/dd/yy] ...: 5/9/06
Time [hh:mm-hh:mm].....: 9:50-10:25a
Incorporation equip./Depth: N/A
Air/Soil temperature [F]: 82/78
Relative humidity [%].....: 81
Wind [mph, direction]: 5-7 S
Weather [sunny, etc]: pt cloudy
Soil/Leaf surface moist.....: moist/dry
Crop stage/Height: 3-4 lf/3-6"
Sprayer type/MPH.....: CO₂BkPk/3.0
Nozzle type/Size: AMFF/110015
Boom ht/# Noz/Spacing ...: 18"/5/15"
GPA/PSI.....: 15/15
Applied by: Webster

Weed Species (population):--(height/#leaves)--
ECHCG (75-100 m⁻²): 0.5-4"/1 lf-2 till
BRAPP(40-50 m⁻²): 0.5-6"/1 lf-2 till
LEFPA (40-50 m⁻²): 0.5-6"/2 lf-2 till

Flush Dates.....: 4/5,4/20,5/18
Permanent Flood: 6/1

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Evaluation of Surfactants with Grass Herbicides and UAN

Trial ID: C06-28
 Location: RRS-Crowley, LA

Pest Code	ECHCG	ECHCG	ECHCG
Rating Date	25/May/2006	5/Jun/2006	20/Jun/2006
Rating Data Type	CONTROL	CONTROL	CONTROL
Rating Unit	%	%	%
Trt-Eval Interval	15daMPOT	26daMPOT	41daMPOT

Trt No.	Treatment Name	Form Conc	Rate Rate	Other Rate	Other Rate	Growth Unit	Stage			
1	Ricestar	0.58	0.059 lb ai/a	13	fl oz/a	MPOT	90abc	78bc	70bc	
1	Dyne-a-pak	1	% v/v	19.2	fl oz/a	MPOT				
1	UAN	0	% v/v	0	fl oz/a	MPOT				
2	Ricestar	0.58	0.059 lb ai/a	13	fl oz/a	MPOT	95a	91a	83a	
2	Dyne-a-pak	1	% v/v	19.2	fl oz/a	MPOT				
2	UAN	2	% v/v	38.4	fl oz/a	MPOT				
3	Ricestar	0.58	0.059 lb ai/a	13	fl oz/a	MPOT	88a-d	75c	73abc	
3	Kinetic	0.125	% v/v	2.4	fl oz/a	MPOT				
3	UAN	0	% v/v	0	fl oz/a	MPOT				
4	Ricestar	0.58	0.059 lb ai/a	13	fl oz/a	MPOT	91abc	89ab	61c	
4	Kinetic	0.125	% v/v	2.4	fl oz/a	MPOT				
4	UAN	2	% v/v	38.4	fl oz/a	MPOT				
5	Ricestar	0.58	0.059 lb ai/a	13	fl oz/a	MPOT	81b-e	74c	49d	
5	COC	1	% v/v	19.2	fl oz/a	MPOT				
5	UAN	0	% v/v	0	fl oz/a	MPOT				
6	Ricestar	0.58	0.059 lb ai/a	13	fl oz/a	MPOT	90abc	79abc	76ab	
6	COC	1	% v/v	19.2	fl oz/a	MPOT				
6	UAN	2	% v/v	38.4	fl oz/a	MPOT				
7	Ricestar	0.58	0.059 lb ai/a	13	fl oz/a	MPOT	91abc	90ab	83a	
7	Phase II	1	% v/v	19.2	fl oz/a	MPOT				
7	UAN	0	% v/v	0	fl oz/a	MPOT				
8	Ricestar	0.58	0.059 lb ai/a	13	fl oz/a	MPOT	93ab	80abc	78ab	
8	Phase II	1	% v/v	19.2	fl oz/a	MPOT				
8	UAN	2	% v/v	38.4	fl oz/a	MPOT				
9	Clincher	2.38	0.186 lb ai/a	10	fl oz/a	MPOT	55h	35ef	20e	
9	Dyne-a-pak	1	% v/v	19.2	fl oz/a	MPOT				
9	UAN	0	% v/v	0	fl oz/a	MPOT				
10	Clincher	2.38	0.186 lb ai/a	10	fl oz/a	MPOT	59gh	50d	20e	
10	Dyne-a-pak	1	% v/v	19.2	fl oz/a	MPOT				
10	UAN	2	% v/v	38.4	fl oz/a	MPOT				
11	Clincher	2.38	0.186 lb ai/a	10	fl oz/a	MPOT	79cde	43def	24e	
11	Kinetic	0.125	% v/v	2.4	fl oz/a	MPOT				
11	UAN	0	% v/v	0	fl oz/a	MPOT				
12	Clincher	2.38	0.186 lb ai/a	10	fl oz/a	MPOT	71efg	30f	20e	
12	Kinetic	0.125	% v/v	2.4	fl oz/a	MPOT				
12	UAN	2	% v/v	38.4	fl oz/a	MPOT				
13	Clincher	2.38	0.186 lb ai/a	10	fl oz/a	MPOT	64fgh	43def	20e	
13	COC	1	% v/v	19.2	fl oz/a	MPOT				
13	UAN	0	% v/v	0	fl oz/a	MPOT				

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Pest Code	ECHCG	ECHCG	ECHCG
Rating Date	25/May/2006	5/Jun/2006	20/Jun/2006
Rating Data Type	CONTROL	CONTROL	CONTROL
Rating Unit	%	%'	%
Trt-Eval Interval	15daMPOT	26daMPOT	41daMPOT

Trt No.	Treatment Name	Form Conc	Rate Rate	Unit Unit	Other Rate	Other Rate	Growth Unit	Stage			
14	Clincher	2.38	0.186	lb ai/a	10	fl oz/a	MPOT	75def	45de	24e	
14	COC	1		% v/v	19.2	fl oz/a	MPOT				
14	UAN	2		% v/v	38.4	fl oz/a	MPOT				
15	Clincher	2.38	0.186	lb ai/a	10	fl oz/a	MPOT	80b-e	48de	30e	
15	Phase II	1		% v/v	19.2	fl oz/a	MPOT				
15	UAN	0		% v/v	0	fl oz/a	MPOT				
16	Clincher	2.38	0.186	lb ai/a	10	fl oz/a	MPOT	73ef	43def	20e	
16	Phase II	1		% v/v	19.2	fl oz/a	MPOT				
16	UAN	2		% v/v	38.4	fl oz/a	MPOT				
LSD (P=.05)								12.6	13.6	11.3	
Standard Deviation								8.8	9.5	7.9	
CV								11.09	15.39	16.82	

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

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Department of Agronomy and Environmental Management

Evaluation of Surfactants with Grass Herbicides and UAN

Trial ID: C06-28
 Location: RRS-Crowley, LA

Pest Code	BRAPP	BRAPP	BRAPP
Rating Date	25/May/2006	5/Jun/2006	20/Jun/2006
Rating Data Type	CONTROL	CONTROL	CONTROL
Rating Unit	%	%	%
Trt-Eval Interval	15daMPOT	26daMPOT	41daMPOT

Trt No.	Treatment Name	Form Conc	Rate Rate	Other Rate	Other Rate	Growth Stage			
1	Ricestar	0.58	0.059 lb ai/a	13	fl oz/a	MPOT	89a	86ab	85a
1	Dyne-a-pak	1	% v/v	19.2	fl oz/a	MPOT			
1	UAN	0	% v/v	0	fl oz/a	MPOT			
2	Ricestar	0.58	0.059 lb ai/a	13	fl oz/a	MPOT	95a	97a	86a
2	Dyne-a-pak	1	% v/v	19.2	fl oz/a	MPOT			
2	UAN	2	% v/v	38.4	fl oz/a	MPOT			
3	Ricestar	0.58	0.059 lb ai/a	13	fl oz/a	MPOT	88ab	92a	79ab
3	Kinetic	0.125	% v/v	2.4	fl oz/a	MPOT			
3	UAN	0	% v/v	0	fl oz/a	MPOT			
4	Ricestar	0.58	0.059 lb ai/a	13	fl oz/a	MPOT	91a	95a	80ab
4	Kinetic	0.125	% v/v	2.4	fl oz/a	MPOT			
4	UAN	2	% v/v	38.4	fl oz/a	MPOT			
5	Ricestar	0.58	0.059 lb ai/a	13	fl oz/a	MPOT	88ab	75b	73b
5	COC	1	% v/v	19.2	fl oz/a	MPOT			
5	UAN	0	% v/v	0	fl oz/a	MPOT			
6	Ricestar	0.58	0.059 lb ai/a	13	fl oz/a	MPOT	93a	93a	88a
6	COC	1	% v/v	19.2	fl oz/a	MPOT			
6	UAN	2	% v/v	38.4	fl oz/a	MPOT			
7	Ricestar	0.58	0.059 lb ai/a	13	fl oz/a	MPOT	91a	95a	85a
7	Phase II	1	% v/v	19.2	fl oz/a	MPOT			
7	UAN	0	% v/v	0	fl oz/a	MPOT			
8	Ricestar	0.58	0.059 lb ai/a	13	fl oz/a	MPOT	95a	92a	89a
8	Phase II	1	% v/v	19.2	fl oz/a	MPOT			
8	UAN	2	% v/v	38.4	fl oz/a	MPOT			
9	Clincher	2.38	0.186 lb ai/a	10	fl oz/a	MPOT	55e	30d	53c
9	Dyne-a-pak	1	% v/v	19.2	fl oz/a	MPOT			
9	UAN	0	% v/v	0	fl oz/a	MPOT			
10	Clincher	2.38	0.186 lb ai/a	10	fl oz/a	MPOT	64de	35cd	39de
10	Dyne-a-pak	1	% v/v	19.2	fl oz/a	MPOT			
10	UAN	2	% v/v	38.4	fl oz/a	MPOT			
11	Clincher	2.38	0.186 lb ai/a	10	fl oz/a	MPOT	74bcd	43c	34e
11	Kinetic	0.125	% v/v	2.4	fl oz/a	MPOT			
11	UAN	0	% v/v	0	fl oz/a	MPOT			
12	Clincher	2.38	0.186 lb ai/a	10	fl oz/a	MPOT	66de	38cd	44cde
12	Kinetic	0.125	% v/v	2.4	fl oz/a	MPOT			
12	UAN	2	% v/v	38.4	fl oz/a	MPOT			
13	Clincher	2.38	0.186 lb ai/a	10	fl oz/a	MPOT	70cd	40cd	48cd
13	COC	1	% v/v	19.2	fl oz/a	MPOT			
13	UAN	0	% v/v	0	fl oz/a	MPOT			

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Pest Code	BRAPP	BRAPP	BRAPP
Rating Date	25/May/2006	5/Jun/2006	20/Jun/2006
Rating Data Type	CONTROL	CONTROL	CONTROL
Rating Unit	%	%'	%
Trt-Eval Interval	15daMPOT	26daMPOT	41daMPOT

Trt No.	Treatment Name	Form Conc	Rate Rate	Other Rate	Other Rate	Growth Unit	Stage			
14	Clincher	2.38	0.186	lb ai/a	10	fl oz/a	MPOT	74bcd	46c	38de
14	COC	1		% v/v	19.2	fl oz/a	MPOT			
14	UAN	2		% v/v	38.4	fl oz/a	MPOT			
15	Clincher	2.38	0.186	lb ai/a	10	fl oz/a	MPOT	81abc	46c	40de
15	Phase II	1		% v/v	19.2	fl oz/a	MPOT			
15	UAN	0		% v/v	0	fl oz/a	MPOT			
16	Clincher	2.38	0.186	lb ai/a	10	fl oz/a	MPOT	66de	38cd	33e
16	Phase II	1		% v/v	19.2	fl oz/a	MPOT			
16	UAN	2		% v/v	38.4	fl oz/a	MPOT			

LSD (P=.05)	14.1	11.3	12.1
Standard Deviation	9.9	7.9	8.5
CV	12.34	12.21	13.7

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

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Department of Agronomy and Environmental Management

Evaluation of Surfactants with Grass Herbicides and UAN

Trial ID: C06-28
 Location: RRS-Crowley, LA

Pest Code	LEFPA	LEFPA	LEFPA
Rating Date	25/May/2006	5/Jun/2006	20/Jun/2006
Rating Data Type	CONTROL	CONTROL	CONTROL
Rating Unit	%	%	%
Trt-Eval Interval	15daMPOT	26daMPOT	41daMPOT

Trt No.	Treatment Name	Form Conc	Rate Rate	Other Rate	Other Rate	Growth Unit	Stage			
1	Ricestar	0.58	0.059 lb ai/a	13	fl oz/a	MPOT	89ab	84bc	85ab	
1	Dyne-a-pak	1	% v/v	19.2	fl oz/a	MPOT				
1	UAN	0	% v/v	0	fl oz/a	MPOT				
2	Ricestar	0.58	0.059 lb ai/a	13	fl oz/a	MPOT	94a	97a	86a	
2	Dyne-a-pak	1	% v/v	19.2	fl oz/a	MPOT				
2	UAN	2	% v/v	38.4	fl oz/a	MPOT				
3	Ricestar	0.58	0.059 lb ai/a	13	fl oz/a	MPOT	88abc	92ab	76abc	
3	Kinetic	0.125	% v/v	2.4	fl oz/a	MPOT				
3	UAN	0	% v/v	0	fl oz/a	MPOT				
4	Ricestar	0.58	0.059 lb ai/a	13	fl oz/a	MPOT	91ab	95a	64cd	
4	Kinetic	0.125	% v/v	2.4	fl oz/a	MPOT				
4	UAN	2	% v/v	38.4	fl oz/a	MPOT				
5	Ricestar	0.58	0.059 lb ai/a	13	fl oz/a	MPOT	88abc	75c	73bc	
5	COC	1	% v/v	19.2	fl oz/a	MPOT				
5	UAN	0	% v/v	0	fl oz/a	MPOT				
6	Ricestar	0.58	0.059 lb ai/a	13	fl oz/a	MPOT	91ab	88ab	88a	
6	COC	1	% v/v	19.2	fl oz/a	MPOT				
6	UAN	2	% v/v	38.4	fl oz/a	MPOT				
7	Ricestar	0.58	0.059 lb ai/a	13	fl oz/a	MPOT	91ab	90ab	85ab	
7	Phase II	1	% v/v	19.2	fl oz/a	MPOT				
7	UAN	0	% v/v	0	fl oz/a	MPOT				
8	Ricestar	0.58	0.059 lb ai/a	13	fl oz/a	MPOT	95a	88ab	85ab	
8	Phase II	1	% v/v	19.2	fl oz/a	MPOT				
8	UAN	2	% v/v	38.4	fl oz/a	MPOT				
9	Clincher	2.38	0.186 lb ai/a	10	fl oz/a	MPOT	51f	30f	54de	
9	Dyne-a-pak	1	% v/v	19.2	fl oz/a	MPOT				
9	UAN	0	% v/v	0	fl oz/a	MPOT				
10	Clincher	2.38	0.186 lb ai/a	10	fl oz/a	MPOT	55ef	30f	39fg	
10	Dyne-a-pak	1	% v/v	19.2	fl oz/a	MPOT				
10	UAN	2	% v/v	38.4	fl oz/a	MPOT				
11	Clincher	2.38	0.186 lb ai/a	10	fl oz/a	MPOT	75cd	43de	33g	
11	Kinetic	0.125	% v/v	2.4	fl oz/a	MPOT				
11	UAN	0	% v/v	0	fl oz/a	MPOT				
12	Clincher	2.38	0.186 lb ai/a	10	fl oz/a	MPOT	71d	30f	44efg	
12	Kinetic	0.125	% v/v	2.4	fl oz/a	MPOT				
12	UAN	2	% v/v	38.4	fl oz/a	MPOT				
13	Clincher	2.38	0.186 lb ai/a	10	fl oz/a	MPOT	69d	33ef	48ef	
13	COC	1	% v/v	19.2	fl oz/a	MPOT				
13	UAN	0	% v/v	0	fl oz/a	MPOT				

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Pest Code	LEFPA	LEFPA	LEFPA
Rating Date	25/May/2006	5/Jun/2006	20/Jun/2006
Rating Data Type	CONTROL	CONTROL	CONTROL
Rating Unit	%	%'	%
Trt-Eval Interval	15daMPOT	26daMPOT	41daMPOT

Trt No.	Treatment Name	Form Conc	Rate Rate	Other Rate	Other Rate	Growth Unit	Stage			
14	Clincher	2.38	0.186	lb ai/a	10	fl oz/a	MPOT	71d	41de	44efg
14	COC	1		% v/v	19.2	fl oz/a	MPOT			
14	UAN	2		% v/v	38.4	fl oz/a	MPOT			
15	Clincher	2.38	0.186	lb ai/a	10	fl oz/a	MPOT	79bcd	46d	36fg
15	Phase II	1		% v/v	19.2	fl oz/a	MPOT			
15	UAN	0		% v/v	0	fl oz/a	MPOT			
16	Clincher	2.38	0.186	lb ai/a	10	fl oz/a	MPOT	68de	38def	31g
16	Phase II	1		% v/v	19.2	fl oz/a	MPOT			
16	UAN	2		% v/v	38.4	fl oz/a	MPOT			
LSD (P=.05)								12.7	10.8	12.7
Standard Deviation								8.9	7.5	8.9
CV								11.24	12.08	14.68

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

LSU AgCenter

Department of Agronomy and Environmental Management

Evaluation of Surfactants with Grass Herbicides and UAN

Trial ID: C06-28
 Location: RRS-Crowley, LA

Pest Code	RICE	RICE	RICE
Rating Date	25/May/2006	5/Jun/2006	20/Jun/2006
Rating Data Type	INJURY	INJURY	INJURY
Rating Unit	%	%	%
Trt-Eval Interval	15daMPOT	26daMPOT	41daMPOT

Trt No.	Treatment Name	Form Conc	Rate Rate	Other Rate	Other Rate	Growth Unit	Stage			
1	Ricestar	0.58	0.059 lb ai/a	13	fl oz/a	MPOT	13ab	0a	0a	
1	Dyne-a-pak	1	% v/v	19.2	fl oz/a	MPOT				
1	UAN	0	% v/v	0	fl oz/a	MPOT				
2	Ricestar	0.58	0.059 lb ai/a	13	fl oz/a	MPOT	10b	0a	0a	
2	Dyne-a-pak	1	% v/v	19.2	fl oz/a	MPOT				
2	UAN	2	% v/v	38.4	fl oz/a	MPOT				
3	Ricestar	0.58	0.059 lb ai/a	13	fl oz/a	MPOT	13ab	0a	0a	
3	Kinetic	0.125	% v/v	2.4	fl oz/a	MPOT				
3	UAN	0	% v/v	0	fl oz/a	MPOT				
4	Ricestar	0.58	0.059 lb ai/a	13	fl oz/a	MPOT	10b	0a	0a	
4	Kinetic	0.125	% v/v	2.4	fl oz/a	MPOT				
4	UAN	2	% v/v	38.4	fl oz/a	MPOT				
5	Ricestar	0.58	0.059 lb ai/a	13	fl oz/a	MPOT	10b	0a	0a	
5	COC	1	% v/v	19.2	fl oz/a	MPOT				
5	UAN	0	% v/v	0	fl oz/a	MPOT				
6	Ricestar	0.58	0.059 lb ai/a	13	fl oz/a	MPOT	10b	0a	0a	
6	COC	1	% v/v	19.2	fl oz/a	MPOT				
6	UAN	2	% v/v	38.4	fl oz/a	MPOT				
7	Ricestar	0.58	0.059 lb ai/a	13	fl oz/a	MPOT	10b	0a	0a	
7	Phase II	1	% v/v	19.2	fl oz/a	MPOT				
7	UAN	0	% v/v	0	fl oz/a	MPOT				
8	Ricestar	0.58	0.059 lb ai/a	13	fl oz/a	MPOT	10b	0a	0a	
8	Phase II	1	% v/v	19.2	fl oz/a	MPOT				
8	UAN	2	% v/v	38.4	fl oz/a	MPOT				
9	Clincher	2.38	0.186 lb ai/a	10	fl oz/a	MPOT	15a	0a	0a	
9	Dyne-a-pak	1	% v/v	19.2	fl oz/a	MPOT				
9	UAN	0	% v/v	0	fl oz/a	MPOT				
10	Clincher	2.38	0.186 lb ai/a	10	fl oz/a	MPOT	10b	0a	0a	
10	Dyne-a-pak	1	% v/v	19.2	fl oz/a	MPOT				
10	UAN	2	% v/v	38.4	fl oz/a	MPOT				
11	Clincher	2.38	0.186 lb ai/a	10	fl oz/a	MPOT	10b	0a	0a	
11	Kinetic	0.125	% v/v	2.4	fl oz/a	MPOT				
11	UAN	0	% v/v	0	fl oz/a	MPOT				
12	Clincher	2.38	0.186 lb ai/a	10	fl oz/a	MPOT	13ab	0a	0a	
12	Kinetic	0.125	% v/v	2.4	fl oz/a	MPOT				
12	UAN	2	% v/v	38.4	fl oz/a	MPOT				
13	Clincher	2.38	0.186 lb ai/a	10	fl oz/a	MPOT	13ab	0a	0a	
13	COC	1	% v/v	19.2	fl oz/a	MPOT				
13	UAN	0	% v/v	0	fl oz/a	MPOT				

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Pest Code	RICE	RICE	RICE
Rating Date	25/May/2006	5/Jun/2006	20/Jun/2006
Rating Data Type	INJURY	INJURY	INJURY
Rating Unit	%	%	%
Trt-Eval Interval	15daMPOT	26daMPOT	41daMPOT

Trt No.	Treatment Name	Form Conc	Rate	Other Rate	Other Rate	Growth Unit	Stage			
14	Clincher	2.38	0.186	lb ai/a	10	fl oz/a	MPOT	10b	0a	0a
14	COC	1	% v/v	19.2	fl oz/a		MPOT			
14	UAN	2	% v/v	38.4	fl oz/a		MPOT			
15	Clincher	2.38	0.186	lb ai/a	10	fl oz/a	MPOT	10b	0a	0a
15	Phase II	1	% v/v	19.2	fl oz/a		MPOT			
15	UAN	0	% v/v	0	fl oz/a		MPOT			
16	Clincher	2.38	0.186	lb ai/a	10	fl oz/a	MPOT	13ab	0a	0a
16	Phase II	1	% v/v	19.2	fl oz/a		MPOT			
16	UAN	2	% v/v	38.4	fl oz/a		MPOT			
LSD (P=.05)								3.8	0.0	0.0
Standard Deviation								2.7	0.0	0.0
CV								24.05	0.0	0.0

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

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Evaluation of Surfactants with Broadleaf Herbicides and UAN

Experiment number.....: **C06-29**
 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: 04/03/06
 Harvest date.....: 08/10/06
 Crop/Variety: Rice/CL161
 Emergence date.....: 04/14/06
 Uniform std. treatment.....: N/A

Application type.....: PRE	MPOT
Date applied [mm/dd/yy] ...: 04/04/06	5/24/06
Time [hh:mm-hh:mm].....: 2:50-3:30p	12:30-1:00p
Incorporation equip./Depth: N/A	N/A
Air/Soil temperature [F]: 86/77	86/82
Relative humidity [%].....: 26	55
Wind [mph, direction]: 2-3 SE	1-3 S
Weather [sunny, etc]: sunny	pt cloudy
Soil/Leaf surface moist.....: dry/N/A	moist/dry
Crop stage/Height: N/A	4-5 til/10-12"
Sprayer type/MPH.....: MMaster/3.0	CO ₂ BkPk/3.0
Nozzle type/Size: AMFF/110015	AMFF/110015
Boom ht/# Noz/Spacing ...: 18"/5/15"	18"/5/15"
GPA/PSI.....: 12/28	15/28
Applied by: Griffin	Webster

Weed Species (population):-----	(height/#leaves)-----
ALRPH (10-15 m ⁻²)	11-12"/35-40 lf
LEFPA (30-40 m ⁻²).....	3-4"/3-4 lf
ECHCG (30-40 m ⁻²).....	3-5"/3-5 lf
CYPIR (150-200 m ⁻²)	1-3"/3-4 lf
CYPES (20-30 m ⁻²)	6-8"/4-5 lf

Flush Dates.....: 4/5,4/20,5/19,6/1,6/13
 Permanent Flood: 6/14

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Evaluation of Surfactants with Broadleaf Herbicides and UAN

Trial ID: C06-29
 Location: RRS-Crowley, LA

Pest Code		ECHCG		ECHCG		ECHCG		ECHCG			
Rating Date		5/Jun/2006		19/Jun/2006		7/Jul/2006		17/Jul/2006			
Rating Data Type		CONTROL		CONTROL		CONTROL		CONTROL			
Rating Unit		%		%		%		%			
Trt-Eval Interval		12daMPOT		26daMPOT		44daMPOT		54daMPOT			
Trt No.	Treatment Name	Form Conc	Rate Rate	Other Rate	Other Rate	Growth Unit	Stage				
1	Grasp	2	0.0313	lb ai/a	2	fl oz/a	MPOT	88ab	90abc	88ab	86a-e
1	Dyne-a-pak	1		% v/v	19.2	fl oz/a	MPOT				
1	UAN	0		% v/v	0	fl oz/a	MPOT				
2	Grasp	2	0.0313	lb ai/a	2	fl oz/a	MPOT	89ab	90abc	90ab	86a-e
2	Dyne-a-pak	1		% v/v	19.2	fl oz/a	MPOT				
2	UAN	2		% v/v	38.4	fl oz/a	MPOT				
3	Grasp	2	0.0313	lb ai/a	2	fl oz/a	MPOT	83ab	88a-d	89ab	95a
3	Kinetic		0.125	% v/v	2.4	fl oz/a	MPOT				
3	UAN	0		% v/v	0	fl oz/a	MPOT				
4	Grasp	2	0.0313	lb ai/a	2	fl oz/a	MPOT	89ab	93ab	86ab	91ab
4	Kinetic		0.125	% v/v	2.4	fl oz/a	MPOT				
4	UAN	2		% v/v	38.4	fl oz/a	MPOT				
5	Grasp	2	0.0313	lb ai/a	2	fl oz/a	MPOT	80ab	89abc	79a-d	85a-e
5	COC	1		% v/v	19.2	fl oz/a	MPOT				
5	UAN	0		% v/v	0	fl oz/a	MPOT				
6	Grasp	2	0.0313	lb ai/a	2	fl oz/a	MPOT	90a	88a-d	79a-d	87a-e
6	COC	1		% v/v	19.2	fl oz/a	MPOT				
6	UAN	2		% v/v	38.4	fl oz/a	MPOT				
7	Grasp	2	0.0313	lb ai/a	2	fl oz/a	MPOT	85ab	86a-d	76a-d	86a-e
7	Phase II	1		% v/v	19.2	fl oz/a	MPOT				
7	UAN	0		% v/v	0	fl oz/a	MPOT				
8	Grasp	2	0.0313	lb ai/a	2	fl oz/a	MPOT	86ab	86a-d	71bcd	81b-e
8	Phase II	1		% v/v	19.2	fl oz/a	MPOT				
8	UAN	2		% v/v	38.4	fl oz/a	MPOT				
9	Newpath	2	0.047	lb ai/a	3	fl oz/a	MPOT	79b	89abc	81a-d	83b-e
9	Dyne-a-pak	1		% v/v	19.2	fl oz/a	MPOT				
9	UAN	0		% v/v	0	fl oz/a	MPOT				
10	Newpath	2	0.047	lb ai/a	3	fl oz/a	MPOT	90a	91abc	86ab	90abc
10	Dyne-a-pak	1		% v/v	19.2	fl oz/a	MPOT				
10	UAN	2		% v/v	38.4	fl oz/a	MPOT				
11	Newpath	2	0.047	lb ai/a	3	fl oz/a	MPOT	85ab	94a	80a-d	88a-d
11	Kinetic		0.125	% v/v	2.4	fl oz/a	MPOT				
11	UAN	0		% v/v	0	fl oz/a	MPOT				
12	Newpath	2	0.047	lb ai/a	3	fl oz/a	MPOT	86ab	85bcd	85abc	81b-e
12	Kinetic		0.125	% v/v	2.4	fl oz/a	MPOT				
12	UAN	2		% v/v	38.4	fl oz/a	MPOT				
13	Newpath	2	0.047	lb ai/a	3	fl oz/a	MPOT	58c	88a-d	65cd	78e
13	COC	1		% v/v	19.2	fl oz/a	MPOT				
13	UAN	0		% v/v	0	fl oz/a	MPOT				

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Pest Code				ECHCG	ECHCG	ECHCG	ECHCG				
Rating Date				5/Jun/2006	19/Jun/2006	7/Jul/2006	17/Jul/2006				
Rating Data Type				CONTROL	CONTROL	CONTROL	CONTROL				
Rating Unit				%	%	%	%				
Trt-Eval Interval				12daMPOT	26daMPOT	44daMPOT	54daMPOT				
Trt No.	Treatment Name	Form Conc	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage				
14	Newpath	2	0.047	lb ai/a	3	fl oz/a	MPOT	88ab	90abc	81a-d	85a-e
14	COC	1	1	% v/v	19.2	fl oz/a	MPOT				
14	UAN	2	2	% v/v	38.4	fl oz/a	MPOT				
15	Newpath	2	0.047	lb ai/a	3	fl oz/a	MPOT	88ab	90abc	86ab	88a-e
15	Phase II	1	1	% v/v	19.2	fl oz/a	MPOT				
15	UAN	0	0	% v/v	0	fl oz/a	MPOT				
16	Newpath	2	0.047	lb ai/a	3	fl oz/a	MPOT	86ab	89abc	80a-d	88a-e
16	Phase II	1	1	% v/v	19.2	fl oz/a	MPOT				
16	UAN	2	2	% v/v	38.4	fl oz/a	MPOT				
17	Regiment	80	0.02	lb ai/a	0.4	oz/a	MPOT	88ab	89abc	81-d	85a-e
17	Dyne-a-pak	1	1	% v/v	19.2	fl oz/a	MPOT				
17	UAN	0	0	% v/v	0	fl oz/a	MPOT				
18	Regiment	80	0.02	lb ai/a	0.4	oz/a	MPOT	85ab	88a-d	88ab	85a-e
18	Dyne-a-pak	1	1	% v/v	19.2	fl oz/a	MPOT				
18	UAN	2	2	% v/v	38.4	fl oz/a	MPOT				
19	Regiment	80	0.02	lb ai/a	0.4	oz/a	MPOT	88ab	84cd	80a-d	88a-e
19	Kinetic	0.125	0.125	% v/v	2.4	fl oz/a	MPOT				
19	UAN	0	0	% v/v	0	fl oz/a	MPOT				
20	Regiment	80	0.02	lb ai/a	0.4	oz/a	MPOT	88ab	93ab	92a	90abc
20	Kinetic	0.125	0.125	% v/v	2.4	fl oz/a	MPOT				
20	UAN	2	2	% v/v	38.4	fl oz/a	MPOT				
21	Regiment	80	0.02	lb ai/a	0.4	oz/a	MPOT	84ab	80d	63d	79de
21	COC	1	1	% v/v	19.2	fl oz/a	MPOT				
21	UAN	0	0	% v/v	0	fl oz/a	MPOT				
22	Regiment	80	0.02	lb ai/a	0.4	oz/a	MPOT	80ab	84cd	63d	80cde
22	COC	1	1	% v/v	19.2	fl oz/a	MPOT				
22	UAN	2	2	% v/v	38.4	fl oz/a	MPOT				
23	Regiment	80	0.02	lb ai/a	0.4	oz/a	MPOT	90a	89abc	89ab	88a-e
23	Phase II	1	1	% v/v	19.2	fl oz/a	MPOT				
23	UAN	0	0	% v/v	0	fl oz/a	MPOT				
24	Regiment	80	0.02	lb ai/a	0.4	oz/a	MPOT	89ab	91abc	76-d	85a-e
24	Phase II	1	1	% v/v	19.2	fl oz/a	MPOT				
24	UAN	2	2	% v/v	38.4	fl oz/a	MPOT				
LSD (P=.05)								10.3	8.2	20.5	10.4
Standard Deviation								7.3	5.8	14.5	7.4
CV								8.58	6.52	18.01	8.61

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

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Department of Agronomy and Environmental Management

Evaluation of Surfactants with Broadleaf Herbicides and UAN

Trial ID: C06-29
 Location: RRS-Crowley, LA

Pest Code		LEPFA		LEFPA		LEFPA		LEFPA				
Rating Date		5/Jun/2006		19/Jun/2006		7/Jul/2006		17/Jul/2006				
Rating Data Type		CONTROL		CONTROL		CONTROL		CONTROL				
Rating Unit		%		%		%		%				
Trt-Eval Interval		12daMPOT		26daMPOT		44daMPOT		54daMPOT				
Trt No.	Treatment Name	Form Conc	Rate Rate	Unit	Other Rate	Other Rate	Unit	Growth Stage				
1	Grasp	2	0.0313	lb ai/a	2	fl oz/a	MPOT	63a-e	79b-e	71a-d	60hi	
1	Dyne-a-pak	1		% v/v	19.2	fl oz/a	MPOT					
1	UAN	0		% v/v	0	fl oz/a	MPOT					
2	Grasp	2	0.0313	lb ai/a	2	fl oz/a	MPOT	60b-e	89a	74abc	63f-i	
2	Dyne-a-pak	1		% v/v	19.2	fl oz/a	MPOT					
2	UAN	2		% v/v	38.4	fl oz/a	MPOT					
3	Grasp	2	0.0313	lb ai/a	2	fl oz/a	MPOT	58b-f	83abc	65bcd	73a-f	
3	Kinetic		0.125	% v/v	2.4	fl oz/a	MPOT					
3	UAN	0		% v/v	0	fl oz/a	MPOT					
4	Grasp	2	0.0313	lb ai/a	2	fl oz/a	MPOT	55def	83abc	73a-d	66d-i	
4	Kinetic		0.125	% v/v	2.4	fl oz/a	MPOT					
4	UAN	2		% v/v	38.4	fl oz/a	MPOT					
5	Grasp	2	0.0313	lb ai/a	2	fl oz/a	MPOT	60b-e	81a-d	70a-d	68c-h	
5	COC	1		% v/v	19.2	fl oz/a	MPOT					
5	UAN	0		% v/v	0	fl oz/a	MPOT					
6	Grasp	2	0.0313	lb ai/a	2	fl oz/a	MPOT	68a-d	73def	68bcd	64e-i	
6	COC	1		% v/v	19.2	fl oz/a	MPOT					
6	UAN	2		% v/v	38.4	fl oz/a	MPOT					
7	Grasp	2	0.0313	lb ai/a	2	fl oz/a	MPOT	60b-e	83abc	63cd	61ghi	
7	UAN	0		% v/v	0	fl oz/a	MPOT					
8	Grasp	2	0.0313	lb ai/a	2	fl oz/a	MPOT	75a	80a-e	70a-d	56i	
8	Phase II	1		% v/v	19.2	fl oz/a	MPOT					
8	UAN	2		% v/v	38.4	fl oz/a	MPOT					
9	Newpath	2	0.047	lb ai/a	3	fl oz/a	MPOT	46f	83abc	75ab	75a-d	
9	Dyne-a-pak	1		% v/v	19.2	fl oz/a	MPOT					
9	UAN	0		% v/v	0	fl oz/a	MPOT					
10	Newpath	2	0.047	lb ai/a	3	fl oz/a	MPOT	70ab	85abc	80a	79ab	
10	Dyne-a-pak	1		% v/v	19.2	fl oz/a	MPOT					
10	UAN	2		% v/v	38.4	fl oz/a	MPOT					
11	Newpath	2	0.047	lb ai/a	3	fl oz/a	MPOT	56c-f	83abc	75ab	74a-e	
11	Kinetic		0.125	% v/v	2.4	fl oz/a	MPOT					
11	UAN	0		% v/v	0	fl oz/a	MPOT					
12	Newpath	2	0.047	lb ai/a	3	fl oz/a	MPOT	70ab	83abc	73a-d	73a-f	
12	Kinetic		0.125	% v/v	2.4	fl oz/a	MPOT					
12	UAN	2		% v/v	38.4	fl oz/a	MPOT					
13	Newpath	2	0.047	lb ai/a	3	fl oz/a	MPOT	46f	76cde	75ab	71a-g	
13	COC	1		% v/v	19.2	fl oz/a	MPOT					
13	UAN	0		% v/v	0	fl oz/a	MPOT					

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Department of Agronomy and Environmental Management

Pest Code				LEPFA	LEPFA	LEPFA	LEPFA				
Rating Date				5/Jun/2006	19/Jun/2006	7/Jul/2006	17/Jul/2006				
Rating Data Type				CONTROL	CONTROL	CONTROL	CONTROL				
Rating Unit				%	%	%	%				
Trt-Eval Interval				12daMPOT	26daMPOT	44daMPOT	54daMPOT				
Trt No.	Treatment Name	Form Conc	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage				
14	Newpath	2	0.047	lb ai/a	3	fl oz/a	MPOT	53ef	88ab	68bcd	74a-e
14	COC	1	1	% v/v	19.2	fl oz/a	MPOT				
14	UAN	2	2	% v/v	38.4	fl oz/a	MPOT				
15	Newpath	2	0.047	lb ai/a	3	fl oz/a	MPOT	63a-e	83abc	76ab	75a-d
15	Phase II	1	1	% v/v	19.2	fl oz/a	MPOT				
15	UAN	0	0	% v/v	0	fl oz/a	MPOT				
16	Newpath	2	0.047	lb ai/a	3	fl oz/a	MPOT	69abc	79b-e	81a	81a
16	Phase II	1	1	% v/v	19.2	fl oz/a	MPOT				
16	UAN	2	2	% v/v	38.4	fl oz/a	MPOT				
17	Regiment	80	0.02	lb ai/a	0.4	oz/a	MPOT	70ab	83abc	71a-d	76a-d
17	Dyne-a-pak	1	1	% v/v	19.2	fl oz/a	MPOT				
17	UAN	0	0	% v/v	0	fl oz/a	MPOT				
18	Regiment	80	0.02	lb ai/a	0.4	oz/a	MPOT	55def	71ef	76ab	71a-g
18	Dyne-a-pak	1	1	% v/v	19.2	fl oz/a	MPOT				
18	UAN	2	2	% v/v	38.4	fl oz/a	MPOT				
19	Regiment	80	0.02	lb ai/a	0.4	oz/a	MPOT	65a-e	78cde	76ab	78abc
19	Kinetic	0.125	0.125	% v/v	2.4	fl oz/a	MPOT				
19	UAN	0	0	% v/v	0	fl oz/a	MPOT				
20	Regiment	80	0.02	lb ai/a	0.4	oz/a	MPOT	65a-e	81a-d	76ab	76a-d
20	Kinetic	0.125	0.125	% v/v	2.4	fl oz/a	MPOT				
20	UAN	2	2	% v/v	38.4	fl oz/a	MPOT				
21	Regiment	80	0.02	lb ai/a	0.4	oz/a	MPOT	58b-f	65f	61d	7a-g
21	COC	1	1	% v/v	19.2	fl oz/a	MPOT				
21	UAN	0	0	% v/v	0	fl oz/a	MPOT				
22	Regiment	80	0.02	lb ai/a	0.4	oz/a	MPOT	58b-f	83abc	73a-d	73a-f
22	COC	1	1	% v/v	19.2	fl oz/a	MPOT				
22	UAN	2	2	% v/v	38.4	fl oz/a	MPOT				
23	Regiment	80	0.02	lb ai/a	0.4	oz/a	MPOT	68a-d	85abc	76ab	69b-h
23	Phase II	1	1	% v/v	19.2	fl oz/a	MPOT				
23	UAN	0	0	% v/v	0	fl oz/a	MPOT				
24	Regiment	80	0.02	lb ai/a	0.4	oz/a	MPOT	75a	84abc	80a	79ab
24	Phase II	1	1	% v/v	19.2	fl oz/a	MPOT				
24	UAN	2	2	% v/v	38.4	fl oz/a	MPOT				
LSD (P=.05)								13.6	8.8	11.9	10.9
Standard Deviation								9.6	6.2	8.4	7.7
CV								15.58	7.68	11.58	10.85

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

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Department of Agronomy and Environmental Management

Evaluation of Surfactants with Broadleaf Herbicides and UAN

Trial ID: C06-29
 Location: RRS-Crowley, LA

Pest Code				BRAPP		BRAPP		BRAPP		BRAPP	
Rating Date				5/Jun/2006		19/Jun/2006		7/Jul/2006		17/Jul/2006	
Rating Data Type				CONTROL		CONTROL		CONTROL		CONTROL	
Rating Unit				%		%		%		%	
Trt-Eval Interval				12daMPOT		26daMPOT		44daMPOT		54daMPOT	
Trt No.	Treatment Name	Form Conc	Rate Rate	Other Rate	Other Rate	Growth Unit	Stage				
1	Grasp	2	0.0313	lb ai/a	2	fl oz/a	MPOT	65bcd	88a	67def	65e
1	Dyne-a-pak	1		% v/v	19.2	fl oz/a	MPOT				
1	UAN	0		% v/v	0	fl oz/a	MPOT				
2	Grasp	2	0.0313	lb ai/a	2	fl oz/a	MPOT	66a-d	90a	76a-f	77a-e
2	Dyne-a-pak	1		% v/v	19.2	fl oz/a	MPOT				
2	UAN	2		% v/v	38.4	fl oz/a	MPOT				
3	Grasp	2	0.0313	lb ai/a	2	fl oz/a	MPOT	65bcd	84a	88a-d	88abc
3	Kinetic	0.125		% v/v	2.4	fl oz/a	MPOT				
3	UAN	0		% v/v	0	fl oz/a	MPOT				
4	Grasp	2	0.0313	lb ai/a	2	fl oz/a	MPOT	78abc	88a	90abc	90abc
4	Kinetic	0.125		% v/v	2.4	fl oz/a	MPOT				
4	UAN	2		% v/v	38.4	fl oz/a	MPOT				
5	Grasp	2	0.0313	lb ai/a	2	fl oz/a	MPOT	75abc	84a	73b-f	81a-e
5	COC	1		% v/v	19.2	fl oz/a	MPOT				
5	UAN	0		% v/v	0	fl oz/a	MPOT				
6	Grasp	2	0.0313	lb ai/a	2	fl oz/a	MPOT	61cde	73bc	60f	74cde
6	COC	1		% v/v	19.2	fl oz/a	MPOT				
6	UAN	2		% v/v	38.4	fl oz/a	MPOT				
7	Grasp	2	0.0313	lb ai/a	2	fl oz/a	MPOT	68a-d	85a	81a-e	85a-d
7	Phase II	1		% v/v	19.2	fl oz/a	MPOT				
7	UAN	0		% v/v	0	fl oz/a	MPOT				
8	Grasp	2	0.0313	lb ai/a	2	fl oz/a	MPOT	51de	70c	60ef	70de
8	Phase II	1		% v/v	19.2	fl oz/a	MPOT				
8	UAN	2		% v/v	38.4	fl oz/a	MPOT				
9	Newpath	2	0.047	lb ai/a	3	fl oz/a	MPOT	70abc	73bc	89abc	85a-d
9	Dyne-a-pak	1		% v/v	19.2	fl oz/a	MPOT				
9	UAN	0		% v/v	0	fl oz/a	MPOT				
10	Newpath	2	0.047	lb ai/a	3	fl oz/a	MPOT	80ab	89a	93ab	93a
10	Dyne-a-pak	1		% v/v	19.2	fl oz/a	MPOT				
10	UAN	2		% v/v	38.4	fl oz/a	MPOT				
11	Newpath	2	0.047	lb ai/a	3	fl oz/a	MPOT	83a	89a	85a-d	92ab
11	Kinetic	0.125		% v/v	2.4	fl oz/a	MPOT				
11	UAN	0		% v/v	0	fl oz/a	MPOT				
12	Newpath	2	0.047	lb ai/a	3	fl oz/a	MPOT	74abc	85a	91ab	88bc
12	Kinetic	0.125		% v/v	2.4	fl oz/a	MPOT				
12	UAN	2		% v/v	38.4	fl oz/a	MPOT				
13	Newpath	2	0.047	lb ai/a	3	fl oz/a	MPOT	48e	85a	91ab	75b-e
13	COC	1		% v/v	19.2	fl oz/a	MPOT				
13	UAN	0		% v/v	0	fl oz/a	MPOT				

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Pest Code				BRAPP	BRAPP	BRAPP	BRAPP			
Rating Date				5/Jun/2006	19/Jun/2006	7/Jul/2006	17/Jul/2006			
Rating Data Type				CONTROL	CONTROL	CONTROL	CONTROL			
Rating Unit				%	%	%	%			
Trt-Eval Interval				12daMPOT	26daMPOT	44daMPOT	54daMPOT			
Trt No.	Treatment Name	Form Conc	Rate Rate	Other Rate	Other Rate	Growth Stage				
14	Newpath	2	0.047	lb ai/a	3 fl oz/a	MPOT	63cde	88a	91ab	81a-e
14	COC	1		% v/v	19.2 fl oz/a	MPOT				
14	UAN	2		% v/v	38.4 fl oz/a	MPOT				
15	Newpath	2	0.047	lb ai/a	3 fl oz/a	MPOT	81ab	86a	90abc	92ab
15	Phase II	1		% v/v	19.2 fl oz/a	MPOT				
15	UAN	0		% v/v	0 fl oz/a	MPOT				
16	Newpath	2	0.047	lb ai/a	3 fl oz/a	MPOT	75abc	81ab	95a	93a
16	Phase II	1		% v/v	19.2 fl oz/a	MPOT				
16	UAN	2		% v/v	38.4 fl oz/a	MPOT				
17	Regiment	80	0.02	lb ai/a	0.4 oz/a	MPOT	81ab	86a	86a-d	90abc
17	Dyne-a-pak	1		% v/v	19.2 fl oz/a	MPOT				
17	UAN	0		% v/v	0 fl oz/a	MPOT				
18	Regiment	80	0.02	lb ai/a	0.4 oz/a	MPOT	73abc	84a	92ab	80a-e
18	Dyne-a-pak	1		% v/v	19.2 fl oz/a	MPOT				
18	UAN	2		% v/v	38.4 fl oz/a	MPOT				
19	Regiment	80	0.02	lb ai/a	0.4 oz/a	MPOT	78abc	84a	84a-d	83a-d
19	Kinetic	0.125		% v/v	2.4 fl oz/a	MPOT				
19	UAN	0		% v/v	0 fl oz/a	MPOT				
20	Regiment	80	0.02	lb ai/a	0.4 oz/a	MPOT	83a	89a	93ab	92ab
20	Kinetic	0.125		% v/v	2.4 fl oz/a	MPOT				
20	UAN	2		% v/v	38.4 fl oz/a	MPOT				
21	Regiment	80	0.02	lb ai/a	0.4 oz/a	MPOT	65bcd	70c	69c-f	70de
21	COC	1		% v/v	19.2 fl oz/a	MPOT				
21	UAN	0		% v/v	0 fl oz/a	MPOT				
22	Regiment	80	0.02	lb ai/a	0.4 oz/a	MPOT	70abc	85a	69c-f	81a-e
22	COC	1		% v/v	19.2 fl oz/a	MPOT				
22	UAN	2		% v/v	38.4 fl oz/a	MPOT				
23	Regiment	80	0.02	lb ai/a	0.4 oz/a	MPOT	75abc	83ab	89abc	86a-d
23	Phase II	1		% v/v	19.2 fl oz/a	MPOT				
23	UAN	0		% v/v	0 fl oz/a	MPOT				
24	Regiment	80	0.02	lb ai/a	0.4 oz/a	MPOT	78abc	89a	90abc	86a-d
24	Phase II	1		% v/v	19.2 fl oz/a	MPOT				
24	UAN	2		% v/v	38.4 fl oz/a	MPOT				
LSD (P=.05)							16.3	10.4	21.5	17.0
Standard Deviation							11.5	7.4	15.2	12.0
CV							16.24	8.83	18.4	14.48

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

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Department of Agronomy and Environmental Management

Evaluation of Surfactants with Broadleaf Herbicides and UAN

Trial ID: C06-29
 Location: RRS-Crowley, LA

Pest Code		ALRPH		ALRPH		ALRPH		ALRPH				
Rating Date		5/Jun/2006		19/Jun/2006		7/Jul/2006		17/Jul/2006				
Rating Data Type		CONTROL		CONTROL		CONTROL		CONTROL				
Rating Unit		%		%		%		%				
Trt-Eval Interval		12daMPOT		26daMPOT		44daMPOT		54daMPOT				
Trt No.	Treatment Name	Form Conc	Rate Rate	Unit Unit	Other Rate	Other Rate	Unit Unit	Growth Stage				
1	Grasp	2	0.0313	lb ai/a	2	fl oz/a	MPOT	84ab	94a	66a-d	89abc	
1	Dyne-a-pak	1		% v/v	19.2	fl oz/a	MPOT					
1	UAN	0		% v/v	0	fl oz/a	MPOT					
2	Grasp	2	0.0313	lb ai/a	2	fl oz/a	MPOT	74ab	88ab	80abc	91a	
2	Dyne-a-pak	1		% v/v	19.2	fl oz/a	MPOT					
2	UAN	2		% v/v	38.4	fl oz/a	MPOT					
3	Grasp	2	0.0313	lb ai/a	2	fl oz/a	MPOT	83ab	85ab	80abc	86a-d	
3	Kinetic	0.125		% v/v	2.4	fl oz/a	MPOT					
3	UAN	0		% v/v	0	fl oz/a	MPOT					
4	Grasp	2	0.0313	lb ai/a	2	fl oz/a	MPOT	83ab	94a	83abc	91a	
4	Kinetic	0.125		% v/v	2.4	fl oz/a	MPOT					
4	UAN	2		% v/v	38.4	fl oz/a	MPOT					
5	Grasp	2	0.0313	lb ai/a	2	fl oz/a	MPOT	83ab	90ab	91a	91a	
5	COC	1		% v/v	19.2	fl oz/a	MPOT					
5	UAN	0		% v/v	0	fl oz/a	MPOT					
6	Grasp	2	0.0313	lb ai/a	2	fl oz/a	MPOT	83ab	86ab	66a-d	81a-f	
6	COC	1		% v/v	19.2	fl oz/a	MPOT					
6	UAN	2		% v/v	38.4	fl oz/a	MPOT					
7	Grasp	2	0.0313	lb ai/a	2	fl oz/a	MPOT	84ab	93ab	84ab	90ab	
7	Phase II	1		% v/v	19.2	fl oz/a	MPOT					
7	UAN	0		% v/v	0	fl oz/a	MPOT					
8	Grasp	2	0.0313	lb ai/a	2	fl oz/a	MPOT	79ab	58c	61b-e	73c-g	
8	Phase II	1		% v/v	19.2	fl oz/a	MPOT					
8	UAN	2		% v/v	38.4	fl oz/a	MPOT					
9	Newpath	2	0.047	lb ai/a	3	fl oz/a	MPOT	48de	59c	58c-f	90ab	
9	Dyne-a-pak	1		% v/v	19.2	fl oz/a	MPOT					
9	UAN	0		% v/v	0	fl oz/a	MPOT					
10	Newpath	2	0.047	lb ai/a	3	fl oz/a	MPOT	43def	20e	26g	68e-h	
10	Dyne-a-pak	1		% v/v	19.2	fl oz/a	MPOT					
10	UAN	2		% v/v	38.4	fl oz/a	MPOT					
11	Newpath	2	0.047	lb ai/a	3	fl oz/a	MPOT	68bc	68c	44d-g	74b-f	
11	Kinetic	0.125		% v/v	2.4	fl oz/a	MPOT					
11	UAN	0		% v/v	0	fl oz/a	MPOT					
12	Newpath	2	0.047	lb ai/a	3	fl oz/a	MPOT	41def	43d	41d-g	56gh	
12	Kinetic	0.125		% v/v	2.4	fl oz/a	MPOT					
12	UAN	2		% v/v	38.4	fl oz/a	MPOT					
13	Newpath	2	0.047	lb ai/a	3	fl oz/a	MPOT	43def	20e	38efg	65fgh	
13	COC	1		% v/v	19.2	fl oz/a	MPOT					
13	UAN	0		% v/v	0	fl oz/a	MPOT					

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Pest Code				ALRPH	ALRPH	ALRPH	ALRPH				
Rating Date				5/Jun/2006	19/Jun/2006	7/Jul/2006	17/Jul/2006				
Rating Data Type				CONTROL	CONTROL	CONTROL	CONTROL				
Rating Unit				%	%	%	%				
Trt-Eval Interval				12daMPOT	26daMPOT	44daMPOT	54daMPOT				
Trt No.	Treatment Name	Form Conc	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage				
14	Newpath	2	0.047	lb ai/a	3	fl oz/a	MPOT	55cd	25e	41d-g	75a-f
14	COC	1	1	% v/v	19.2	fl oz/a	MPOT				
14	UAN	2	2	% v/v	38.4	fl oz/a	MPOT				
15	Newpath	2	0.047	lb ai/a	3	fl oz/a	MPOT	33ef	45d	41d-g	76a-f
15	Phase II	1	1	% v/v	19.2	fl oz/a	MPOT				
15	UAN	0	0	% v/v	0	fl oz/a	MPOT				
16	Newpath	2	0.047	lb ai/a	3	fl oz/a	MPOT	30f	43d	35fg	51h
16	Phase II	1	1	% v/v	19.2	fl oz/a	MPOT				
16	UAN	2	2	% v/v	38.4	fl oz/a	MPOT				
17	Regiment	80	0.02	lb ai/a	0.4	oz/a	MPOT	75ab	90ab	84ab	90ab
17	Dyne-a-pak	1	1	% v/v	19.2	fl oz/a	MPOT				
17	UAN	0	0	% v/v	0	fl oz/a	MPOT				
18	Regiment	80	0.02	lb ai/a	0.4	oz/a	MPOT	73ab	81b	73abc	70d-g
18	Dyne-a-pak	1	1	% v/v	19.2	fl oz/a	MPOT				
18	UAN	2	2	% v/v	38.4	fl oz/a	MPOT				
19	Regiment	80	0.02	lb ai/a	0.4	oz/a	MPOT	80ab	85ab	78abc	90ab
19	Kinetic	0.125	0.125	% v/v	2.4	fl oz/a	MPOT				
19	UAN	0	0	% v/v	0	fl oz/a	MPOT				
20	Regiment	80	0.02	lb ai/a	0.4	oz/a	MPOT	71abc	91ab	85ab	90ab
20	Kinetic	0.125	0.125	% v/v	2.4	fl oz/a	MPOT				
20	UAN	2	2	% v/v	38.4	fl oz/a	MPOT				
21	Regiment	80	0.02	lb ai/a	0.4	oz/a	MPOT	78ab	90ab	71abc	83a-e
21	COC	1	1	% v/v	19.2	fl oz/a	MPOT				
21	UAN	0	0	% v/v	0	fl oz/a	MPOT				
22	Regiment	80	0.02	lb ai/a	0.4	oz/a	MPOT	86a	89ab	75abc	90ab
22	COC	1	1	% v/v	19.2	fl oz/a	MPOT				
22	UAN	2	2	% v/v	38.4	fl oz/a	MPOT				
23	Regiment	80	0.02	lb ai/a	0.4	oz/a	MPOT	83ab	88ab	84ab	90ab
23	Phase II	1	1	% v/v	19.2	fl oz/a	MPOT				
23	UAN	0	0	% v/v	0	fl oz/a	MPOT				
24	Regiment	80	0.02	lb ai/a	0.4	oz/a	MPOT	71abc	94a	85ab	75a-f
24	Phase II	1	1	% v/v	19.2	fl oz/a	MPOT				
24	UAN	2	2	% v/v	38.4	fl oz/a	MPOT				
LSD (P=.05)								16.4	11.9	26.1	16.6
Standard Deviation								11.6	8.4	18.5	11.7
CV								17.08	11.75	28.24	14.64

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

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Department of Agronomy and Environmental Management

Evaluation of Surfactants with Broadleaf Herbicides and UAN

Trial ID: C06-29
 Location: RRS-Crowley, LA

Pest Code		CYPES		CYPES		CYPES		CYPES		
Rating Date		5/Jun/2006		19/Jun/2006		7/Jul/2006		17/Jul/2006		
Rating Data Type		CONTROL		CONTROL		CONTROL		CONTROL		
Rating Unit		%		%		%		%		
Trt-Eval Interval		12daMPOT		26daMPOT		44daMPOT		54daMPOT		
Trt No.	Treatment Name	Form Conc	Rate Rate	Other Rate	Other Rate	Growth Stage				
1	Grasp	2	0.0313 lb ai/a	2	fl oz/a	MPOT	50f	85abc	73a	60f
1	Dyne-a-pak	1	% v/v	19.2	fl oz/a	MPOT				
1	UAN	0	% v/v	0	fl oz/a	MPOT				
2	Grasp	2	0.0313 lb ai/a	2	fl oz/a	MPOT	84a	89ab	82a	76b-f
2	Dyne-a-pak	1	% v/v	19.2	fl oz/a	MPOT				
2	UAN	2	% v/v	38.4	fl oz/a	MPOT				
3	Grasp	2	0.0313 lb ai/a	2	fl oz/a	MPOT	71a-d	90ab	92a	89a-d
3	Kinetic	0.125	% v/v	2.4	fl oz/a	MPOT				
3	UAN	0	% v/v	0	fl oz/a	MPOT				
4	Grasp	2	0.0313 lb ai/a	2	fl oz/a	MPOT	63c-f	89ab	87a	73def
4	Kinetic	0.125	% v/v	2.4	fl oz/a	MPOT				
4	UAN	2	% v/v	38.4	fl oz/a	MPOT				
5	Grasp	2	0.0313 lb ai/a	2	fl oz/a	MPOT	84a	90ab	95a	93ab
5	COC	1	% v/v	19.2	fl oz/a	MPOT				
5	UAN	0	% v/v	0	fl oz/a	MPOT				
6	Grasp	2	0.0313 lb ai/a	2	fl oz/a	MPOT	73abc	86ab	78a	85a-e
6	COC	1	% v/v	19.2	fl oz/a	MPOT				
6	UAN	2	% v/v	38.4	fl oz/a	MPOT				
7	Grasp	2	0.0313 lb ai/a	2	fl oz/a	MPOT	75abc	89ab	93a	95a
7	Phase II	1	% v/v	19.2	fl oz/a	MPOT				
7	UAN	0	% v/v	0	fl oz/a	MPOT				
8	Grasp	2	0.0313 lb ai/a	2	fl oz/a	MPOT	71a-d	50e	69a	86a-e
8	Phase II	1	% v/v	19.2	fl oz/a	MPOT				
8	UAN	2	% v/v	38.4	fl oz/a	MPOT				
9	Newpath	2	0.047 lb ai/a	3	fl oz/a	MPOT	66b-f	73cd	69a	94a
9	Dyne-a-pak	1	% v/v	19.2	fl oz/a	MPOT				
9	UAN	0	% v/v	0	fl oz/a	MPOT				
10	Newpath	2	0.047 lb ai/a	3	fl oz/a	MPOT	83ab	89ab	76a	93abc
10	Dyne-a-pak	1	% v/v	19.2	fl oz/a	MPOT				
10	UAN	2	% v/v	38.4	fl oz/a	MPOT				
11	Newpath	2	0.047 lb ai/a	3	fl oz/a	MPOT	75abc	78bcd	80a	86a-e
11	Kinetic	0.125	% v/v	2.4	fl oz/a	MPOT				
11	UAN	0	% v/v	0	fl oz/a	MPOT				
12	Newpath	2	0.047 lb ai/a	3	fl oz/a	MPOT	64c-f	81a-d	74a	94a
12	Kinetic	0.125	% v/v	2.4	fl oz/a	MPOT				
12	UAN	2	% v/v	38.4	fl oz/a	MPOT				
13	Newpath	2	0.047 lb ai/a	3	fl oz/a	MPOT	55def	69d	91a	84a-e
13	COC	1	% v/v	19.2	fl oz/a	MPOT				
13	UAN	0	% v/v	0	fl oz/a	MPOT				

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Department of Agronomy and Environmental Management

Pest Code				CYPES	CYPES	CYPES	CYPES				
Rating Date				5/Jun/2006	19/Jun/2006	7/Jul/2006	17/Jul/2006				
Rating Data Type				CONTROL	CONTROL	CONTROL	CONTROL				
Rating Unit				%	%	%	%				
Trt-Eval Interval				12daMPOT	26daMPOT	44daMPOT	54daMPOT				
Trt No.	Treatment Name	Form Conc	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage				
14	Newpath	2	0.047	lb ai/a	3	fl oz/a	MPOT	66b-f	83abc	83a	93abc
14	COC	1		% v/v	19.2	fl oz/a	MPOT				
14	UAN	2		% v/v	38.4	fl oz/a	MPOT				
15	Newpath	2	0.047	lb ai/a	3	fl oz/a	MPOT	74abc	84abc	70a	93ab
15	Phase II	1		% v/v	19.2	fl oz/a	MPOT				
15	UAN	0		% v/v	0	fl oz/a	MPOT				
16	Newpath	2	0.047	lb ai/a	3	fl oz/a	MPOT	65c-f	83abc	75a	95a
16	Phase II	1		% v/v	19.2	fl oz/a	MPOT				
16	UAN	2		% v/v	38.4	fl oz/a	MPOT				
17	Regiment	80	0.02	lb ai/a	0.4	oz/a	MPOT	60c-f	83abc	71a	70ef
17	Dyne-a-pak	1		% v/v	19.2	fl oz/a	MPOT				
17	UAN	0		% v/v	0	fl oz/a	MPOT				
18	Regiment	80	0.02	lb ai/a	0.4	oz/a	MPOT	51ef	83abc	74a	76c-f
18	Dyne-a-pak	1		% v/v	19.2	fl oz/a	MPOT				
18	UAN	2		% v/v	38.4	fl oz/a	MPOT				
19	Regiment	80	0.02	lb ai/a	0.4	oz/a	MPOT	68a-e	84abc	75a	86a-e
19	Kinetic	0.125		% v/v	2.4	fl oz/a	MPOT				
19	UAN	0		% v/v	0	fl oz/a	MPOT				
20	Regiment	80	0.02	lb ai/a	0.4	oz/a	MPOT	69a-d	78bcd	83a	78a-e
20	Kinetic	0.125		% v/v	2.4	fl oz/a	MPOT				
20	UAN	2		% v/v	38.4	fl oz/a	MPOT				
21	Regiment	80	0.02	lb ai/a	0.4	oz/a	MPOT	75abc	91a	66a	84a-e
21	COC	1		% v/v	19.2	fl oz/a	MPOT				
21	UAN	0		% v/v	0	fl oz/a	MPOT				
22	Regiment	80	0.02	lb ai/a	0.4	oz/a	MPOT	65c-f	86ab	70a	91abc
22	COC	1		% v/v	19.2	fl oz/a	MPOT				
22	UAN	2		% v/v	38.4	fl oz/a	MPOT				
23	Regiment	80	0.02	lb ai/a	0.4	oz/a	MPOT	75abc	83abc	86a	91abc
23	Phase II	1		% v/v	19.2	fl oz/a	MPOT				
23	UAN	0		% v/v	0	fl oz/a	MPOT				
24	Regiment	80	0.02	lb ai/a	0.4	oz/a	MPOT	83ab	91a	87a	94a
24	Phase II	1		% v/v	19.2	fl oz/a	MPOT				
24	UAN	2		% v/v	38.4	fl oz/a	MPOT				
LSD (P=.05)								16.3	13.5	31.9	17.4
Standard Deviation								11.5	9.5	22.6	12.3
CV								16.67	11.53	28.57	14.33

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

LSU AgCenter

Department of Agronomy and Environmental Management

Evaluation of Surfactants with Broadleaf Herbicides and UAN

Trial ID: C06-29
 Location: RRS-Crowley, LA

Pest Code		CYPIR		CYPIR		CYPIR		CYPIR			
Rating Date		5/Jun/2006		19/Jun/2006		7/Jul/2006		17/Jul/2006			
Rating Data Type		CONTROL		CONTROL		CONTROL		CONTROL			
Rating Unit		%		%		%		%			
Trt-Eval Interval		12daMPOT		26daMPOT		44daMPOT		54daMPOT			
Trt No.	Treatment Name	Form Conc	Rate Rate	Other Rate	Other Rate	Growth Unit	Stage				
1	Grasp	2	0.0313	lb ai/a	2	fl oz/a	MPOT	85de	90ab	96a	91b
1	Dyne-a-pak	1		% v/v	19.2	fl oz/a	MPOT				
1	UAN	0		% v/v	0	fl oz/a	MPOT				
2	Grasp	2	0.0313	lb ai/a	2	fl oz/a	MPOT	94ab	94a	96a	93ab
2	Dyne-a-pak	1		% v/v	19.2	fl oz/a	MPOT				
2	UAN	2		% v/v	38.4	fl oz/a	MPOT				
3	Grasp	2	0.0313	lb ai/a	2	fl oz/a	MPOT	94ab	93a	93a	95ab
3	Kinetic		0.125	% v/v	2.4	fl oz/a	MPOT				
3	UAN	0		% v/v	0	fl oz/a	MPOT				
4	Grasp	2	0.0313	lb ai/a	2	fl oz/a	MPOT	89a-e	88abc	96a	91b
4	Kinetic		0.125	% v/v	2.4	fl oz/a	MPOT				
4	UAN	2		% v/v	38.4	fl oz/a	MPOT				
5	Grasp	2	0.0313	lb ai/a	2	fl oz/a	MPOT	95a	91ab	96a	96a
5	COC	1		% v/v	19.2	fl oz/a	MPOT				
5	UAN	0		% v/v	0	fl oz/a	MPOT				
6	Grasp	2	0.0313	lb ai/a	2	fl oz/a	MPOT	91a-d	90ab	94a	93ab
6	COC	1		% v/v	19.2	fl oz/a	MPOT				
6	UAN	2		% v/v	38.4	fl oz/a	MPOT				
7	Grasp	2	0.0313	lb ai/a	2	fl oz/a	MPOT	93abc	94a	95a	95ab
7	Phase II	1		% v/v	19.2	fl oz/a	MPOT				
7	UAN	0		% v/v	0	fl oz/a	MPOT				
8	Grasp	2	0.0313	lb ai/a	2	fl oz/a	MPOT	94ab	68d	95a	94ab
8	Phase II	1		% v/v	19.2	fl oz/a	MPOT				
8	UAN	2		% v/v	38.4	fl oz/a	MPOT				
9	Newpath	2	0.047	lb ai/a	3	fl oz/a	MPOT	86cde	85abc	94a	95ab
9	Dyne-a-pak	1		% v/v	19.2	fl oz/a	MPOT				
9	UAN	0		% v/v	0	fl oz/a	MPOT				
10	Newpath	2	0.047	lb ai/a	3	fl oz/a	MPOT	91a-d	94a	95a	95ab
10	Dyne-a-pak	1		% v/v	19.2	fl oz/a	MPOT				
10	UAN	2		% v/v	38.4	fl oz/a	MPOT				
11	Newpath	2	0.047	lb ai/a	3	fl oz/a	MPOT	89a-e	88abc	94a	96a
11	Kinetic		0.125	% v/v	2.4	fl oz/a	MPOT				
11	UAN	0		% v/v	0	fl oz/a	MPOT				
12	Newpath	2	0.047	lb ai/a	3	fl oz/a	MPOT	84e	90ab	94a	95ab
12	Kinetic		0.125	% v/v	2.4	fl oz/a	MPOT				
12	UAN	2		% v/v	38.4	fl oz/a	MPOT				
13	Newpath	2	0.047	lb ai/a	3	fl oz/a	MPOT	90a-e	79c	94a	94ab
13	COC	1		% v/v	19.2	fl oz/a	MPOT				
13	UAN	0		% v/v	0	fl oz/a	MPOT				

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Pest Code				CYPIR	CYPIR	CYPIR	CYPIR				
Rating Date				5/Jun/2006	19/Jun/2006	7/Jul/2006	17/Jul/2006				
Rating Data Type				CONTROL	CONTROL	CONTROL	CONTROL				
Rating Unit				%	%	%	%				
Trt-Eval Interval				12daMPOT	26daMPOT	44daMPOT	54daMPOT				
Trt No.	Treatment Name	Form Conc	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage				
14	Newpath	2	0.047	lb ai/a	3	fl oz/a	MPOT	86cde	90ab	95a	94ab
14	COC	1		% v/v	19.2	fl oz/a	MPOT				
14	UAN	2		% v/v	38.4	fl oz/a	MPOT				
15	Newpath	2	0.047	lb ai/a	3	fl oz/a	MPOT	93abc	91ab	95a	95ab
15	Phase II	1		% v/v	19.2	fl oz/a	MPOT				
15	UAN	0		% v/v	0	fl oz/a	MPOT				
16	Newpath	2	0.047	lb ai/a	3	fl oz/a	MPOT	88b-e	89ab	95a	96a
16	Phase II	1		% v/v	19.2	fl oz/a	MPOT				
16	UAN	2		% v/v	38.4	fl oz/a	MPOT				
17	Regiment	80	0.02	lb ai/a	0.4	oz/a	MPOT	88b-e	88abc	95a	93ab
17	Dyne-a-pak	1		% v/v	19.2	fl oz/a	MPOT				
17	UAN	0		% v/v	0	fl oz/a	MPOT				
18	Regiment	80	0.02	lb ai/a	0.4	oz/a	MPOT	86cde	83bc	95a	93ab
18	Dyne-a-pak	1		% v/v	19.2	fl oz/a	MPOT				
18	UAN	2		% v/v	38.4	fl oz/a	MPOT				
19	Regiment	80	0.02	lb ai/a	0.4	oz/a	MPOT	90a-e	90ab	95a	96a
19	Kinetic		0.125	% v/v	2.4	fl oz/a	MPOT				
19	UAN	0		% v/v	0	fl oz/a	MPOT				
20	Regiment	80	0.02	lb ai/a	0.4	oz/a	MPOT	90a-e	94a	93a	95ab
20	Kinetic		0.125	% v/v	2.4	fl oz/a	MPOT				
20	UAN	2		% v/v	38.4	fl oz/a	MPOT				
21	Regiment	80	0.02	lb ai/a	0.4	oz/a	MPOT	93abc	93a	95a	94ab
21	COC	1		% v/v	19.2	fl oz/a	MPOT				
21	UAN	0		% v/v	0	fl oz/a	MPOT				
22	Regiment	80	0.02	lb ai/a	0.4	oz/a	MPOT	91a-d	88abc	95a	94ab
22	COC	1		% v/v	19.2	fl oz/a	MPOT				
22	UAN	2		% v/v	38.4	fl oz/a	MPOT				
23	Regiment	80	0.02	lb ai/a	0.4	oz/a	MPOT	93abc	86abc	95a	93ab
23	Phase II	1		% v/v	19.2	fl oz/a	MPOT				
23	UAN	0		% v/v	0	fl oz/a	MPOT				
24	Regiment	80	0.02	lb ai/a	0.4	oz/a	MPOT	95a	94a	96a	95ab
24	Phase II	1		% v/v	19.2	fl oz/a	MPOT				
24	UAN	2		% v/v	38.4	fl oz/a	MPOT				
LSD (P=.05)								7.0	9.3	3.0	4.8
Standard Deviation								4.9	6.6	2.1	3.4
CV								5.46	7.41	2.24	3.59

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

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Evaluation of Surfactants with Broadleaf Herbicides and UAN

Trial ID: C06-29
 Location: RRS-Crowley, LA

Pest Code	RICE	RICE	RICE
Rating Date	5/June/2006	19/June/2006	17/July/2006
Rating Data Type	INJURY	INJURY	INJURY
Rating Unit	%	%	%
Trt-Eval Interval	12daMPOT	26daMPOT	54daMPOT

Trt No.	Treatment Name	Form Conc	Rate	Unit	Other Rate	Other Unit	Growth Stage			
1	Grasp	2	0.0313	lb ai/a	2	fl oz/a	MPOT	0a	0a	0a
1	Dyne-a-pak	1		% v/v	19.2	fl oz/a	MPOT			
1	UAN	0		% v/v	0	fl oz/a	MPOT			
2	Grasp	2	0.0313	lb ai/a	2	fl oz/a	MPOT	0a	0a	0a
2	Dyne-a-pak	1		% v/v	19.2	fl oz/a	MPOT			
2	UAN	2		% v/v	38.4	fl oz/a	MPOT			
3	Grasp	2	0.0313	lb ai/a	2	fl oz/a	MPOT	0a	0a	0a
3	Kinetic		0.125	% v/v	2.4	fl oz/a	MPOT			
3	UAN	0		% v/v	0	fl oz/a	MPOT			
4	Grasp	2	0.0313	lb ai/a	2	fl oz/a	MPOT	0a	0a	0a
4	Kinetic		0.125	% v/v	2.4	fl oz/a	MPOT			
4	UAN	2		% v/v	38.4	fl oz/a	MPOT			
5	Grasp	2	0.0313	lb ai/a	2	fl oz/a	MPOT	0a	0a	0a
5	COC	1		% v/v	19.2	fl oz/a	MPOT			
5	UAN	0		% v/v	0	fl oz/a	MPOT			
6	Grasp	2	0.0313	lb ai/a	2	fl oz/a	MPOT	0a	0a	0a
6	COC	1		% v/v	19.2	fl oz/a	MPOT			
6	UAN	2		% v/v	38.4	fl oz/a	MPOT			
7	Grasp	2	0.0313	lb ai/a	2	fl oz/a	MPOT	0a	0a	0a
7	Phase II	1		% v/v	19.2	fl oz/a	MPOT			
7	UAN	0		% v/v	0	fl oz/a	MPOT			
8	Grasp	2	0.0313	lb ai/a	2	fl oz/a	MPOT	0a	0a	0a
8	Phase II	1		% v/v	19.2	fl oz/a	MPOT			
8	UAN	2		% v/v	38.4	fl oz/a	MPOT			
9	Newpath	2	0.047	lb ai/a	3	fl oz/a	MPOT	0a	0a	0a
9	Dyne-a-pak	1		% v/v	19.2	fl oz/a	MPOT			
9	UAN	0		% v/v	0	fl oz/a	MPOT			
10	Newpath	2	0.047	lb ai/a	3	fl oz/a	MPOT	0a	0a	0a
10	Dyne-a-pak	1		% v/v	19.2	fl oz/a	MPOT			
10	UAN	2		% v/v	38.4	fl oz/a	MPOT			
11	Newpath	2	0.047	lb ai/a	3	fl oz/a	MPOT	0a	0a	0a
11	Kinetic		0.125	% v/v	2.4	fl oz/a	MPOT			
11	UAN	0		% v/v	0	fl oz/a	MPOT			
12	Newpath	2	0.047	lb ai/a	3	fl oz/a	MPOT	0a	0a	0a
12	Kinetic		0.125	% v/v	2.4	fl oz/a	MPOT			
12	UAN	2		% v/v	38.4	fl oz/a	MPOT			
13	Newpath	2	0.047	lb ai/a	3	fl oz/a	MPOT	0a	0a	0a
13	COC	1		% v/v	19.2	fl oz/a	MPOT			
13	UAN	0		% v/v	0	fl oz/a	MPOT			

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Pest Code	RICE	RICE	RICE
Rating Date	5/Jun/2006	19/Jun/2006	17/Jul/2006
Rating Data Type	INJURY	INJURY	INJURY
Rating Unit	%	%	%
Trt-Eval Interval	12daMPOT	26daMPOT	54daMPOT

Trt No.	Treatment Name	Form Conc	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage			
14	Newpath	2	0.047	lb ai/a	3	fl oz/a	MPOT	0a	0a	0a
14	COC		1	% v/v	19.2	fl oz/a	MPOT			
14	UAN		2	% v/v	38.4	fl oz/a	MPOT			
15	Newpath	2	0.047	lb ai/a	3	fl oz/a	MPOT	0a	0a	0a
15	Phase II		1	% v/v	19.2	fl oz/a	MPOT			
15	UAN		0	% v/v	0	fl oz/a	MPOT			
16	Newpath	2	0.047	lb ai/a	3	fl oz/a	MPOT	0a	0a	0a
16	Phase II		1	% v/v	19.2	fl oz/a	MPOT			
16	UAN		2	% v/v	38.4	fl oz/a	MPOT			
17	Regiment	80	0.02	lb ai/a	0.4	oz/a	MPOT	0a	0a	0a
17	Dyne-a-pak		1	% v/v	19.2	fl oz/a	MPOT			
17	UAN		0	% v/v	0	fl oz/a	MPOT			
18	Regiment	80	0.02	lb ai/a	0.4	oz/a	MPOT	0a	0a	0a
18	Dyne-a-pak		1	% v/v	19.2	fl oz/a	MPOT			
18	UAN		2	% v/v	38.4	fl oz/a	MPOT			
19	Regiment	80	0.02	lb ai/a	0.4	oz/a	MPOT	0a	0a	0a
19	Kinetic		0.125	% v/v	2.4	fl oz/a	MPOT			
19	UAN		0	% v/v	0	fl oz/a	MPOT			
20	Regiment	80	0.02	lb ai/a	0.4	oz/a	MPOT	0a	0a	0a
20	UAN		2	% v/v	38.4	fl oz/a	MPOT			
21	Regiment	80	0.02	lb ai/a	0.4	oz/a	MPOT	0a	0a	0a
21	COC		1	% v/v	19.2	fl oz/a	MPOT			
21	UAN		0	% v/v	0	fl oz/a	MPOT			
22	Regiment	80	0.02	lb ai/a	0.4	oz/a	MPOT	0a	0a	0a
22	COC		1	% v/v	19.2	fl oz/a	MPOT			
22	UAN		2	% v/v	38.4	fl oz/a	MPOT			
23	Regiment	80	0.02	lb ai/a	0.4	oz/a	MPOT	0a	0a	0a
23	Phase II		1	% v/v	19.2	fl oz/a	MPOT			
23	UAN		0	% v/v	0	fl oz/a	MPOT			
24	Regiment	80	0.02	lb ai/a	0.4	oz/a	MPOT	0a	0a	0a
24	Phase II		1	% v/v	19.2	fl oz/a	MPOT			
24	UAN		2	% v/v	38.4	fl oz/a	MPOT			
LSD (P=.05)								0.0	0.0	0.0
Standard Deviation								0.0	0.0	0.0
CV								0.0	0.0	0.0

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

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Evaluation of Surfactants with Braodleaf Herbicides and UAN

Trial ID: C06-29
 Location: RRS-Crowley, LA

Pest Code	RICE	RICE	RICE
Rating Date	10/Aug/2006	10/Aug/2006	10/Aug/2006
Rating Data Type	Avg Height	Yield	Yield
Rating Unit	cm	Bu/A	lb/A
Trt-Eval Interval	maturity		

Trt No.	Treatment Name	Form Conc	Rate Rate	Other Rate	Other Rate	Growth Unit	Stage			
1	Grasp	2	0.0313	lb ai/a	2	fl oz/a	MPOT	102abc	101b	4532b
1	Dyne-a-pak	1	% v/v	19.2	fl oz/a	MPOT				
1	UAN	0	% v/v	0	fl oz/a	MPOT				
2	Grasp	2	0.0313	lb ai/a	2	fl oz/a	MPOT	107a	118ab	5288ab
2	Dyne-a-pak	1	% v/v	19.2	fl oz/a	MPOT				
2	UAN	2	% v/v	38.4	fl oz/a	MPOT				
3	Grasp	2	0.0313	lb ai/a	2	fl oz/a	MPOT	103abc	110ab	4918ab
3	Kinetic	0.125	% v/v	2.4	fl oz/a	MPOT				
3	UAN	0	% v/v	0	fl oz/a	MPOT				
4	Grasp	2	0.0313	lb ai/a	2	fl oz/a	MPOT	107a	120ab	5396ab
4	Kinetic	0.125	% v/v	2.4	fl oz/a	MPOT				
4	UAN	2	% v/v	38.4	fl oz/a	MPOT				
5	Grasp	2	0.0313	lb ai/a	2	fl oz/a	MPOT	97c	114ab	5126ab
5	COC	1	% v/v	19.2	fl oz/a	MPOT				
5	UAN	0	% v/v	0	fl oz/a	MPOT				
6	Grasp	2	0.0313	lb ai/a	2	fl oz/a	MPOT	102abc	111ab	4959ab
6	COC	1	% v/v	19.2	fl oz/a	MPOT				
6	UAN	2	% v/v	38.4	fl oz/a	MPOT				
7	Grasp	2	0.0313	lb ai/a	2	fl oz/a	MPOT	101bc	113ab	5083ab
7	Phase II	1	% v/v	19.2	fl oz/a	MPOT				
7	UAN	0	% v/v	0	fl oz/a	MPOT				
8	Grasp	2	0.0313	lb ai/a	2	fl oz/a	MPOT	104ab	107ab	4773ab
8	Phase II	1	% v/v	19.2	fl oz/a	MPOT				
8	UAN	2	% v/v	38.4	fl oz/a	MPOT				
9	Newpath	2	0.047	lb ai/a	3	fl oz/a	MPOT	104ab	111ab	4980ab
9	Dyne-a-pak	1	% v/v	19.2	fl oz/a	MPOT				
9	UAN	0	% v/v	0	fl oz/a	MPOT				
10	Newpath	2	0.047	lb ai/a	3	fl oz/a	MPOT	104ab	127ab	5691ab
10	Dyne-a-pak	1	% v/v	19.2	fl oz/a	MPOT				
10	UAN	2	% v/v	38.4	fl oz/a	MPOT				
11	Newpath	2	0.047	lb ai/a	3	fl oz/a	MPOT	102abc	114ab	5126ab
11	Kinetic	0.125	% v/v	2.4	fl oz/a	MPOT				
11	UAN	0	% v/v	0	fl oz/a	MPOT				
12	Newpath	2	0.047	lb ai/a	3	fl oz/a	MPOT	100bc	125ab	5597ab
12	Kinetic	0.125	% v/v	2.4	fl oz/a	MPOT				
12	UAN	2	% v/v	38.4	fl oz/a	MPOT				
13	Newpath	2	0.047	lb ai/a	3	fl oz/a	MPOT	100bc	116ab	5197ab
13	COC	1	% v/v	19.2	fl oz/a	MPOT				
13	UAN	0	% v/v	0	fl oz/a	MPOT				

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Pest Code	RICE	RICE	RICE
Rating Date	10/Aug/2006	10/Aug/2006	10/Aug/2006
Rating Data Type	Avg Height	Yield	Yield
Rating Unit	cm	Bu/A	lb/A
Trt-Eval Interval	maturity		

Trt No.	Treatment Name	Form Conc	Rate Rate	Other Rate	Other Rate	Growth Unit	Stage			
14	Newpath	2	0.047	lb ai/a	3	fl oz/a	MPOT	102abc	120ab	5395ab
14	COC	1	% v/v	19.2	fl oz/a		MPOT			
14	UAN	2	% v/v	38.4	fl oz/a		MPOT			
15	Newpath	2	0.047	lb ai/a	3	fl oz/a	MPOT	100bc	126ab	5657ab
15	Phase II	1	% v/v	19.2	fl oz/a		MPOT			
15	UAN	0	% v/v	0	fl oz/a		MPOT			
16	Newpath	2	0.047	lb ai/a	3	fl oz/a	MPOT	103abc	122ab	5447ab
16	Phase II	1	% v/v	19.2	fl oz/a		MPOT			
16	UAN	2	% v/v	38.4	fl oz/a		MPOT			
17	Regiment	80	0.02	lb ai/a	0.4	oz/a	MPOT	103abc	111ab	4966ab
17	Dyne-a-pak	1	% v/v	19.2	fl oz/a		MPOT			
17	UAN	0	% v/v	0	fl oz/a		MPOT			
18	Regiment	80	0.02	lb ai/a	0.4	oz/a	MPOT	102abc	120ab	5371ab
18	Dyne-a-pak	1	% v/v	19.2	fl oz/a		MPOT			
18	UAN	2	% v/v	38.4	fl oz/a		MPOT			
19	Regiment	80	0.02	lb ai/a	0.4	oz/a	MPOT	101abc	128a	5717a
19	Kinetic	0.125	% v/v	2.4	fl oz/a		MPOT			
19	UAN	0	% v/v	0	fl oz/a		MPOT			
20	Regiment	80	0.02	lb ai/a	0.4	oz/a	MPOT	103abc	131a	5878a
20	Kinetic	0.125	% v/v	2.4	fl oz/a		MPOT			
20	UAN	2	% v/v	38.4	fl oz/a		MPOT			
21	Regiment	80	0.02	lb ai/a	0.4	oz/a	MPOT	105ab	112ab	5039ab
21	COC	1	% v/v	19.2	fl oz/a		MPOT			
21	UAN	0	% v/v	0	fl oz/a		MPOT			
22	Regiment	80	0.02	lb ai/a	0.4	oz/a	MPOT	104ab	113ab	5068ab
22	COC	1	% v/v	19.2	fl oz/a		MPOT			
22	UAN	2	% v/v	38.4	fl oz/a		MPOT			
23	Regiment	80	0.02	lb ai/a	0.4	oz/a	MPOT	104ab	132a	5906a
23	Phase II	1	% v/v	19.2	fl oz/a		MPOT			
23	UAN	0	% v/v	0	fl oz/a		MPOT			
24	Regiment	80	0.02	lb ai/a	0.4	oz/a	MPOT	100bc	126ab	5655ab
24	Phase II	1	% v/v	19.2	fl oz/a		MPOT			
24	UAN	2	% v/v	38.4	fl oz/a		MPOT			
LSD (P=.05)								6.1	26.3	1176.3
Standard Deviation								4.3	18.6	831.8
CV								4.22	15.75	15.75

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

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Department of Agronomy and Environmental Management

Efficacy of Newpath Rate and Timing in Combination with Beyond, Clearpath and Prowl H2O

Experiment number.....: **C06-30**
 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.....: 04/18/06
 Harvest date.....: N/A
 Crop/Variety: Rice/CL161
 Emergence date.....: 05/01/06
 Uniform std. treatment.....: N/A

Application type.....:	DPRE	EPOT	LPOT	PI
Date applied [mm/dd/yy] ...:	5/2/06	5/12/06	5/22/06	6/15/06
Time [hh:mm-hh:mm].....:	2:15-2:20p	11:45-11:55a	12:10-12:20p	11:50-11:55a
Incorporation equip./Depth:	N/A	N/A	N/A	N/A
Air/Soil temperature [F]	86/81	75/80	87/80	90/85
Relative humidity [%].....:	48	43	50	55
Wind [mph, direction]	0-3 S	7-10 NW	1-3 E	3-5 SW
Weather [sunny, etc]	pt cloudy	sunny	pt cloudy	pt cloudy
Soil/Leaf surface moist.....:	wet/dry	dry/dry	wet/dry	flood/dry
Crop stage/Height	spike	2-3 lf/4-6"	5 lf-2 till/4-6"	PI/18-20"
Sprayer type/MPH.....:	CO ₂ BkPk/3.0	CO ₂ BkPk/3.0	CO ₂ BkPk/3.0	CO ₂ BkPk/3.0
Nozzle type/Size	AMFF/110015	AMFF/110015	AMFF/110015	AMFF/110015
Boom ht/# Noz/Spacing ...:	18"/5/15"	18"/5/15"	18"/5/15"	18"/5/15"
GPA/PSI.....:	15/28	15/28	15/18	15/28
Applied by	Griffin	Zhang	Zhang	Bottoms

Weed Species (population):	------(height/#leaves)-----			
ORYSA(20-30 m ⁻²).....:	0.5-2"/1-2 lf	4-6"/3lf-1till	4-6"/4 lf-1 til	14-18"/PI
ECLAL (20-30 m ⁻²).....:		1-1.5"/2-4 lf	1-3"/3-8 lf	6-8"/10-15 lf
COMDI(2-4 m ⁻²)	0.5-1"/1 lf	1-2"/2-3 lf	1-2"/2-3 lf	4-5"/6-10 lf
ECHCG(50-75 m ⁻²)	0.5-1"/1-2 lf	1-3"/2-4 lf	1-3"/2-5 lf	10-12"/2-3 till
CYPES (40-50)		4-6"/3-6 lf	6-8"/6-8 lf	10-12"/7-9 lf
CYPIR (70-80)		0.5-1"/3-5 lf	1-2"/3-5 lf	4-6"/5-8 lf
LEFPA (25-30 m ⁻²).....:			0.5-1"/3-5 lf	5-6"/2-3 till

Flush Dates.....: 4/20,5/18
 Permanent Flood

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**Efficacy of Newpath Rate and Timing in Combination with Beyond, Clearpath
and Prowl H2O**

Experiment number.....: **C06-30**
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: 04/18/06
Harvest date.....: N/A
Crop/Variety: Rice/Trenasse
Emergence date.....: 05/01/06
Uniform std. treatment.....: N/A

Application type.....: PI+7d
Date applied [mm/dd/yy] ...: 6/21/06
Time [hh:mm-hh:mm].....: 11:50-11:55a
Incorporation equip./Depth: N/A
Air/Soil temperature [F]: 93/89
Relative humidity [%].....: 50
Wind [mph, direction]: 2-3 S
Weather [sunny, etc]: pt cloudy
Soil/Leaf surface moist.....: flood/dry
Crop stage/Height: PD/18"-20"
Sprayer type/MPH.....: CO₂BkPk/3.0
Nozzle type/Size: AMFF/110015
Boom ht/# Noz/Spacing ...: 18"/5/15"
GPA/PSI.....: 15/28
Applied by: Griffin

Weed Species (population):- (height/#leaves)-
LEFPA (40-50 m⁻²): 22-25"/heading
ORYSA (100-120 m⁻²): 20-24"/5-6 til
ECHCG (80-90 m⁻²): 22-25"/heading
CYPES (70-80 m⁻²): 25-30"/heading
ECLAL (40-60 m⁻²): 18-20"/30-35 lf

Flush Dates.....: 4/20,5/18
Permanent Flood: 6/1

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Efficacy of Newpath Rate and Timing in Combination with Beyond, Clearpath and Prowl H2O

Trial ID: C06-30
 Location: RRS-Crowley, LA

Pest Code	ORYSA	ORYSA	ORYSA	ORYSA	ORYSA
Rating Date	25/May/2006	8/Jun/2006	20/Jun/2006	7/Jul/2006	17/Jul/2006
Rating Data Type	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL
Rating Unit	%	%	%	%	%
Trt-Eval Interval	13daEPOT	17daLPOT	29daLPOT	22daPI	32daPI

Trt No.	Treatment Name	Form Conc	Rate	Other Rate	Other Rate	Growth Stage					
1	Nontreated					0g	0d	0c	0b	0c	
2	Newpath	2	0.0625 lb ai/a	4 fl oz/a	EPOT	90bc	91ab	85b	97a	95a	
2	Agridex	1	% v/v	19.2 fl oz/a	EPOT						
2	Newpath	2	0.0625 lb ai/a	4 fl oz/a	LPOT						
2	Agridex	1	% v/v	19.2 fl oz/a	LPOT						
3	Newpath	2	0.094 lb ai/a	6 fl oz/a	EPOT	86de	94a	88ab	98a	95a	
3	Agridex	1	% v/v	19.2 fl oz/a	EPOT						
3	Newpath	2	0.094 lb ai/a	6 fl oz/a	LPOT						
3	Agridex	1	% v/v	19.2 fl oz/a	LPOT						
4	Newpath	2	0.094 lb ai/a	6 fl oz/a	EPOT	94a	90ab	88ab	97a	94a	
4	Agridex	1	% v/v	19.2 fl oz/a	EPOT						
4	Newpath	2	0.0625 lb ai/a	4 fl oz/a	LPOT						
4	Agridex	1	% v/v	19.2 fl oz/a	LPOT						
5	Newpath	2	0.0625 lb ai/a	4 fl oz/a	EPOT	89bcd	93a	89ab	98a	95a	
5	Agridex	1	% v/v	19.2 fl oz/a	EPOT						
5	Newpath	2	0.094 lb ai/a	6 fl oz/a	LPOT						
5	Agridex	1	% v/v	19.2 fl oz/a	LPOT						
6	Newpath	2	0.094 lb ai/a	6 fl oz/a	EPOT	89bcd	91ab	89ab	97a	95a	
6	Agridex	1	% v/v	19.2 fl oz/a	EPOT						
6	Newpath	2	0.078 lb ai/a	5 fl oz/a	LPOT						
6	Agridex	1	% v/v	19.2 fl oz/a	LPOT						
7	Newpath	2	0.094 lb ai/a	6 fl oz/a	EPOT	90bc	88bc	88ab	98a	95a	
7	Agridex	1	% v/v	19.2 fl oz/a	EPOT						
7	Newpath	2	0.078 lb ai/a	5 fl oz/a	PI						
7	Agridex	1	% v/v	19.2 fl oz/a	PI						
8	Beyond	1	0.039 lb ai/a	5 fl oz/a	EPOT	90bc	85c	86ab	98a	88ab	
8	Agridex	1	% v/v	19.2 fl oz/a	EPOT						
8	Beyond	1	0.039 lb ai/a	5 fl oz/a	PI						
8	Agridex	1	% v/v	19.2 fl oz/a	PI						
9	Newpath	2	0.0625 lb ai/a	4 fl oz/a	EPOT	85e	90ab	89ab	98a	95a	
9	Agridex	1	% v/v	19.2 fl oz/a	EPOT						
9	Newpath	2	0.0625 lb ai/a	4 fl oz/a	LPOT						
9	Agridex	1	% v/v	19.2 fl oz/a	LPOT						
9	Beyond	1	0.039 lb ai/a	5 fl oz/a	PI+7d						
9	Agridex	1	% v/v	19.2 fl oz/a	PI+7d						
10	Clearpath	75	0.375 lb ai/a	8 oz/a	EPOT	90bc	91ab	89ab	98a	84b	
10	Agridex	1	% v/v	19.2 fl oz/a	EPOT						
10	Newpath	2	0.0625 lb ai/a	4 fl oz/a	LPOT						
10	Agridex	1	% v/v	19.2 fl oz/a	LPOT						

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Pest Code	ORYSA	ORYSA	ORYSA	ORYSA	ORYSA
Rating Date	25/May/2006	8/Jun/2006	20/Jun/2006	7/Jul/2006	17/Jul/2006
Rating Data Type	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL
Rating Unit	%	%	%	%	%
Trt-Eval Interval	13daEPOT	17daLPOT	29daLPOT	22daPI	32daPI

Trt No.	Treatment Name	Form Conc	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage					
11	Clearpath	75	0.375	lb ai/a	8	oz/a	EPOT	81e	93a	90a	98a	94a
11	Agridex		1	% v/v	19.2	fl oz/a	EPOT					
11	Newpath	2	0.094	lb ai/a	6	fl oz/a	LPOT					
11	Agridex		1	% v/v	19.2	fl oz/a	LPOT					
12	Newpath	2	0.0625	lb ai/a	4	fl oz/a	EPOT	91ab	90ab	90a	97a	93ab
12	Prowl H2O	3.8	1	lb ai/a	2.1	pt/a	EPOT					
12	Agridex		1	% v/v	19.2	fl oz/a	EPOT					
12	Newpath	2	0.0625	lb ai/a	4	fl oz/a	LPOT					
12	Agridex		1	% v/v	19.2	fl oz/a	LPOT					
13	Clearpath	75	0.375	lb ai/a	8	oz/a	EPOT	88cde	90ab	90a	98a	95a
13	Prowl H2O	3.8	1	lb ai/a	2.1	pt/a	EPOT					
13	Agridex		1	% v/v	19.2	fl oz/a	EPOT					
13	Newpath	2	0.094	lb ai/a	6	fl oz/a	LPOT					
13	Agridex		1	% v/v	19.2	fl oz/a	LPOT					
14	Newpath	2	0.0625	lb ai/a	4	fl oz/a	DPRE	94a	94a	90a	98a	95a
14	Prowl H2O	3.8	1	lb ai/a	2.1	pt/a	DPRE					
14	Agridex		1	% v/v	19.2	fl oz/a	DPRE					
14	Newpath	2	0.0625	lb ai/a	4	fl oz/a	LPOT					
14	Agridex		1	% v/v	19.2	fl oz/a	LPOT					
LSD (P=.05)								3.2	4.0	4.5	1.1	9.2
Standard Deviation								2.3	2.8	3.1	0.8	6.4
CV								2.76	3.35	3.81	0.87	7.45

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

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Efficacy of Newpath Rate and Timing in Combination with Beyond, Clearpath and Prowl H2O

Trial ID: C06-30
 Location: RRS-Crowley, LA

Pest Code		ECHCG									
Rating Date		25/May/2006	8/Jun/2006	20/Jun/2006	7/Jul/2006	17/Jul/2006					
Rating Data Type		CONTROL	CONTROL	CONTROL	CONTROL	CONTROL					
Rating Unit		%	%	%	%	%					
Trt-Eval Interval		13daEPOT	17daLPOT	29daLPOT	22daPI	32daPI					
Trt No.	Treatment Name	Form Conc	Rate	Other Rate	Other Rate	Growth Stage					
1	Nontreated					Of	0c	0c	0c	0c	0c
2	Newpath	2	0.0625	lb ai/a 4	fl oz/a	EPOT	90b	93a	90a	98a	94a
2	Agridex	1		% v/v 19.2	fl oz/a	EPOT					
2	Newpath	2	0.0625	lb ai/a 4	fl oz/a	LPOT					
2	Agridex	1		% v/v 19.2	fl oz/a	LPOT					
3	Newpath	2	0.094	lb ai/a 6	fl oz/a	EPOT	86cd	93a	90a	97ab	94a
3	Agridex	1		% v/v 19.2	fl oz/a	EPOT					
3	Newpath	2	0.094	lb ai/a 6	fl oz/a	LPOT					
3	Agridex	1		% v/v 19.2	fl oz/a	LPOT					
4	Newpath	2	0.094	lb ai/a 6	fl oz/a	EPOT	94a	93a	90a	97ab	94a
4	Agridex	1		% v/v 19.2	fl oz/a	EPOT					
4	Newpath	2	0.0625	lb ai/a 4	fl oz/a	LPOT					
4	Agridex	1		% v/v 19.2	fl oz/a	LPOT					
5	Newpath	2	0.0625	lb ai/a 4	fl oz/a	EPOT	89bc	93a	90a	96ab	95a
5	Agridex	1		% v/v 19.2	fl oz/a	EPOT					
5	Newpath	2	0.094	lb ai/a 6	fl oz/a	LPOT					
5	Agridex	1		% v/v 19.2	fl oz/a	LPOT					
6	Newpath	2	0.094	lb ai/a 6	fl oz/a	EPOT	89bc	93a	90a	97ab	93a
6	Agridex	1		% v/v 19.2	fl oz/a	EPOT					
6	Newpath	2	0.078	lb ai/a 5	fl oz/a	LPOT					
6	Agridex	1		% v/v 19.2	fl oz/a	LPOT					
7	Newpath	2	0.094	lb ai/a 6	fl oz/a	EPOT	91ab	93a	88b	95ab	90a
7	Agridex	1		% v/v 19.2	fl oz/a	EPOT					
7	Newpath	2	0.078	lb ai/a 5	fl oz/a	PI					
7	Agridex	1		% v/v 19.2	fl oz/a	PI					
8	Beyond	1	0.039	lb ai/a 5	fl oz/a	EPOT	90b	85b	90a	94b	64b
8	Agridex	1		% v/v 19.2	fl oz/a	EPOT					
8	Beyond	1	0.039	lb ai/a 5	fl oz/a	PI					
8	Agridex	1		% v/v 19.2	fl oz/a	PI					
9	Newpath	2	0.0625	lb ai/a 4	fl oz/a	EPOT	85d	94a	90a	98a	95a
9	Agridex	1		% v/v 19.2	fl oz/a	EPOT					
9	Newpath	2	0.0625	lb ai/a 4	fl oz/a	LPOT					
9	Agridex	1		% v/v 19.2	fl oz/a	LPOT					
9	Beyond	1	0.039	lb ai/a 5	fl oz/a	PI+7d					
9	Agridex	1		% v/v 19.2	fl oz/a	PI+7d					
10	Clearpath	75	0.375	lb ai/a 8	oz/a	EPOT	90b	93a	90a	97ab	95a
10	Agridex	1		% v/v 19.2	fl oz/a	EPOT					
10	Newpath	2	0.0625	lb ai/a 4	fl oz/a	LPOT					
10	Agridex	1		% v/v 19.2	fl oz/a	LPOT					

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Pest Code	ECHCG	ECHCG	ECHCG	ECHCG	ECHCG
Rating Date	25/May/2006	8/Jun/2006	20/Jun/2006	7/Jul/2006	17/Jul/2006
Rating Data Type	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL
Rating Unit	%	%	%	%	%
Trt-Eval Interval	13daEPOT	17daLPOT	29daLPOT	22daPI	32daPI

Trt No.	Treatment Name	Form Conc	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage					
11	Clearpath	75	0.375	lb ai/a	8	oz/a	EPOT	81e	93a	90a	98a	94a
11	Agridex		1	% v/v	19.2	fl oz/a	EPOT					
11	Newpath	2	0.094	lb ai/a	6	fl oz/a	LPOT					
11	Agridex		1	% v/v	19.2	fl oz/a	LPOT					
12	Newpath	2	0.0625	lb ai/a	4	fl oz/a	EPOT	86cd	93a	90a	98a	95a
12	Prowl H2O	3.8	1	lb ai/a	2.1	pt/a	EPOT					
12	Agridex		1	% v/v	19.2	fl oz/a	EPOT					
12	Newpath	2	0.0625	lb ai/a	4	fl oz/a	LPOT					
12	Agridex		1	% v/v	19.2	fl oz/a	LPOT					
13	Clearpath	75	0.375	lb ai/a	8	oz/a	EPOT	89bc	93a	90a	98a	95a
13	Prowl H2O	3.8	1	lb ai/a	2.1	pt/a	EPOT					
13	Agridex		1	% v/v	19.2	fl oz/a	EPOT					
13	Newpath	2	0.094	lb ai/a	6	fl oz/a	LPOT					
13	Agridex		1	% v/v	19.2	fl oz/a	LPOT					
14	Newpath	2	0.0625	lb ai/a	4	fl oz/a	DPRE	94a	95a	90a	98a	95a
14	Prowl H2O	3.8	1	lb ai/a	2.1	pt/a	DPRE					
14	Agridex		1	% v/v	19.2	fl oz/a	DPRE					
14	Newpath	2	0.0625	lb ai/a	4	fl oz/a	LPOT					
14	Agridex		1	% v/v	19.2	fl oz/a	LPOT					

LSD (P=.05)	3.3	3.8	1.9	3.5	6.9
Standard Deviation	2.3	2.7	1.3	2.4	4.8
CV	2.84	3.14	1.6	2.71	5.69

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

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Efficacy of Newpath Rate and Timing in Combination with Beyond, Clearpath and Prowl H2O

Trial ID: C06-30
 Location: RRS-Crowley, LA

Pest Code		LEFPA		LEFPA		LEFPA		LEFPA			
Rating Date		8/Jun/2006		20/Jun/2006		7/Jul/2006		17/Jul/2006			
Rating Data Type		CONTROL		CONTROL		CONTROL		CONTROL			
Rating Unit		%		%		%		%			
Trt-Eval Interval		17daLPOT		29daLPOT		22daPI		32daPI			
Trt No.	Treatment Name	Form Conc	Rate	Other Rate	Other Rate	Growth Unit	Stage				
1	Nontreated							Of	Oc	Oe	Oe
2	Newpath	2	0.0625	lb ai/a 4	fl oz/a	EPOT	83bc		80b	69d	85ab
2	Agridex	1		% v/v 19.2	fl oz/a	EPOT					
2	Newpath	2	0.0625	lb ai/a 4	fl oz/a	LPOT					
2	Agridex	1		% v/v 19.2	fl oz/a	LPOT					
3	Newpath	2	0.094	lb ai/a 6	fl oz/a	EPOT	83bc		88a	81bcd	88ab
3	Agridex	1		% v/v 19.2	fl oz/a	EPOT					
3	Newpath	2	0.094	lb ai/a 6	fl oz/a	LPOT					
3	Agridex	1		% v/v 19.2	fl oz/a	LPOT					
4	Newpath	2	0.094	lb ai/a 6	fl oz/a	EPOT	83bc		86a	78cd	86ab
4	Agridex	1		% v/v 19.2	fl oz/a	EPOT					
4	Newpath	2	0.0625	lb ai/a 4	fl oz/a	LPOT					
4	Agridex	1		% v/v 19.2	fl oz/a	LPOT					
5	Newpath	2	0.0625	lb ai/a 4	fl oz/a	EPOT	84bc		86a	78cd	78bcd
5	Agridex	1		% v/v 19.2	fl oz/a	EPOT					
5	Newpath	2	0.094	lb ai/a 6	fl oz/a	LPOT					
5	Agridex	1		% v/v 19.2	fl oz/a	LPOT					
6	Newpath	2	0.094	lb ai/a 6	fl oz/a	EPOT	83bc		85ab	74cd	88ab
6	Agridex	1		% v/v 19.2	fl oz/a	EPOT					
6	Newpath	2	0.078	lb ai/a 5	fl oz/a	LPOT					
6	Agridex	1		% v/v 19.2	fl oz/a	LPOT					
7	Newpath	2	0.094	lb ai/a 6	fl oz/a	EPOT	71d		89a	69d	69cd
7	Agridex	1		% v/v 19.2	fl oz/a	EPOT					
7	Newpath	2	0.078	lb ai/a 5	fl oz/a	PI					
7	Agridex	1		% v/v 19.2	fl oz/a	PI					
8	Beyond	1	0.039	lb ai/a 5	fl oz/a	EPOT	56e		86a	86abc	66d
8	Beyond	1	0.039	lb ai/a 5	fl oz/a	PI					
8	Agridex	1		% v/v 19.2	fl oz/a	PI					
9	Newpath	2	0.0625	lb ai/a 4	fl oz/a	EPOT	80bc		85ab	91ab	83abc
9	Agridex	1		% v/v 19.2	fl oz/a	EPOT					
9	Newpath	2	0.0625	lb ai/a 4	fl oz/a	LPOT					
9	Agridex	1		% v/v 19.2	fl oz/a	LPOT					
9	Beyond	1	0.039	lb ai/a 5	fl oz/a	PI+7d					
9	Agridex	1		% v/v 19.2	fl oz/a	PI+7d					
10	Clearpath	75	0.375	lb ai/a 8	oz/a	EPOT	83bc		88a	74cd	76bcd
10	Agridex	1		% v/v 19.2	fl oz/a	EPOT					
10	Newpath	2	0.0625	lb ai/a 4	fl oz/a	LPOT					
10	Agridex	1		% v/v 19.2	fl oz/a	LPOT					

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Pest Code							LEFPA	LEFPA	LEFPA	LEFPA	
Rating Date							8/Jun/2006	20/Jun/2006	7/Jul/2006	17/Jul/2006	
Rating Data Type							CONTROL	CONTROL	CONTROL	CONTROL	
Rating Unit							%	%	%	%	
Trt-Eval Interval							17daLPOT	29daLPOT	22daPI	32daPI	
Trt No.	Treatment Name	Form Conc	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage				
11	Clearpath	75	0.375	lb ai/a	8	oz/a	EPOT	78cd	88a	69d	84ab
11	Agridex		1	% v/v	19.2	fl oz/a	EPOT				
11	Newpath	2	0.094	lb ai/a	6	fl oz/a	LPOT				
11	Agridex		1	% v/v	19.2	fl oz/a	LPOT				
12	Newpath	2	0.0625	lb ai/a	4	fl oz/a	EPOT	88ab	90a	92ab	94a
12	Prowl H2O	3.8	1	lb ai/a	2.1	pt/a	EPOT				
12	Agridex		1	% v/v	19.2	fl oz/a	EPOT				
12	Newpath	2	0.0625	lb ai/a	4	fl oz/a	LPOT				
12	Agridex		1	% v/v	19.2	fl oz/a	LPOT				
13	Clearpath	75	0.375	lb ai/a	8	oz/a	EPOT	84bc	89a	81bcd	89ab
13	Prowl H2O	3.8	1	lb ai/a	2.1	pt/a	EPOT				
13	Agridex		1	% v/v	19.2	fl oz/a	EPOT				
13	Newpath	2	0.094	lb ai/a	6	fl oz/a	LPOT				
13	Agridex		1	% v/v	19.2	fl oz/a	LPOT				
14	Newpath	2	0.0625	lb ai/a	4	fl oz/a	DPRE	93a	90a	98a	95a
14	Prowl H2O	3.8	1	lb ai/a	2.1	pt/a	DPRE				
14	Agridex		1	% v/v	19.2	fl oz/a	DPRE				
14	Newpath	2	0.0625	lb ai/a	4	fl oz/a	LPOT				
14	Agridex		1	% v/v	19.2	fl oz/a	LPOT				
LSD (P=.05)								8.4	6.1	12.9	14.2
Standard Deviation								5.9	4.3	9.1	9.9
CV								7.86	5.33	12.23	12.88

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

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Department of Agronomy and Environmental Management

Efficacy of Newpath Rate and Timing in Combination with Beyond, Clearpath and Prowl H2O

Trial ID: C06-30
 Location: RRS-Crowley, LA

Pest Code	ECLAL	ECLAL	ECLAL	ECLAL	ECLAL
Rating Date	25/May/2006	8/Jun/2006	20/Jun/2006	7/Jul/2006	17/Jul/2006
Rating Data Type	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL
Rating Unit	%	%	%	%	%
Trt-Eval Interval	13daEPOT	17daLPOT	29daLPOT	22daPI	32daPI

Trt No.	Treatment Name	Form Conc	Rate	Other Rate	Other Rate	Growth Stage	0i	0f	0c	0f	0e
1	Nontreated										
2	Newpath	2	0.0625 lb ai/a	4 fl oz/a	EPOT	18h		69ab	78b	60cd	91a
2	Agridex	1	% v/v	19.2 fl oz/a	EPOT						
2	Newpath	2	0.0625 lb ai/a	4 fl oz/a	LPOT						
2	Agridex	1	% v/v	19.2 fl oz/a	LPOT						
3	Newpath	2	0.094 lb ai/a	6 fl oz/a	EPOT	28g		49cde	85ab	50de	53cd
3	Agridex	1	% v/v	19.2 fl oz/a	EPOT						
3	Newpath	2	0.094 lb ai/a	6 fl oz/a	LPOT						
3	Agridex	1	% v/v	19.2 fl oz/a	LPOT						
4	Newpath	2	0.094 lb ai/a	6 fl oz/a	EPOT	48de		58bcd	83ab	54cde	53cd
4	Agridex	1	% v/v	19.2 fl oz/a	EPOT						
4	Newpath	2	0.0625 lb ai/a	4 fl oz/a	LPOT						
4	Agridex	1	% v/v	19.2 fl oz/a	LPOT						
5	Newpath	2	0.0625 lb ai/a	4 fl oz/a	EPOT	53cd		61bc	85ab	71bc	60cd
5	Agridex	1	% v/v	19.2 fl oz/a	EPOT						
5	Newpath	2	0.094 lb ai/a	6 fl oz/a	LPOT						
5	Agridex	1	% v/v	19.2 fl oz/a	LPOT						
6	Newpath	2	0.094 lb ai/a	6 fl oz/a	EPOT	40ef		43de	86a	55cde	45d
6	Agridex	1	% v/v	19.2 fl oz/a	EPOT						
6	Newpath	2	0.078 lb ai/a	5 fl oz/a	LPOT						
6	Agridex	1	% v/v	19.2 fl oz/a	LPOT						
7	Newpath	2	0.094 lb ai/a	6 fl oz/a	EPOT	50cd		35e	86a	50de	0e
7	Agridex	1	% v/v	19.2 fl oz/a	EPOT						
7	Newpath	2	0.078 lb ai/a	5 fl oz/a	PI						
7	Agridex	1	% v/v	19.2 fl oz/a	PI						
8	Beyond	1	0.039 lb ai/a	5 fl oz/a	EPOT	45de		43de	89a	38e	0e
8	Agridex	1	% v/v	19.2 fl oz/a	EPOT						
8	Beyond	1	0.039 lb ai/a	5 fl oz/a	PI						
8	Agridex	1	% v/v	19.2 fl oz/a	PI						
9	Newpath	2	0.0625 lb ai/a	4 fl oz/a	EPOT	45de		50cde	83ab	58cd	68bc
9	Agridex	1	% v/v	19.2 fl oz/a	EPOT						
9	Newpath	2	0.0625 lb ai/a	4 fl oz/a	LPOT						
9	Agridex	1	% v/v	19.2 fl oz/a	LPOT						
9	Beyond	1	0.039 lb ai/a	5 fl oz/a	PI+7d						
9	Agridex	1	% v/v	19.2 fl oz/a	PI+7d						
10	Clearpath	75	0.375 lb ai/a	8 oz/a	EPOT	68b		83a	90a	93a	85a
10	Agridex	1	% v/v	19.2 fl oz/a	EPOT						
10	Newpath	2	0.0625 lb ai/a	4 fl oz/a	LPOT						
10	Agridex	1	% v/v	19.2 fl oz/a	LPOT						

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Pest Code	ECLAL	ECLAL	ECLAL	ECLAL	ECLAL
Rating Date	25/May/2006	8/Jun/2006	20/Jun/2006	7/Jul/2006	17/Jul/2006
Rating Data Type	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL
Rating Unit	%	%	%	%	%
Trt-Eval Interval	13daEPOT	17daLPOT	29daLPOT	22daPI	32daPI

Trt No.	Treatment Name	Form Conc	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage					
11	Clearpath	75	0.375	lb ai/a	8	oz/a	EPOT	33fg	80a	88a	91a	88a
11	Agridex		1	% v/v	19.2	fl oz/a	EPOT					
11	Newpath	2	0.094	lb ai/a	6	fl oz/a	LPOT					
11	Agridex		1	% v/v	19.2	fl oz/a	LPOT					
12	Newpath	2	0.0625	lb ai/a	4	fl oz/a	EPOT	58c	55bcd	78b	48de	68bc
12	Prowl H2O	3.8	1	lb ai/a	2.1	pt/a	EPOT					
12	Agridex		1	% v/v	19.2	fl oz/a	EPOT					
12	Newpath	2	0.0625	lb ai/a	4	fl oz/a	LPOT					
12	Agridex		1	% v/v	19.2	fl oz/a	LPOT					
13	Clearpath	75	0.375	lb ai/a	8	oz/a	EPOT	40ef	70ab	88a	93a	85a
13	Prowl H2O	3.8	1	lb ai/a	2.1	pt/a	EPOT					
13	Agridex		1	% v/v	19.2	fl oz/a	EPOT					
13	Newpath	2	0.094	lb ai/a	6	fl oz/a	LPOT					
13	Agridex		1	% v/v	19.2	fl oz/a	LPOT					
14	Newpath	2	0.0625	lb ai/a	4	fl oz/a	DPRE	81a	66abc	86a	79ab	83ab
14	Prowl H2O	3.8	1	lb ai/a	2.1	pt/a	DPRE					
14	Agridex		1	% v/v	19.2	fl oz/a	DPRE					
14	Newpath	2	0.0625	lb ai/a	4	fl oz/a	LPOT					
14	Agridex		1	% v/v	19.2	fl oz/a	LPOT					
LSD (P=.05)								7.5	18.2	7.6	18.0	16.1
Standard Deviation								5.3	12.7	5.3	12.6	11.3
CV								12.21	23.46	6.78	20.99	20.36

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

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Efficacy of Newpath Rate and Timing in Combination with Beyond, Clearpath and Prowl H2O

Trial ID: C06-30
 Location: RRS-Crowley, LA

Pest Code		CYPES				
Rating Date		25/May/2006	8/Jun/2006	20/Jun/2006	7/Jul/2006	17/Jul/2006
Rating Data Type		CONTROL	CONTROL	CONTROL	CONTROL	CONTROL
Rating Unit		%	%	%	%	%
Trt-Eval Interval		13daEPOT	17daLPOT	29daLPOT	22daPI	32daPI
Trt No.	Treatment Name	Form Conc	Rate	Other Rate	Other Rate	Growth Stage
1	Nontreated					0h 0f 0c 0b 0c
2	Newpath	2	0.0625 lb ai/a	4 fl oz/a	EPOT	30g 84ab 89a 98a 94a
2	Agridex	1	% v/v	19.2 fl oz/a	EPOT	
2	Newpath	2	0.0625 lb ai/a	4 fl oz/a	LPOT	
2	Agridex	1	% v/v	19.2 fl oz/a	LPOT	
3	Newpath	2	0.094 lb ai/a	6 fl oz/a	EPOT	60cde 88ab 90a 97a 95a
3	Agridex	1	% v/v	19.2 fl oz/a	EPOT	
3	Newpath	2	0.094 lb ai/a	6 fl oz/a	LPOT	
3	Agridex	1	% v/v	19.2 fl oz/a	LPOT	
4	Newpath	2	0.094 lb ai/a	6 fl oz/a	EPOT	71b 84ab 90a 96a 95a
4	Agridex	1	% v/v	19.2 fl oz/a	EPOT	
4	Newpath	2	0.0625 lb ai/a	4 fl oz/a	LPOT	
4	Agridex	1	% v/v	19.2 fl oz/a	LPOT	
5	Newpath	2	0.0625 lb ai/a	4 fl oz/a	EPOT	70bc 86ab 90a 98a 95a
5	Agridex	1	% v/v	19.2 fl oz/a	EPOT	
5	Newpath	2	0.094 lb ai/a	6 fl oz/a	LPOT	
5	Agridex	1	% v/v	19.2 fl oz/a	LPOT	
6	Newpath	2	0.094 lb ai/a	6 fl oz/a	EPOT	58de 86ab 88a 97a 95a
6	Agridex	1	% v/v	19.2 fl oz/a	EPOT	
6	Newpath	2	0.078 lb ai/a	5 fl oz/a	LPOT	
6	Agridex	1	% v/v	19.2 fl oz/a	LPOT	
7	Newpath	2	0.094 lb ai/a	6 fl oz/a	EPOT	71b 80bcd 88a 98a 94a
7	Agridex	1	% v/v	19.2 fl oz/a	EPOT	
7	Newpath	2	0.078 lb ai/a	5 fl oz/a	PI	
7	Agridex	1	% v/v	19.2 fl oz/a	PI	
8	Beyond	1	0.039 lb ai/a	5 fl oz/a	EPOT	55ef 48e 48b 96a 45b
8	Agridex	1	% v/v	19.2 fl oz/a	EPOT	
8	Beyond	1	0.039 lb ai/a	5 fl oz/a	PI	
8	Agridex	1	% v/v	19.2 fl oz/a	PI	
9	Newpath	2	0.0625 lb ai/a	4 fl oz/a	EPOT	53ef 81abc 88a 97a 95a
9	Agridex	1	% v/v	19.2 fl oz/a	EPOT	
9	Newpath	2	0.0625 lb ai/a	4 fl oz/a	LPOT	
9	Agridex	1	% v/v	19.2 fl oz/a	LPOT	
9	Beyond	1	0.039 lb ai/a	5 fl oz/a	PI+7d	
9	Agridex	1	% v/v	19.2 fl oz/a	PI+7d	
10	Clearpath	75	0.375 lb ai/a	8 oz/a	EPOT	73b 73cd 88a 98a 95a
10	Agridex	1	% v/v	19.2 fl oz/a	EPOT	
10	Newpath	2	0.0625 lb ai/a	4 fl oz/a	LPOT	
10	Agridex	1	% v/v	19.2 fl oz/a	LPOT	

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Pest Code	CYPES	CYPES	CYPES	CYPES	CYPES
Rating Date	25/May/2006	8/Jun/2006	20/Jun/2006	7/Jul/2006	17/Jul/2006
Rating Data Type	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL
Rating Unit	%	%	%	%	%
Trt-Eval Interval	13daEPOT	17daLPOT	29daLPOT	22daPI	32daPI

Trt No.	Treatment Name	Form Conc	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage					
11	Clearpath	75	0.375	lb ai/a	8	oz/a	EPOT	45f	88ab	90a	97a	95a
11	Agridex		1	% v/v	19.2	fl oz/a	EPOT					
11	Newpath	2	0.094	lb ai/a	6	fl oz/a	LPOT					
11	Agridex		1	% v/v	19.2	fl oz/a	LPOT					
12	Newpath	2	0.0625	lb ai/a	4	fl oz/a	EPOT	68bcd	71d	90a	98a	95a
12	Prowl H2O	3.8	1	lb ai/a	2.1	pt/a	EPOT					
12	Agridex		1	% v/v	19.2	fl oz/a	EPOT					
12	Newpath	2	0.0625	lb ai/a	4	fl oz/a	LPOT					
12	Agridex		1	% v/v	19.2	fl oz/a	LPOT					
13	Clearpath	75	0.375	lb ai/a	8	oz/a	EPOT	45f	81abc	89a	98a	91a
13	Prowl H2O	3.8	1	lb ai/a	2.1	pt/a	EPOT					
13	Agridex		1	% v/v	19.2	fl oz/a	EPOT					
13	Newpath	2	0.094	lb ai/a	6	fl oz/a	LPOT					
13	Agridex		1	% v/v	19.2	fl oz/a	LPOT					
14	Newpath	2	0.0625	lb ai/a	4	fl oz/a	DPRE	86a	90a	88a	98a	95a
14	Prowl H2O	3.8	1	lb ai/a	2.1	pt/a	DPRE					
14	Agridex		1	% v/v	19.2	fl oz/a	DPRE					
14	Newpath	2	0.0625	lb ai/a	4	fl oz/a	LPOT					
14	Agridex		1	% v/v	19.2	fl oz/a	LPOT					

LSD (P=.05)	10.6	9.4	5.0	2.5	9.9
Standard Deviation	7.4	6.6	3.5	1.8	6.9
CV	13.29	8.85	4.42	1.94	8.19

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

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Efficacy of Newpath Rate and Timing in Combination with Beyond, Clearpath and Prowl H2O

Trial ID: C06-30
 Location: RRS-Crowley, LA

Pest Code		CYPIR									
Rating Date		25/May/2006	8/Jun/2006	20/Jun/2006	7/Jul/2006	17/Jul/2006					
Rating Data Type		CONTROL	CONTROL	CONTROL	CONTROL	CONTROL					
Rating Unit		%	%	%	%	%					
Trt-Eval Interval		13daEPOT	17daLPOT	29daLPOT	22daPI	32daPI					
Trt No.	Treatment Name	Form Conc	Rate	Other Rate	Other Rate	Growth Stage					
1	Nontreated					Of	0b	0c	0c	0c	0c
2	Newpath	2	0.0625	lb ai/a 4	fl oz/a	EPOT	25e	95a	89a	95a	94ab
2	Agridex	1		% v/v 19.2	fl oz/a	EPOT					
2	Newpath	2	0.0625	lb ai/a 4	fl oz/a	LPOT					
2	Agridex	1		% v/v 19.2	fl oz/a	LPOT					
3	Newpath	2	0.094	lb ai/a 6	fl oz/a	EPOT	75bcd	95a	90a	95a	95a
3	Agridex	1		% v/v 19.2	fl oz/a	EPOT					
3	Newpath	2	0.094	lb ai/a 6	fl oz/a	LPOT					
3	Agridex	1		% v/v 19.2	fl oz/a	LPOT					
4	Newpath	2	0.094	lb ai/a 6	fl oz/a	EPOT	80a-d	95a	90a	94a	95a
4	Agridex	1		% v/v 19.2	fl oz/a	EPOT					
4	Newpath	2	0.0625	lb ai/a 4	fl oz/a	LPOT					
4	Agridex	1		% v/v 19.2	fl oz/a	LPOT					
5	Newpath	2	0.0625	lb ai/a 4	fl oz/a	EPOT	80a-d	95a	90a	96a	95a
5	Agridex	1		% v/v 19.2	fl oz/a	EPOT					
5	Newpath	2	0.094	lb ai/a 6	fl oz/a	LPOT					
5	Agridex	1		% v/v 19.2	fl oz/a	LPOT					
6	Newpath	2	0.094	lb ai/a 6	fl oz/a	EPOT	73bcd	95a	88a	95a	95a
6	Agridex	1		% v/v 19.2	fl oz/a	EPOT					
6	Newpath	2	0.078	lb ai/a 5	fl oz/a	LPOT					
6	Agridex	1		% v/v 19.2	fl oz/a	LPOT					
7	Newpath	2	0.094	lb ai/a 6	fl oz/a	EPOT	81abc	95a	88a	97a	95a
7	Agridex	1		% v/v 19.2	fl oz/a	EPOT					
7	Newpath	2	0.078	lb ai/a 5	fl oz/a	PI					
7	Agridex	1		% v/v 19.2	fl oz/a	PI					
8	Beyond	1	0.039	lb ai/a 5	fl oz/a	EPOT	73bcd	95a	48b	81b	93b
8	Agridex	1		% v/v 19.2	fl oz/a	EPOT					
8	Beyond	1	0.039	lb ai/a 5	fl oz/a	PI					
8	Agridex	1		% v/v 19.2	fl oz/a	PI					
9	Newpath	2	0.0625	lb ai/a 4	fl oz/a	EPOT	73bcd	95a	88a	95a	95a
9	Agridex	1		% v/v 19.2	fl oz/a	EPOT					
9	Newpath	2	0.0625	lb ai/a 4	fl oz/a	LPOT					
9	Agridex	1		% v/v 19.2	fl oz/a	LPOT					
9	Beyond	1	0.039	lb ai/a 5	fl oz/a	PI+7d					
9	Agridex	1		% v/v 19.2	fl oz/a	PI+7d					
10	Clearpath	75	0.375	lb ai/a 8	oz/a	EPOT	84ab	95a	88a	97a	95a
10	Agridex	1		% v/v 19.2	fl oz/a	EPOT					
10	Newpath	2	0.0625	lb ai/a 4	fl oz/a	LPOT					
10	Agridex	1		% v/v 19.2	fl oz/a	LPOT					

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Pest Code	CYPIR	CYPIR	CYPIR	CYPIR	CYPIR
Rating Date	25/May/2006	8/Jun/2006	20/Jun/2006	7/Jul/2006	17/Jul/2006
Rating Data Type	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL
Rating Unit	%	%	%	%	%
Trt-Eval Interval	13daEPOT	17daLPOT	29daLPOT	22daPI	32daPI

Trt No.	Treatment Name	Form Conc	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage					
11	Clearpath	75	0.375	lb ai/a	8	oz/a	EPOT	70cd	95a	90a	97a	95a
11	Agridex		1	% v/v	19.2	fl oz/a	EPOT					
11	Newpath	2	0.094	lb ai/a	6	fl oz/a	LPOT					
11	Agridex		1	% v/v	19.2	fl oz/a	LPOT					
12	Newpath	2	0.0625	lb ai/a	4	fl oz/a	EPOT	83abc	95a	90a	93a	95a
12	Prowl H2O	3.8	1	lb ai/a	2.1	pt/a	EPOT					
12	Agridex		1	% v/v	19.2	fl oz/a	EPOT					
12	Newpath	2	0.0625	lb ai/a	4	fl oz/a	LPOT					
12	Agridex		1	% v/v	19.2	fl oz/a	LPOT					
13	Clearpath	75	0.375	lb ai/a	8	oz/a	EPOT	68d	95a	89a	92a	95a
13	Prowl H2O	3.8	1	lb ai/a	2.1	pt/a	EPOT					
13	Agridex		1	% v/v	19.2	fl oz/a	EPOT					
13	Newpath	2	0.094	lb ai/a	6	fl oz/a	LPOT					
13	Agridex		1	% v/v	19.2	fl oz/a	LPOT					
14	Newpath	2	0.0625	lb ai/a	4	fl oz/a	DPRE	90a	95a	86a	97a	95a
14	Prowl H2O	3.8	1	lb ai/a	2.1	pt/a	DPRE					
14	Agridex		1	% v/v	19.2	fl oz/a	DPRE					
14	Newpath	2	0.0625	lb ai/a	4	fl oz/a	LPOT					
14	Agridex		1	% v/v	19.2	fl oz/a	LPOT					
LSD (P=.05)								13.4	0.0	5.0	7.5	1.5
Standard Deviation								9.4	0.0	3.5	5.2	1.0
CV								13.75	0.0	4.39	5.99	1.19

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

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Department of Agronomy and Environmental Management

Efficacy of Newpath Rate and Timing in Combination with Beyond, Clearpath and Prowl H2O

Trial ID: C06-30
 Location: RRS-Crowley, LA

Pest Code	RICE	RICE	RICE	RICE	RICE
Rating Date	25/May/2006	8/Jun/2006	20/Jun/2006	7/Jul/2006	17/Jul/2006
Rating Data Type	INJURY	INJURY	INJURY	INJURY	INJURY
Rating Unit	%	%	%	%	%
Trt-Eval Interval	13daEPOT	17daLPOT	29daLPOT	22daPI	32daPI

Trt No.	Treatment Name	Form Conc	Rate	Other Rate	Other Rate	Growth Stage					
1	Nontreated						0a	0a	0a	0a	0a
2	Newpath	2	0.0625	lb ai/a 4	fl oz/a	EPOT	0a	0a	0a	0a	0a
2	Agridex	1		% v/v 19.2	fl oz/a	EPOT					
2	Newpath	2	0.0625	lb ai/a 4	fl oz/a	LPOT					
2	Agridex	1		% v/v 19.2	fl oz/a	LPOT					
3	Newpath	2	0.094	lb ai/a 6	fl oz/a	EPOT	0a	0a	0a	0a	0a
3	Agridex	1		% v/v 19.2	fl oz/a	EPOT					
3	Newpath	2	0.094	lb ai/a 6	fl oz/a	LPOT					
3	Agridex	1		% v/v 19.2	fl oz/a	LPOT					
4	Newpath	2	0.094	lb ai/a 6	fl oz/a	EPOT	0a	0a	0a	0a	0a
4	Agridex	1		% v/v 19.2	fl oz/a	EPOT					
4	Newpath	2	0.0625	lb ai/a 4	fl oz/a	LPOT					
4	Agridex	1		% v/v 19.2	fl oz/a	LPOT					
5	Newpath	2	0.0625	lb ai/a 4	fl oz/a	EPOT	0a	0a	0a	0a	0a
5	Agridex	1		% v/v 19.2	fl oz/a	EPOT					
5	Newpath	2	0.094	lb ai/a 6	fl oz/a	LPOT					
5	Agridex	1		% v/v 19.2	fl oz/a	LPOT					
6	Newpath	2	0.094	lb ai/a 6	fl oz/a	EPOT	0a	0a	0a	0a	0a
6	Agridex	1		% v/v 19.2	fl oz/a	EPOT					
6	Newpath	2	0.078	lb ai/a 5	fl oz/a	LPOT					
6	Agridex	1		% v/v 19.2	fl oz/a	LPOT					
7	Newpath	2	0.094	lb ai/a 6	fl oz/a	EPOT	0a	0a	0a	0a	0a
7	Agridex	1		% v/v 19.2	fl oz/a	EPOT					
7	Newpath	2	0.078	lb ai/a 5	fl oz/a	PI					
7	Agridex	1		% v/v 19.2	fl oz/a	PI					
8	Beyond	1	0.039	lb ai/a 5	fl oz/a	EPOT	0a	0a	0a	0a	0a
8	Agridex	1		% v/v 19.2	fl oz/a	EPOT					
8	Beyond	1	0.039	lb ai/a 5	fl oz/a	PI					
8	Agridex	1		% v/v 19.2	fl oz/a	PI					
9	Newpath	2	0.0625	lb ai/a 4	fl oz/a	EPOT	0a	0a	0a	0a	0a
9	Agridex	1		% v/v 19.2	fl oz/a	EPOT					
9	Newpath	2	0.0625	lb ai/a 4	fl oz/a	LPOT					
9	Agridex	1		% v/v 19.2	fl oz/a	LPOT					
9	Beyond	1	0.039	lb ai/a 5	fl oz/a	PI+7d					
9	Agridex	1		% v/v 19.2	fl oz/a	PI+7d					
10	Clearpath	75	0.375	lb ai/a 8	oz/a	EPOT	0a	0a	0a	0a	0a
10	Agridex	1		% v/v 19.2	fl oz/a	EPOT					
10	Newpath	2	0.0625	lb ai/a 4	fl oz/a	LPOT					
10	Agridex	1		% v/v 19.2	fl oz/a	LPOT					

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Pest Code	RICE	RICE	RICE	RICE	RICE
Rating Date	25/May/2006	8/Jun/2006	20/Jun/2006	7/Jul/2006	17/Jul/2006
Rating Data Type	INJURY	INJURY	INJURY	INJURY	INJURY
Rating Unit	%	%	%	%	%
Trt-Eval Interval	13daEPOT	17daLPOT	29daLPOT	22daPI	32daPI

Trt No.	Treatment Name	Form Conc	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage					
11	Clearpath	75	0.375	lb ai/a	8	oz/a	EPOT	0a	0a	0a	0a	0a
11	Agridex		1	% v/v	19.2	fl oz/a	EPOT					
11	Newpath	2	0.094	lb ai/a	6	fl oz/a	LPOT					
11	Agridex		1	% v/v	19.2	fl oz/a	LPOT					
12	Newpath	2	0.0625	lb ai/a	4	fl oz/a	EPOT	0a	0a	0a	0a	0a
12	Prowl H2O	3.8	1	lb ai/a	2.1	pt/a	EPOT					
12	Agridex		1	% v/v	19.2	fl oz/a	EPOT					
12	Newpath	2	0.0625	lb ai/a	4	fl oz/a	LPOT					
12	Agridex		1	% v/v	19.2	fl oz/a	LPOT					
13	Clearpath	75	0.375	lb ai/a	8	oz/a	EPOT	0a	0a	0a	0a	0a
13	Prowl H2O	3.8	1	lb ai/a	2.1	pt/a	EPOT					
13	Agridex		1	% v/v	19.2	fl oz/a	EPOT					
13	Newpath	2	0.094	lb ai/a	6	fl oz/a	LPOT					
13	Agridex		1	% v/v	19.2	fl oz/a	LPOT					
14	Newpath	2	0.0625	lb ai/a	4	fl oz/a	DPRE	0a	0a	0a	0a	0a
14	Prowl H2O	3.8	1	lb ai/a	2.1	pt/a	DPRE					
14	Agridex		1	% v/v	19.2	fl oz/a	DPRE					
14	Newpath	2	0.0625	lb ai/a	4	fl oz/a	LPOT					
14	Agridex		1	% v/v	19.2	fl oz/a	LPOT					

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

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

LSU AgCenter

Department of Agronomy and Environmental Management

Grasp Application and Flood Timing on Water-seeded Rice

Experiment number.....: **C06-32**
 Location: RRS-Crowley, LA
 Experimental design.....: RCB
 Number of reps: 4
 Plot size: 5'x17'
 Row width/# per plot.....: 7.5"/8
 Soil type: Crowley silt loam (3% sand, 69% silt, 28% clay)
 % OM: 1.4
 pH: 6.4
 CEC: 19.1
 Planting date: 04/04/06
 Harvest date.....: 08/09/06
 Crop/Variety: Rice/Trenasse
 Emergence date.....: 04/14/06
 Uniform std. treatment.....: N/A

Application type.....: 1 LF	2-3 LF
Date applied [mm/dd/yy] ...: 5/2/06	5/9/06
Time [hh:mm-hh:mm].....: 1:15-1:30p	7:30-7:50a
Incorporation equip./Depth: N/A	N/A
Air/Soil temperature [F]: 84-80	78/76
Relative humidity [%].....: 38	78
Wind [mph, direction]: 3-5 S	6-8 S
Weather [sunny, etc]: pt cloudy	sunny
Soil/Leaf surface moist.....: wet/dry	wet/wet
Crop stage/Height: 1-3 lf/1-4"	2-5 lf/2-6"
Sprayer type/MPH.....: CO ₂ BkPk/3.0	CO ₂ BkPk/3.0
Nozzle type/Size: AMFF/110015	AMFF/110015
Boom ht/# Noz/Spacing ...: 18"/5/15"	18"/5/15"
GPA/PSI.....: 15/28	15/18
Applied by: Zhang	Webster

Flush Dates.....: 4/5, 4/20
 Permanent Flood: 5/15

LSU AgCenter

Department of Agronomy and Environmental Management

Grasp Application and Flood Timing on Water-seeded Rice

Trial ID: C06-32
 Location: RRS-Crowley

Pest Code		RICE		RICE		RICE		RICE		
Rating Date		25/May/2006		5/Jun/2006		19/Jun/2006		8/Aug/2006		
Rating Data Type		INJURY		INJURY		HEADING		Avg Height		
Rating Unit		%		%		%		cm		
Trt-Eval Interval		16da2-3L		27da2-3L		42da2-3L				
Trt No.	Treatment Name	Form Conc	Rate	Other Unit	Other Rate	Other Unit	Growth Stage			
1	Grasp (Fld 1dA)	2	0.0313	lb ai/a	2	fl oz/a	1 lf rice	0c		25a
1	Agridex		2.5	% v/v	48	fl oz/a	1 lf rice			
2	Grasp	2	0.0625	lb ai/a	4	fl oz/a	1 lf rice	0c		19b
2	Agridex		2.5	% v/v	48	fl oz/a	1 lf rice			
3	Facet	75	0.225	lb ai/a	0.3	lb/a	1 lf rice	0c		25a
3	Londax	60	0.0375	lb ai/a	1	oz/a	1 lf rice			
3	Agridex		1.25	% v/v	24	fl oz/a	1 lf rice			
4	Nontreated						1 lf rice	0c		25a
4	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	1 lf rice			
4	Agridex		2.5	% v/v	48	fl oz/a	1 lf rice			
5	Grasp (Fld 3 dA)	2	0.0313	lb ai/a	2	fl oz/a	1 lf rice	0c		13cd
5	Agridex		2.5	% v/v	48	fl oz/a	1 lf rice			78ab
6	Grasp	2	0.0625	lb ai/a	4	fl oz/a	1 lf rice	0c		19b
6	Agridex		2.5	% v/v	48	fl oz/a	1 lf rice			80ab
7	Facet	75	0.225	lb ai/a	0.3	lb/a	1 lf rice	0c	4ab	5ef
7	Londax	60	0.0375	lb ai/a	1	oz/a	1 lf rice			78ab
7	Agridex		1.25	% v/v	24	fl oz/a	1 lf rice			
8	Nontreated						1 lf rice	0c		16bc
8	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	1 lf rice			74b
8	Agridex		2.5	% v/v	48	fl oz/a	1 lf rice			
9	Facet	75	0.225	lb ai/a	0.3	lb/a	2-3 lf rice	4ab	5ab	4ef
9	Londax	60	0.0375	lb ai/a	1	oz/a	2-3 lf rice			80ab
9	Agridex		1.25	% v/v	24	fl oz/a	2-3 lf rice			
10	Grasp	2	0.0625	lb ai/a	4	fl oz/a	2-3 lf rice	0c		5ef
10	Agridex		2.5	% v/v	48	fl oz/a	2-3 lf rice			80ab
11	Grasp (fld 1 dA)	2	0.0313	lb ai/a	2	fl oz/a	2-3 lf rice	3bc	6a	3f
11	Agridex		2.5	% v/v	48	fl oz/a	2-3 lf rice			82a
12	Nontreated						2-3 lf rice	0c		9de
12	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	2-3 lf rice			77ab
12	Agridex		2.5	% v/v	48	fl oz/a	2-3 lf rice			
13	Facet	75	0.225	lb ai/a	0.3	lb/a	2-3 lf rice	0c		4ef
13	Londax	60	0.0375	lb ai/a	1	oz/a	2-3 lf rice			82a
13	Agridex		1.25	% v/v	24	fl oz/a	2-3 lf rice			
14	Grasp	2	0.0625	lb ai/a	4	fl oz/a	2-3 lf rice	5ab	5ab	4ef
14	Agridex		2.5	% v/v	48	fl oz/a	2-3 lf rice			80ab
15	Grasp (fld 3dA)	2	0.0313	lb ai/a	2	fl oz/a	2-3 lf rice	0c		4ef
15	Agridex		2.5	% v/v	48	fl oz/a	2-3 lf rice			81a

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Department of Agronomy and Environmental Management

Pest Code	RICE	RICE	RICE	RICE
Rating Date	25/May/2006	5/Jun/2006	19/Jun/2006	8/Aug/2006
Rating Data Type	INJURY	INJURY	HEADING	Avg Height
Rating Unit	%	%	%	cm
Trt-Eval Interval	16da2-3L	27da2-3L	42da2-3L	

Trt No.	Treatment Name	Form Conc	Rate Rate	Unit Unit	Other Rate	Other Rate	Unit Unit	Growth Stage	RICE 25/May/2006	RICE 5/Jun/2006	RICE 19/Jun/2006	RICE 8/Aug/2006
16	Nontreated							2-3 lf rice	0c	0c	5ef	79ab
16	Clincher	2.38	0.28	lb ai/a	15	fl oz/a		2-3 lf rice				
16	Agridex		2.5	% v/v	48	fl oz/a		2-3 lf rice				
17	Facet	75	0.225	lb ai/a	0.3	lb/a		2-3 lf rice	0c	0c	3ef	80ab
17	Londax	60	0.0375	lb ai/a	1	oz/a		2-3 lf rice				
17	Agridex		1.25	% v/v	24	fl oz/a		2-3 lf rice				
18	Grasp	2	0.0625	lb ai/a	4	fl oz/a		2-3 lf rice	5ab	3bc	3ef	80ab
18	Agridex		2.5	% v/v	48	fl oz/a		2-3 lf rice				
19	Grasp (Shallow fld)	2	0.0313	lb ai/a	2	fl oz/a		2-3 lf rice	0c	0c	4ef	80ab
19	Agridex		2.5	% v/v	48	fl oz/a		2-3 lf rice				
20	Nontreated							2-3 lf rice	6a	0c	1f	77ab
20	Clincher	2.38	0.28	lb ai/a	15	fl oz/a		2-3 lf rice				
20	Agridex		2.5	% v/v	48	fl oz/a		2-3 lf rice				
LSD (P=.05)									2.7	3.2	6.1	6.8
Standard Deviation									1.9	2.3	4.3	4.8
CV									167.02	200.93	44.67	6.01

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

LSU AgCenter

Department of Agronomy and Environmental Management

Pest Code						RICE		RICE	
Rating Date						8/Aug/2006		8/Aug/2006	
Rating Data Type						YIELD		YIELD	
Rating Unit						Bu/A		lb/A	
Trt No.	Treatment Name	Form Conc	Rate Rate	Unit Unit	Other Rate	Other Rate	Growth Unit	Stage	
1	Grasp (Fld 1dA)	2	0.0313	lb ai/a	2	fl oz/a	1 lf rice	135a	6081a
1	Agridex		2.5	% v/v	48	fl oz/a	1 lf rice		
2	Grasp	2	0.0625	lb ai/a	4	fl oz/a	1 lf rice	105a-d	4706a-d
2	Agridex		2.5	% v/v	48	fl oz/a	1 lf rice		
3	Facet	75	0.225	lb ai/a	0.3	lb/a	1 lf rice	119abc	5367abc
3	Londax	60	0.0375	lb ai/a	1	oz/a	1 lf rice		
3	Agridex		1.25	% v/v	24	fl oz/a	1 lf rice		
4	Nontreated						1 lf rice	128ab	5764ab
4	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	1 lf rice		
4	Agridex		2.5	% v/v	48	fl oz/a	1 lf rice		
5	Grasp (Fld 3 dA)	2	0.0313	lb ai/a	2	fl oz/a	1 lf rice	74de	3312de
5	Agridex		2.5	% v/v	48	fl oz/a	1 lf rice		
6	Grasp	2	0.0625	lb ai/a	4	fl oz/a	1 lf rice	90cde	4071cde
6	Agridex		2.5	% v/v	48	fl oz/a	1 lf rice		
7	Facet	75	0.225	lb ai/a	0.3	lb/a	1 lf rice	77de	3446de
7	Londax	60	0.0375	lb ai/a	1	oz/a	1 lf rice		
7	Agridex		1.25	% v/v	24	fl oz/a	1 lf rice		
8	Nontreated						1 lf rice	72de	3223de
8	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	1 lf rice		
8	Agridex		2.5	% v/v	48	fl oz/a	1 lf rice		
9	Facet	75	0.225	lb ai/a	0.3	lb/a	2-3 lf rice	94cde	4230cde
9	Londax	60	0.0375	lb ai/a	1	oz/a	2-3 lf rice		
9	Agridex		1.25	% v/v	24	fl oz/a	2-3 lf rice		
10	Grasp	2	0.0625	lb ai/a	4	fl oz/a	2-3 lf rice	90cde	4037cde
10	Agridex		2.5	% v/v	48	fl oz/a	2-3 lf rice		
11	Grasp (fld 1 dA)	2	0.0313	lb ai/a	2	fl oz/a	2-3 lf rice	99b-e	4465b-e
11	Agridex		2.5	% v/v	48	fl oz/a	2-3 lf rice		
12	Nontreated						2-3 lf rice	79de	3562de
12	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	2-3 lf rice		
12	Agridex		2.5	% v/v	48	fl oz/a	2-3 lf rice		
13	Facet	75	0.225	lb ai/a	0.3	lb/a	2-3 lf rice	97b-e	4381b-e
13	Londax	60	0.0375	lb ai/a	1	oz/a	2-3 lf rice		
13	Agridex		1.25	% v/v	24	fl oz/a	2-3 lf rice		
14	Grasp	2	0.0625	lb ai/a	4	fl oz/a	2-3 lf rice	86cde	3890cde
14	Agridex		2.5	% v/v	48	fl oz/a	2-3 lf rice		
15	Grasp (fld 3dA)	2	0.0313	lb ai/a	2	fl oz/a	2-3 lf rice	89cde	4005cde
15	Agridex		2.5	% v/v	48	fl oz/a	2-3 lf rice		
16	Nontreated						2-3 lf rice	82de	3677de
16	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	2-3 lf rice		
16	Agridex		2.5	% v/v	48	fl oz/a	2-3 lf rice		

LSU AgCenter

Department of Agronomy and Environmental Management

Pest Code	RICE	RICE
Rating Date	8/Aug/2006	8/Aug/2006
Rating Data Type	YIELD	YIELD
Rating Unit	Bu/A	lb/A

Trt No.	Treatment Name	Form Conc	Rate Rate	Unit Unit	Other Rate	Other Rate	Unit Unit	Growth Stage		
17	Facet	75	0.225	lb ai/a	0.3	lb/a		2-3 lf rice	70e	3167e
17	Londax	60	0.0375	lb ai/a	1	oz/a		2-3 lf rice		
17	AgriDex		1.25	% v/v	24	fl oz/a		2-3 lf rice		
18	Grasp	2	0.0625	lb ai/a	4	fl oz/a		2-3 lf rice	74de	3348de
18	AgriDex		2.5	% v/v	48	fl oz/a		2-3 lf rice		
19	Grasp (Shallow fld)	2	0.0313	lb ai/a	2	fl oz/a		2-3 lf rice	89cde	4003cde
19	AgriDex		2.5	% v/v	48	fl oz/a		2-3 lf rice		
20	Nontreated							2-3 lf rice	90cde	4028cde
20	Clincher	2.38	0.28	lb ai/a	15	fl oz/a		2-3 lf rice		
20	AgriDex		2.5	% v/v	48	fl oz/a		2-3 lf rice		
LSD (P=.05)									33.0	1485.0
Standard Deviation									23.3	1050.1
CV									25.38	25.38

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

LSU AgCenter

Department of Agronomy and Environmental Management

Grasp for Creeping River Grass Control in Water-seeded Rice

Experiment number.....: **C06-33**
 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: 04/19/06
 Harvest date.....: 08/25/06
 Crop/Variety: Rice/CL 131
 Emergence date.....: 05/02/06
 Uniform std. treatment.....: N/A

Application type.....: 2-3 LF	3-5 LF
Date applied [mm/dd/yy] ...: 5/29/06	6/12/06
Time [hh:mm-hh:mm].....: 10:25-10:30a	10:45-10:50a
Incorporation equip./Depth: N/A	N/A
Air/Soil temperature [F]: 80/80	87/86
Relative humidity [%].....: 77	50
Wind [mph, direction]: 2-3 W	2-5 N
Weather [sunny, etc]: cloudy	sunny
Soil/Leaf surface moist.....: wet/dry	dry/dry
Crop stage/Height: 7-9"/5 lf-1 till	9-10"/5 lf
Sprayer type/MPH.....: CO ₂ BkPk/3.0	CO ₂ BkPk/3.0
Nozzle type/Size: AMFF/110015	AMFF/110015
Boom ht/# Noz/Spacing ...: 18"/5/15"	18"/5/15"
GPA/PSI.....: 15/20	15/20
Applied by: Zhang	Zhang

Weed Species (population) :------(height/#leaves)-----	
ECHPO (8 m ⁻²).....: 3-9"/3-6 lf	12-15"/30-50 lf
BRAPP (30-50 m ⁻²): 2-4"/2 lf-2 till	8-10"/1-4 till
ECHCG (25-50 m ⁻²): 2-4"/2 lf-2 till	7-9"/5 lf-1 till

Flush Dates.....: 4/19, 5/10, 5/25
 Permanent Flood: 6/9

LSU AgCenter

Department of Agronomy and Environmental Management

Grasp for Creeping River Grass Control in Water-seeded Rice

Trial ID: C06-33
 Location: RRS-Crowley

Pest Code	ECHPO	ECHPO	ECHPO
Rating Date	12/Jun/2006	22/Jun/2006	7/Jul/2006
Rating Data Type	CONTROL	CONTROL	CONTROL
Rating Unit	%	%	%
Trt-Eval Interval	14DA2-3L	10DA3-5L	25DA3-5L

Trt No.	Treatment Name	Form Conc	Rate	Other Rate	Other Rate	Growth Stage				
1	Grasp	2	0.036	lb ai/a	2.3	fl oz/a	2-3 lf rice	73a	75a	55abc
1	Agridex		2.5	% v/v	48	fl oz/a	2-3 lf rice			
2	Grasp	2	0.0438	lb ai/a	2.8	fl oz/a	2-3 lf rice	63ab	55b	63ab
2	Agridex		2.5	% v/v	48	fl oz/a	2-3 lf rice			
3	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	2-3 lf rice	61ab	56b	50abc
3	Agridex		2.5	% v/v	48	fl oz/a	2-3 lf rice			
4	Grasp	2	0.036	lb ai/a	2.3	fl oz/a	2-3 lf rice	79a	75a	73a
4	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	2-3 lf rice			
4	Agridex		2.5	% v/v	48	fl oz/a	2-3 lf rice			
5	Grasp	2	0.0438	lb ai/a	2.8	fl oz/a	2-3 lf rice	74a	71a	58abc
5	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	2-3 lf rice			
5	Agridex		2.5	% v/v	48	fl oz/a	2-3 lf rice			
6	Grasp	2	0.036	lb ai/a	2.3	fl oz/a	2-3 lf rice	25c	23d	38c
6	Agridex		2.5	% v/v	48	fl oz/a	2-3 lf rice			
6	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	3-5 lf rice			
6	Agridex		2.5	% v/v	48	fl oz/a	3-5 lf rice			
7	Grasp	2	0.0438	lb ai/a	2.8	fl oz/a	2-3 lf rice	60ab	53b	50abc
7	Agridex		2.5	% v/v	48	fl oz/a	2-3 lf rice			
7	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	3-5 lf rice			
7	Agridex		2.5	% v/v	48	fl oz/a	3-5 lf rice			
8	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	2-3 lf rice	50b	48bc	50abc
8	Agridex		2.5	% v/v	48	fl oz/a	2-3 lf rice			
8	Grasp	2	0.036	lb ai/a	2.3	fl oz/a	3-5 lf rice			
8	Agridex		2.5	% v/v	48	fl oz/a	3-5 lf rice			
9	Regiment	80	0.026	lb ai/a	0.52	oz/a	2-3 lf rice	48b	38c	40bc
9	Dyne-a-pak	1		% v/v	19.2	fl oz/a	2-3 lf rice			
10	Nontreated							0d	0e	0d
LSD (P=.05)								21.3	13.2	22.8
Standard Deviation								14.7	9.1	15.7
CV								27.67	18.51	33.04

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

LSU AgCenter

Department of Agronomy and Environmental Management

Grasp for Creeping River Grass Control in Water-seeded Rice

Trial ID: C06-33
Location: RRS-Crowley

Pest Code	ECHCG	ECHCG	ECHCG
Rating Date	12/Jun/2006	22/Jun/2006	7/Jul/2006
Rating Data Type	CONTROL	CONTROL	CONTROL
Rating Unit	%	%	%
Trt-Eval Interval	14DA2-3L	10DA3-5L	25DA3-5L

Trt No.	Treatment Name	Form Conc	Rate	Other Rate	Other Rate	Growth Stage				
1	Grasp	2	0.036	lb ai/a	2.3	fl oz/a	2-3 lf rice	90a	83a	70a
1	Agridex		2.5	% v/v	48	fl oz/a	2-3 lf rice			
2	Grasp	2	0.0438	lb ai/a	2.8	fl oz/a	2-3 lf rice	84a	86a	80a
2	Agridex		2.5	% v/v	48	fl oz/a	2-3 lf rice			
3	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	2-3 lf rice	81a	75b	71a
3	Agridex		2.5	% v/v	48	fl oz/a	2-3 lf rice			
4	Grasp	2	0.036	lb ai/a	2.3	fl oz/a	2-3 lf rice	90a	83a	86a
4	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	2-3 lf rice			
4	Agridex		2.5	% v/v	48	fl oz/a	2-3 lf rice			
5	Grasp	2	0.0438	lb ai/a	2.8	fl oz/a	2-3 lf rice	83a	74b	81a
5	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	2-3 lf rice			
5	Agridex		2.5	% v/v	48	fl oz/a	2-3 lf rice			
6	Grasp	2	0.036	lb ai/a	2.3	fl oz/a	2-3 lf rice	60b	59d	65a
6	Agridex		2.5	% v/v	48	fl oz/a	2-3 lf rice			
6	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	3-5 lf rice			
6	Agridex		2.5	% v/v	48	fl oz/a	3-5 lf rice			
7	Grasp	2	0.0438	lb ai/a	2.8	fl oz/a	2-3 lf rice	89a	86a	83a
7	Agridex		2.5	% v/v	48	fl oz/a	2-3 lf rice			
7	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	3-5 lf rice			
7	Agridex		2.5	% v/v	48	fl oz/a	3-5 lf rice			
8	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	2-3 lf rice	63b	64cd	65a
8	Agridex		2.5	% v/v	48	fl oz/a	2-3 lf rice			
8	Grasp	2	0.036	lb ai/a	2.3	fl oz/a	3-5 lf rice			
8	Agridex		2.5	% v/v	48	fl oz/a	3-5 lf rice			
9	Regiment	80	0.026	lb ai/a	0.52	oz/a	2-3 lf rice	65b	70bc	68a
9	Dyne-a-pak	1		% v/v	19.2	fl oz/a	2-3 lf rice			
10	Nontreated							0c	0e	0b
LSD (P=.05)								13.0	7.1	24.0
Standard Deviation								8.9	4.9	16.5
CV								12.71	7.21	24.76

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

LSU AgCenter

Department of Agronomy and Environmental Management

Grasp for Creeping River Grass Control in Water-seeded Rice

Trial ID: C06-33
 Location: RRS-Crowley

Pest Code	BRAPP	BRAPP	BRAPP
Rating Date	12/Jun/2006	22/Jun/2006	7/Jul/2006
Rating Data Type	CONTROL	CONTROL	CONTROL
Rating Unit	%	%	%
Trt-Eval Interval	14DA2-3L	10DA3-5L	25DA3-5L

Trt No.	Treatment Name	Form Conc	Rate	Other Rate	Other Rate	Growth Stage			
1	Grasp	2	0.036	lb ai/a	2.3	fl oz/a	2-3 lf rice	90a	
1	Agridex		2.5	% v/v	48	fl oz/a	2-3 lf rice		89a 87a
2	Grasp	2	0.0438	lb ai/a	2.8	fl oz/a	2-3 lf rice	88a	
2	Agridex		2.5	% v/v	48	fl oz/a	2-3 lf rice		85ab 84a
3	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	2-3 lf rice	85a	
3	Agridex		2.5	% v/v	48	fl oz/a	2-3 lf rice		79b 79ab
4	Grasp	2	0.036	lb ai/a	2.3	fl oz/a	2-3 lf rice	92a	
4	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	2-3 lf rice		
4	Agridex		2.5	% v/v	48	fl oz/a	2-3 lf rice		85ab 86a
5	Grasp	2	0.0438	lb ai/a	2.8	fl oz/a	2-3 lf rice	84a	
5	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	2-3 lf rice		
5	Agridex		2.5	% v/v	48	fl oz/a	2-3 lf rice		85ab 86a
6	Grasp	2	0.036	lb ai/a	2.3	fl oz/a	2-3 lf rice	43bc	
6	Agridex		2.5	% v/v	48	fl oz/a	2-3 lf rice		
6	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	3-5 lf rice		
6	Agridex		2.5	% v/v	48	fl oz/a	3-5 lf rice		48d 60bc
7	Grasp	2	0.0438	lb ai/a	2.8	fl oz/a	2-3 lf rice	86a	
7	Agridex		2.5	% v/v	48	fl oz/a	2-3 lf rice		
7	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	3-5 lf rice		
7	Agridex		2.5	% v/v	48	fl oz/a	3-5 lf rice		85ab 91a
8	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	2-3 lf rice	58b	
8	Agridex		2.5	% v/v	48	fl oz/a	2-3 lf rice		
8	Grasp	2	0.036	lb ai/a	2.3	fl oz/a	3-5 lf rice		
8	Agridex		2.5	% v/v	48	fl oz/a	3-5 lf rice		58c 63bc
9	Regiment	80	0.026	lb ai/a	0.52	oz/a	2-3 lf rice	38c	
9	Dyne-a-pak	1		% v/v	19.2	fl oz/a	2-3 lf rice		53cd 45c
10	Nontreated							0d	0e 0d
LSD (P=.05)								17.7	8.6 21.2
Standard Deviation								12.2	5.9 14.6
CV								18.41	8.93 21.46

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

LSU AgCenter

Department of Agronomy and Environmental Management

Grasp for Creeping River Grass Control in Water-seeded Rice

Trial ID: C06-33
 Location: RRS-Crowley

Pest Code	RICE	RICE	RICE
Rating Date	12/Jun/2006	22/Jun/2006	7/Jul/2006
Rating Data Type	INJURY	INJURY	INJURY
Rating Unit	%	%	%
Trt-Eval Interval	14DA2-3L	10DA3-5L	25DA3-5L

Trt No.	Treatment Name	Form Conc	Rate	Unit	Other Rate	Other Unit	Growth Stage	12/Jun/2006	22/Jun/2006	7/Jul/2006
1	Grasp	2	0.036	lb ai/a	2.3	fl oz/a	2-3 lf rice	1ab	0a	0a
1	Agridex		2.5	% v/v	48	fl oz/a	2-3 lf rice			
2	Grasp	2	0.0438	lb ai/a	2.8	fl oz/a	2-3 lf rice	1ab	0a	0a
2	Agridex		2.5	% v/v	48	fl oz/a	2-3 lf rice			
3	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	2-3 lf rice	1ab	0a	0a
3	Agridex		2.5	% v/v	48	fl oz/a	2-3 lf rice			
4	Grasp	2	0.036	lb ai/a	2.3	fl oz/a	2-3 lf rice	0b	0a	0a
4	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	2-3 lf rice			
4	Agridex		2.5	% v/v	48	fl oz/a	2-3 lf rice			
5	Grasp	2	0.0438	lb ai/a	2.8	fl oz/a	2-3 lf rice	4a	0a	0a
5	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	2-3 lf rice			
5	Agridex		2.5	% v/v	48	fl oz/a	2-3 lf rice			
6	Grasp	2	0.036	lb ai/a	2.3	fl oz/a	2-3 lf rice	0b	0a	0a
6	Agridex		2.5	% v/v	48	fl oz/a	2-3 lf rice			
6	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	3-5 lf rice			
6	Agridex		2.5	% v/v	48	fl oz/a	3-5 lf rice			
7	Grasp	2	0.0438	lb ai/a	2.8	fl oz/a	2-3 lf rice	0b	0a	0a
7	Agridex		2.5	% v/v	48	fl oz/a	2-3 lf rice			
7	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	3-5 lf rice			
7	Agridex		2.5	% v/v	48	fl oz/a	3-5 lf rice			
8	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	2-3 lf rice	0b	0a	0a
8	Agridex		2.5	% v/v	48	fl oz/a	2-3 lf rice			
8	Grasp	2	0.036	lb ai/a	2.3	fl oz/a	3-5 lf rice			
8	Agridex		2.5	% v/v	48	fl oz/a	3-5 lf rice			
9	Regiment	80	0.026	lb ai/a	0.52	oz/a	2-3 lf rice	0b	0a	0a
9	Dyne-a-pak	1		% v/v	19.2	fl oz/a	2-3 lf rice			
10	Nontreated							0b	0a	0a
LSD (P=.05)								3.0	0.0	0.0
Standard Deviation								2.0	0.0	0.0
CV								272.17	0.0	0.0

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

LSU AgCenter

Department of Agronomy and Environmental Management

Grasp for Creeping River Grass Control in Water-seeded Rice

Trial ID: C06-33
 Location: RRS-Crowley

Pest Code				RICE		RICE		RICE		
Rating Date				25/Aug/2006		25/Aug/2006		25/Aug/2006		
Rating Data Type				AVG HEIGHT		YIELD		YIELD		
Rating Unit				cm		Bu/A		lb/A		
Trt-Eval Interval				maturity						
Trt No.	Treatment Name	Form Conc	Rate Rate	Other Rate	Other Rate	Growth Stage				
1	Grasp	2	0.036	lb ai/a	2.3	fl oz/a	2-3 lf rice	83a	72ab	3234ab
1	Agridex		2.5	% v/v	48	fl oz/a	2-3 lf rice			
2	Grasp	2	0.0438	lb ai/a	2.8	fl oz/a	2-3 lf rice	83a	93a	4182a
2	Agridex		2.5	% v/v	48	fl oz/a	2-3 lf rice			
3	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	2-3 lf rice	77a	76ab	3411ab
3	Agridex		2.5	% v/v	48	fl oz/a	2-3 lf rice			
4	Grasp	2	0.036	lb ai/a	2.3	fl oz/a	2-3 lf rice	84a	89a	4021a
4	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	2-3 lf rice			
4	Agridex		2.5	% v/v	48	fl oz/a	2-3 lf rice			
5	Grasp	2	0.0438	lb ai/a	2.8	fl oz/a	2-3 lf rice	84a	77ab	3486ab
5	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	2-3 lf rice			
5	Agridex		2.5	% v/v	48	fl oz/a	2-3 lf rice			
6	Grasp	2	0.036	lb ai/a	2.3	fl oz/a	2-3 lf rice	76a	80ab	3613ab
6	Agridex		2.5	% v/v	48	fl oz/a	2-3 lf rice			
6	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	3-5 lf rice			
6	Agridex		2.5	% v/v	48	fl oz/a	3-5 lf rice			
7	Grasp	2	0.0438	lb ai/a	2.8	fl oz/a	2-3 lf rice	81a	92a	4150a
7	Agridex		2.5	% v/v	48	fl oz/a	2-3 lf rice			
7	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	3-5 lf rice			
7	Agridex		2.5	% v/v	48	fl oz/a	3-5 lf rice			
8	Clincher	2.38	0.28	lb ai/a	15	fl oz/a	2-3 lf rice	81a	83ab	3738ab
8	Agridex		2.5	% v/v	48	fl oz/a	2-3 lf rice			
8	Grasp	2	0.036	lb ai/a	2.3	fl oz/a	3-5 lf rice			
8	Agridex		2.5	% v/v	48	fl oz/a	3-5 lf rice			
9	Regiment	80	0.026	lb ai/a	0.52	oz/a	2-3 lf rice	78a	66b	2988b
9	Dyne-a-pak	1		% v/v	19.2	fl oz/a	2-3 lf rice			
10	Nontreated							80a	41c	1858c
LSD (P=.05)							9.9	22.0	990.4	
Standard Deviation							6.8	15.2	682.6	
CV							8.46	19.68	19.68	

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

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Department of Agronomy and Environmental Management

Ricestar HT Rates at 2-3 LF

Experiment number.....: **C06-34**
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: 04/03/06
Harvest date.....: N/A
Crop/Variety: Rice/Trenasse
Emergence date.....: 04/14/06
Uniform std. treatment.....: N/A

Application type.....: 2-3 LF
Date applied [mm/dd/yy] ...: 5/9/06
Time [hh:mm-hh:mm].....: 8:20-8:30a
Incorporation equip./Depth: N/A
Air/Soil temperature [F]: 80/78
Relative humidity [%].....: 75
Wind [mph, direction]: 8-10 S
Weather [sunny, etc]: pt cloudy
Soil/Leaf surface moist.....: wet/dry
Crop stage/Height: 2-4 lf/2-6"
Sprayer type/MPH.....: CO₂BkPk/3.0
Nozzle type/Size: AMFF/110015
Boom ht/# Noz/Spacing ...: 15"/5/15"
GPA/PSI.....: 15/18
Applied by: Webster

Flush Dates.....: 4/20
Permanent Flood: 5/15

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Department of Agronomy and Environmental Management

Ricestar HT Rates Applied to 2-3 lf Rice

Trial ID: C06-34
 Location: RRS-Crowley, LA

Pest Code		RICE		RICE		RICE		RICE		
Rating Date		18/May/2006		18/May/2006		25/May/2006		30/May/2006		
Rating Data Type		INJURY		AVG HEIGHT		INJURY		STAND		
Rating Unit		%		cm		%		400 in2		
Trt-Eval Interval		9da2-3LF		9da2-3LF		16da2-3L		21da2-3L		
Trt No.	Treatment Name	Form Conc	Rate Rate	Other Rate	Other Rate	Growth Unit	Stage			
1	Nontreated					0e	25a	0c	8a	
2	Ricestar HT	0.58	0.068 lb ai/a	15 fl oz/a		2-3 LF 58abc	20abc	24b	6ab	
3	Ricestar HT	0.58	0.077 lb ai/a	17 fl oz/a		2-3 LF 46cd	16c	30ab	6ab	
4	Ricestar HT	0.58	0.1 lb ai/a	22 fl oz/a		2-3 LF 60ab	17bc	30ab	5b	
5	Ricestar HT	0.58	0.109 lb ai/a	24 fl oz/a		2-3 LF 63a	16c	35a	5b	
6	Clincher	2.38	0.242 lb ai/a	13 oz/a		2-3 LF 49bcd	20bc	23b	7ab	
6	Agridex		2.5 % v/v	48 oz/a		2-3 LF				
7	Clincher	2.38	0.28 lb ai/a	15 oz/a		2-3 LF 44d	21ab	30ab	6ab	
7	Agridex		2.5 % v/v	48 oz/a		2-3 LF				
LSD (P=.05)							11.8	4.6	10.9	2.8
Standard Deviation							7.9	3.1	7.3	1.9
CV							17.42	16.24	30.0	31.66

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

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Ricestar HT Rates Applied to 2-3 lf Rice

Trial ID: C06-34
 Location: RRS-Crowley, LA

Pest Code	RICE	RICE	
Rating Date	5/Jun/2006	30/May/2006	
Rating Data Type	INJURY	AVG HEIGHT	
Rating Unit	%	cm	
Trt-Eval Interval	21da2-3L	21da2-3L	

Trt No.	Treatment Name	Form Conc	Rate Rate	Other Rate	Other Rate	Growth Unit	Stage		
1	Nontreated						0b		31a
2	Ricestar HT	0.58	0.068 lb ai/a	15	fl oz/a	2-3 LF	21ab		30a
3	Ricestar HT	0.58	0.077 lb ai/a	17	fl oz/a	2-3 LF	18ab		31a
4	Ricestar HT	0.58	0.1 lb ai/a	22	fl oz/a	2-3 LF	29a		31a
5	Ricestar HT	0.58	0.109 lb ai/a	24	fl oz/a	2-3 LF	29a		25a
6	Clincher	2.38	0.242 lb ai/a	13	oz/a	2-3 LF	26a		30a
6	Agridex		2.5 % v/v	48	oz/a	2-3 LF			
7	Clincher	2.38	0.28 lb ai/a	15	oz/a	2-3 LF	29a		31a
7	Agridex		2.5 % v/v	48	oz/a	2-3 LF			
LSD (P=.05)							23.9		6.2
Standard Deviation							16.1		4.2
CV							74.51		14.11

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

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Department of Agronomy and Environmental Management

Water-Seeded Rice Plant-Back Intervals for Permit

Experiment number.....:	C06-35		
Location	RRS-Crowley, LA		
Experimental design.....:	RCB		
Number of reps	4		
Plot size	5'x17'		
Row width/# per plot.....:	7.5"		
Soil type	Crowley silt loam (3% sand, 69% silt, 28% clay)		
% OM	1.4		
pH	6.4		
CEC	19.1		
Planting date	04/20/06		
Harvest date.....:	08/08/06		
Crop/Variety	Rice/Trenasse		
Emergence date.....:	04/30/06		
Uniform std. treatment.....:	N/A		
Application type.....:	10 d prior plant	7 d prior plant	3 d prior plant
Date applied [mm/dd/yy] ...:	04/10/06	04/13/06	04/17/06
Time [hh:mm-hh:mm].....:	12:00-12:30p	11:15-11:30a	11:00-11:15a
Incorporation equip./Depth:	N/A	N/A	N/A
Air/Soil temperature [F]	75/70	79/86	78/79
Relative humidity [%].....:	32	60	78
Wind [mph, direction]	3-6 S	3-5 S	3-5 S
Weather [sunny, etc]	sunny	sunny	sunny
Soil/Leaf surface moist.....:	dry/N/A	dry/N/A	dry/NA
Crop stage/Height	N/A	N/A	N/A
Sprayer type/MPH.....:	CO ₂ BkPk/3.0	CO ₂ BkPk/3.0	CO ₂ BkPk/3.0
Nozzle type/Size	AMFF/110015	AMFF/110015	AMFF/110015
Boom ht/# Noz/Spacing ...:	15/5/15	15/05/15	15/05/15
GPA/PSI.....:	15/30	15/28	15/28
Applied by	Webster	Webster	Webster
Flush Dates.....:	4/20		
Permanent Flood	5/15		

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Environmental Management

Water-Seeded Rice Plant-Back Intervals for Permit

Experiment number.....: **C06-35**
Location: RRS-Crowley, LA
Experimental design.....: RCB
Number of reps: 4
Plot size: 5'x17'
Row width/# per plot.....: 7.5"
Soil type: Crowley silt loam (3% sand, 69% silt, 28% clay)
% OM.....: 1.4
pH: 6.4
CEC: 19.1
Planting date: 04/20/06
Harvest date.....: 08/08/06
Crop/Variety: Rice/Trenasse
Emergence date.....: 04/30/06
Uniform std. treatment.....: N/A

Application type.....: 0 days prior to planting
Date applied [mm/dd/yy] ..: 4/20/06
Time [hh:mm-hh:mm].....: 8:45-9:00 a
Incorporation equip./Depth: N/A
Air/Soil temperature [F]: 94/85
Relative humidity [%].....: 40
Wind [mph, direction]: 3-5 S
Weather [sunny, etc]: sunny
Soil/Leaf surface moist.....: dry/NA
Crop stage/Height: N/A
Sprayer type/MPH.....: CO₂BkPk/3.0
Nozzle type/Size: AMFF/110015
Boom ht/# Noz/Spacing ...: 18"/5/15"
GPA/PSI.....: 15/30
Applied by: Griffin

Flush Dates: 4/20
Permanent Flood: 5/15

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Department of Agronomy and Environmental Management

Water-Seeded Rice Plant-Back Intervals for Permit

Trial ID: C06-35
 Location: RRS-Crowley, LA

Pest Code						RICE	RICE	RICE
Rating Date						10/May/2006	25/May/2006	5/June/2006
Rating Data Type						INJURY	INJURY	INJURY
Rating Unit						%	%	%
Trt-Eval Interval						20dap	35dap	46dap
Trt No.	Treatment Name	Form Conc	Rate	Other Rate	Other Rate	Growth Stage		
1	10 Days Prior to Planting					0a	0a	0a
1	Permit	75	0	lb ai/a 0	oz/a	PRE		
1	NIS		0.25	% v/v 4.8	oz/a	PRE		
2	10 Days Prior to Planting					0a	0a	0a
2	Permit	75	0.0234	lb ai/a 0.5	oz/a	PRE		
2	NIS		0.25	% v/v 4.8	oz/a	PRE		
3	10 Days Prior to Planting					0a	0a	0a
3	Permit	75	0.0314	lb ai/a 0.67	oz/a	PRE		
3	NIS		0.25	% v/v 4.8	oz/a	PRE		
4	10 Days Prior to Planting					0a	0a	0a
4	Permit	75	0.061	lb ai/a 1.3	oz/a	PRE		
4	NIS		0.25	% v/v 4.8	oz/a	PRE		
5	10 Days Prior to Planting					0a	0a	0a
5	Permit	75	0.094	lb ai/a 2.0	oz/a	PRE		
5	NIS		0.25	% v/v 4.8	oz/a	PRE		
6	7 Days Prior to Planting					0a	0a	0a
6	Permit	75	0	lb ai/a 0	oz/a	PRE		
6	NIS		0.25	% v/v 4.8	oz/a	PRE		
7	7 Days Prior to Planting					0a	0a	0a
7	Permit	75	0.0234	lb ai/a 0.5	oz/a	PRE		
7	NIS		0.25	% v/v 4.8	oz/a	PRE		
8	7 Days Prior to Planting					0a	0a	0a
8	Permit	75	0.0314	lb ai/a 0.67	oz/a	PRE		
8	NIS		0.25	% v/v 4.8	oz/a	PRE		
9	7 Days Prior to Planting					0a	0a	0a
9	Permit	75	0.061	lb ai/a 1.3	oz/a	PRE		
9	NIS		0.25	% v/v 4.8	oz/a	PRE		
10	7 Days Prior to Planting					0a	0a	0a
10	Permit	75	0.094	lb ai/a 2.0	oz/a	PRE		
10	NIS		0.25	% v/v 4.8	oz/a	PRE		
11	3 Days Prior to Planting					0a	0a	0a
11	Permit	75	0	lb ai/a 0	oz/a	PRE		
11	NIS		0.25	% v/v 4.8	oz/a	PRE		
12	3 Days Prior to Planting					0a	0a	0a
12	Permit	75	0.0234	lb ai/a 0.5	oz/a	PRE		
12	NIS		0.25	% v/v 4.8	oz/a	PRE		
13	3 Days Prior to Planting					0a	0a	0a
13	Permit	75	0.0314	lb ai/a 0.67	oz/a	PRE		
13	NIS		0.25	% v/v 4.8	oz/a	PRE		

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Pest Code							RICE	RICE	RICE
Rating Date							10/May/2006	25/May/2006	5/June/2006
Rating Data Type							INJURY	INJURY	INJURY
Rating Unit							%	%	%
Trt-Eval Interval							20dap	35dap	46dap
Trt No.	Treatment Name	Form Conc	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage		
14	3 Days Prior to Planting						0a	0a	0a
14	Permit	75	0.061	lb ai/a	1.3	oz/a	PRE		
14	NIS		0.25	% v/v	4.8	oz/a	PRE		
15	3 Days Prior to Planting						0a	0a	0a
15	Permit	75	0.094	lb ai/a	2.0	oz/a	PRE		
15	NIS		0.25	% v/v	4.8	oz/a	PRE		
16	0 Days Prior to Planting						0a	0a	0a
16	Permit	75	0	lb ai/a	0	oz/a	PRE		
16	NIS		0.25	% v/v	4.8	oz/a	PRE		
17	0 Days Prior to Planting						0a	0a	0a
17	Permit	75	0.0234	lb ai/a	0.5	oz/a	PRE		
17	NIS		0.25	% v/v	4.8	oz/a	PRE		
18	0 Days Prior to Planting						0a	0a	0a
18	Permit	75	0.0314	lb ai/a	0.67	oz/a	PRE		
18	NIS		0.25	% v/v	4.8	oz/a	PRE		
19	0 Days Prior to Planting						0a	0a	0a
19	Permit	75	0.061	lb ai/a	1.3	oz/a	PRE		
19	NIS		0.25	% v/v	4.8	oz/a	PRE		
20	0 Days Prior to Planting						0a	0a	0a
20	Permit	75	0.094	lb ai/a	2.0	oz/a	PRE		
20	NIS		0.25	% v/v	4.8	oz/a	PRE		
LSD (P=.05)							0.0	0.0	0.0
Standard Deviation							0.0	0.0	0.0
CV							0.0	0.0	0.0

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

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Department of Agronomy and Environmental Management

Water-Seeded Rice Plant-Back Intervals for Permit

Trial ID: C06-35
 Location: RRS-Crowley, LA

Pest Code							RICE	RICE	RICE
Rating Date							10/May/2006	25/May/2006	8/Aug/2006
Rating Data Type							AVG HEIGHT	AVG HEIGHT	Avg Height
Rating Unit							cm	cm	cm
Trt-Eval Interval							20dap	35dap	maturity
Trt No.	Treatment Name	Form Conc	Rate	Other Rate	Other Rate	Growth Unit	Stage		
1	10 Days Prior to Planting								
1	Permit	75	0	lb ai/a	0	oz/a	PRE	18a-d	27abc
1	NIS		0.25	% v/v	4.8	oz/a	PRE		77a
2	10 Days Prior to Planting							18abc	26abc
2	Permit	75	0.0234	lb ai/a	0.5	oz/a	PRE		76a
2	NIS		0.25	% v/v	4.8	oz/a	PRE		
3	10 Days Prior to Planting							19ab	26abc
3	Permit	75	0.0314	lb ai/a	0.67	oz/a	PRE		76a
3	NIS		0.25	% v/v	4.8	oz/a	PRE		
4	10 Days Prior to Planting							17b-e	26abc
4	Permit	75	0.061	lb ai/a	1.3	oz/a	PRE		75a
4	NIS		0.25	% v/v	4.8	oz/a	PRE		
5	10 Days Prior to Planting							16b-e	26abc
5	Permit	75	0.094	lb ai/a	2.0	oz/a	PRE		74a
5	NIS		0.25	% v/v	4.8	oz/a	PRE		
6	7 Days Prior to Planting							20a	27abc
6	Permit	75	0	lb ai/a	0	oz/a	PRE		77a
6	NIS		0.25	% v/v	4.8	oz/a	PRE		
7	7 Days Prior to Planting							18a-d	26abc
7	Permit	75	0.0234	lb ai/a	0.5	oz/a	PRE		78a
7	NIS		0.25	% v/v	4.8	oz/a	PRE		
8	7 Days Prior to Planting							17b-e	25bc
8	Permit	75	0.0314	lb ai/a	0.67	oz/a	PRE		78a
8	NIS		0.25	% v/v	4.8	oz/a	PRE		
9	7 Days Prior to Planting							16cde	26abc
9	Permit	75	0.061	lb ai/a	1.3	oz/a	PRE		73a
9	NIS		0.25	% v/v	4.8	oz/a	PRE		
10	7 Days Prior to Planting							16de	24c
10	Permit	75	0.094	lb ai/a	2.0	oz/a	PRE		77a
10	NIS		0.25	% v/v	4.8	oz/a	PRE		
11	3 Days Prior to Planting							17a-e	28a
11	Permit	75	0	lb ai/a	0	oz/a	PRE		74a
11	NIS		0.25	% v/v	4.8	oz/a	PRE		
12	3 Days Prior to Planting							17a-e	26abc
12	Permit	75	0.0234	lb ai/a	0.5	oz/a	PRE		76a
12	NIS		0.25	% v/v	4.8	oz/a	PRE		
13	3 Days Prior to Planting							17b-e	25abc
13	Permit	75	0.0314	lb ai/a	0.67	oz/a	PRE		76a
13	NIS		0.25	% v/v	4.8	oz/a	PRE		

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Pest Code							RICE	RICE	RICE
Rating Date							10/May/2006	25/May/2006	8/Aug/2006
Rating Data Type							AVG HEIGHT	AVG HEIGHT	Avg Height
Rating Unit							cm	cm	cm
Trt-Eval Interval							20dap	35dap	maturity
Trt No.	Treatment Name	Form Conc	Rate Rate	Other Rate	Other Rate	Growth Unit Stage			
14	3 Days Prior to Planting						17b-e	27ab	73a
14	Permit	75	0.061	lb ai/a 1.3	oz/a	PRE			
14	NIS		0.25	% v/v 4.8	oz/a	PRE			
15	3 Days Prior to Planting						15e	26abc	74a
15	Permit	75	0.094	lb ai/a 2.0	oz/a	PRE			
15	NIS		0.25	% v/v 4.8	oz/a	PRE			
16	0 Days Prior to Planting						19ab	25abc	74a
16	Permit	75	0	lb ai/a 0	oz/a	PRE			
16	NIS		0.25	% v/v 4.8	oz/a	PRE			
17	0 Days Prior to Planting						15e	27ab	76a
17	Permit	75	0.0234	lb ai/a 0.5	oz/a	PRE			
17	NIS		0.25	% v/v 4.8	oz/a	PRE			
18	0 Days Prior to Planting						15e	25abc	75a
18	Permit	75	0.0314	lb ai/a 0.67	oz/a	PRE			
18	NIS		0.25	% v/v 4.8	oz/a	PRE			
19	0 Days Prior to Planting						16b-e	25bc	75a
19	Permit	75	0.061	lb ai/a 1.3	oz/a	PRE			
19	NIS		0.25	% v/v 4.8	oz/a	PRE			
20	0 Days Prior to Planting						17b-e	26abc	75a
20	Permit	75	0.094	lb ai/a 2.0	oz/a	PRE			
20	NIS		0.25	% v/v 4.8	oz/a	PRE			
LSD (P=.05)							2.5	2.7	5.7
Standard Deviation							1.8	1.9	4.0
CV							10.58	7.4	5.37

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

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Department of Agronomy and Environmental Management

Water-Seeded Rice Plant-Back Intervals for Permit

Trial ID: C06-35
 Location: RRS-Crowley, LA

Pest Code						RICE	RICE
Rating Date						8/Aug/2006	8/Aug/2006
Rating Data Type						Yield	Yield
Rating Unit						Bu/A	lb/A
Trt-Eval Interval							

Trt No.	Treatment Name	Form Conc	Rate	Other Rate	Other Rate	Growth Unit	Growth Stage	Yield	Yield
1	10 Days Prior to Planting								
1	Permit	75	0	lb ai/a	0	oz/a	PRE	82de	3691de
1	NIS		0.25	% v/v	4.8	oz/a	PRE		
2	10 Days Prior to Planting								
2	Permit	75	0.0234	lb ai/a	0.5	oz/a	PRE	99a-e	4448a-e
2	NIS		0.25	% v/v	4.8	oz/a	PRE		
3	10 Days Prior to Planting								
3	Permit	75	0.0314	lb ai/a	0.67	oz/a	PRE	109a	4889a
3	NIS		0.25	% v/v	4.8	oz/a	PRE		
4	10 Days Prior to Planting								
4	Permit	75	0.061	lb ai/a	1.3	oz/a	PRE	100a-e	4482a-e
4	NIS		0.25	% v/v	4.8	oz/a	PRE		
5	10 Days Prior to Planting								
5	Permit	75	0.094	lb ai/a	2.0	oz/a	PRE	81e	3639e
5	NIS		0.25	% v/v	4.8	oz/a	PRE		
6	7 Days Prior to Planting								
6	Permit	75	0	lb ai/a	0	oz/a	PRE	103a-e	4614a-e
6	NIS		0.25	% v/v	4.8	oz/a	PRE		
7	7 Days Prior to Planting								
7	Permit	75	0.0234	lb ai/a	0.5	oz/a	PRE	92a-e	4146a-e
7	NIS		0.25	% v/v	4.8	oz/a	PRE		
8	7 Days Prior to Planting								
8	Permit	75	0.0314	lb ai/a	0.67	oz/a	PRE	95a-e	4289a-e
8	NIS		0.25	% v/v	4.8	oz/a	PRE		
9	7 Days Prior to Planting								
9	Permit	75	0.061	lb ai/a	1.3	oz/a	PRE	83cde	3744cde
9	NIS		0.25	% v/v	4.8	oz/a	PRE		
10	7 Days Prior to Planting								
10	Permit	75	0.094	lb ai/a	2.0	oz/a	PRE	100a-e	4479a-e
10	NIS		0.25	% v/v	4.8	oz/a	PRE		
11	3 Days Prior to Planting								
11	Permit	75	0	lb ai/a	0	oz/a	PRE	86b-e	3871b-e
11	NIS		0.25	% v/v	4.8	oz/a	PRE		
12	3 Days Prior to Planting								
12	Permit	75	0.0234	lb ai/a	0.5	oz/a	PRE	83cde	3720cde
12	NIS		0.25	% v/v	4.8	oz/a	PRE		
13	3 Days Prior to Planting								
13	Permit	75	0.0314	lb ai/a	0.67	oz/a	PRE	105abc	4719abc
13	NIS		0.25	% v/v	4.8	oz/a	PRE		

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Pest Code	RICE	RICE
Rating Date	8/Aug/2006	8/Aug/2006
Rating Data Type	Yield	Yield
Rating Unit	Bu/A	lb/A

Trt-Eval Interval									
Trt No.	Treatment Name	Form Conc	Rate Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage		
14	3 Days Prior to Planting							97a-e	4366a-e
14	Permit	75	0.061	lb ai/a	1.3	oz/a	PRE		
14	NIS		0.25	% v/v	4.8	oz/a	PRE		
15	3 Days Prior to Planting							108ab	4844ab
15	Permit	75	0.094	lb ai/a	2.0	oz/a	PRE		
15	NIS		0.25	% v/v	4.8	oz/a	PRE		
16	0 Days Prior to Planting							83cde	3725cde
16	Permit	75	0	lb ai/a	0	oz/a	PRE		
16	NIS		0.25	% v/v	4.8	oz/a	PRE		
17	0 Days Prior to Planting							103a-e	4629a-e
17	Permit	75	0.0234	lb ai/a	0.5	oz/a	PRE		
17	NIS		0.25	% v/v	4.8	oz/a	PRE		
18	0 Days Prior to Planting							103a-e	4626a-e
18	Permit	75	0.0314	lb ai/a	0.67	oz/a	PRE		
18	NIS		0.25	% v/v	4.8	oz/a	PRE		
19	0 Days Prior to Planting							104a-d	4666a-d
19	Permit	75	0.061	lb ai/a	1.3	oz/a	PRE		
19	NIS		0.25	% v/v	4.8	oz/a	PRE		
20	0 Days Prior to Planting							87a-e	3914a-e
20	Permit	75	0.094	lb ai/a	2.0	oz/a	PRE		
20	NIS		0.25	% v/v	4.8	oz/a	PRE		
LSD (P=.05)								22.4	1007.2
Standard Deviation								15.8	712.2
CV								16.66	16.66

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

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Evaluation of Surfactants with Regiment, Grasp, and Permit

Experiment number.....: **C06-50**
 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: 04/03/06
 Harvest date.....: N/A
 Crop/Variety: Rice/Trenasse
 Emergence date.....: 04/14/06
 Uniform std. treatment.....: N/A

Application type.....:	PRE	MPOT
Date applied [mm/dd/yy] ...:	04/04/06	5/9/06
Time [hh:mm-hh:mm].....:	2:00-2:10p	12:25-12:40p
Incorporation equip./Depth:	N/A	N/A
Air/Soil temperature [F]	86/77	84/79
Relative humidity [%].....:	36	76
Wind [mph, direction]	2-3, SE	6-10, S
Weather [sunny, etc]	Sunny	cloudy
Soil/Leaf surface moist.....:	dry/NA	moist/dry
Crop stage/Height	NA	3-4 lf/4-5"
Sprayer type/MPH.....:	MMaster/3.0	CO ₂ BkPk/3.0
Nozzle type/Size	AMFF/110015	AMFF/110015
Boom ht/# Noz/Spacing ...:	15/13/28	18"/5/15"
GPA/PSI.....:	12/28	15/25
Applied by	Griffin	Webster

Weed Species (population) :-----	------(height/#leaves)-----
ALRPH (20-50 m ⁻²)	6-9"/9-12 lf
BRAPP (60-70 m ⁻²)	4-5"/5 lf-1 till
ECHCG (100-120 m ⁻²)	3-5"/4-6 lf
LEFPA (70-80 m ⁻²)	2-3"/4-6 lf
CYPES (30-50 m ⁻²)	3-6"/4-6 lf

Flush Dates.....: 4/5,4/20,5/18
 Permanent Flood: 6/1

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Evaluation of Surfactants with Regiment, Grasp, Permit

Trial ID: C06-50
 Location: RRS-Crowley, LA

Pest Code		ECHCG		ECHCG		BRAPP		BRAPP			
Rating Date		25/May/2006		5/Jun/2006		25/May/2006		5/Jun/2006			
Rating Data Type		CONTROL		CONTROL		CONTROL		CONTROL			
Rating Unit		%		%		%		%			
Trt-Eval Interval		16daMPOT		27daMPOT		16daMPOT		27daMPOT			
Trt No.	Treatment Name	Form Conc	Rate	Other Rate	Other Rate	Other Rate	Growth Stage				
1	Command	3	0.3	lb ai/a	12.8	oz/a	PRE	88abc	90ab	50ab	38abc
1	Regiment	80	0.025	lb ai/a	0.5	oz/a	MPOT				
1	Dyne-a-pak		1.5	% v/v	28.8	fl oz/a	MPOT				
1	UAN		0	% v/v	0	fl oz/a	MPOT				
2	Command	3	0.3	lb ai/a	12.8	oz/a	PRE	88abc	89ab	55a	45ab
2	Regiment	80	0.025	lb ai/a	0.5	oz/a	MPOT				
2	Dyne-a-pak		1.5	% v/v	28.8	fl oz/a	MPOT				
2	UAN		2	% v/v	38.4	fl oz/a	MPOT				
3	Command	3	0.3	lb ai/a	12.8	oz/a	PRE	90ab	93a	45abc	38abc
3	Regiment	80	0.025	lb ai/a	0.5	oz/a	MPOT				
3	Kinetic		0.25	% v/v	4.8	fl oz/a	MPOT				
3	UAN		0	% v/v	0	fl oz/a	MPOT				
4	Command	3	0.3	lb ai/a	12.8	oz/a	PRE	91a	93a	54a	46a
4	Regiment	80	0.025	lb ai/a	0.5	oz/a	MPOT				
4	Kinetic		0.25	% v/v	4.8	fl oz/a	MPOT				
4	UAN		2	% v/v	38.4	fl oz/a	MPOT				
5	Command	3	0.3	lb ai/a	12.8	oz/a	PRE	86abc	79c	45abc	35abc
5	Regiment	80	0.025	lb ai/a	0.5	oz/a	MPOT				
5	NIS		0.25	% v/v	4.8	fl oz/a	MPOT				
5	UAN		0	% v/v	0	fl oz/a	MPOT				
6	Command	3	0.3	lb ai/a	12.8	oz/a	PRE	90ab	83bc	49abc	38abc
6	Regiment	80	0.025	lb ai/a	0.5	oz/a	MPOT				
6	NIS		0.25	% v/v	4.8	fl oz/a	MPOT				
6	UAN		2	% v/v	38.4	fl oz/a	MPOT				
7	Command	3	0.3	lb ai/a	12.8	oz/a	PRE	83bc	84abc	43a-d	38abc
7	Grasp	2	0.0438	lb ai/a	2.8	oz/a	MPOT				
7	Dyne-a-pak		1.5	% v/v	28.8	fl oz/a	MPOT				
7	UAN		0	% v/v	0	fl oz/a	MPOT				
8	Command	3	0.3	lb ai/a	12.8	oz/a	PRE	84abc	89ab	36bcd	33bc
8	Grasp	2	0.0438	lb ai/a	2.8	oz/a	MPOT				
8	Dyne-a-pak		1.5	% v/v	28.8	fl oz/a	MPOT				
8	UAN		2	% v/v	38.4	fl oz/a	MPOT				
9	Command	3	0.3	lb ai/a	12.8	oz/a	PRE	81c	93a	30d	30c
9	Grasp	2	0.0438	lb ai/a	2.8	oz/a	MPOT				
9	Kinetic		0.25	% v/v	4.8	fl oz/a	MPOT				
9	UAN		0	% v/v	0	fl oz/a	MPOT				
10	Command	3	0.3	lb ai/a	12.8	oz/a	PRE	81c	88abc	35cd	33bc
10	Grasp	2	0.0438	lb ai/a	2.8	oz/a	MPOT				
10	Kinetic		0.25	% v/v	4.8	fl oz/a	MPOT				
10	UAN		2	% v/v	38.4	fl oz/a	MPOT				

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Pest Type				ECHCG	ECHCG	BRAPP	BRAPP						
Pest Code													
Rating Date				25/May/2006	5/Jun/2006	25/May/2006	5/Jun/2006						
Rating Data Type				CONTROL	CONTROL	CONTROL	CONTROL						
Rating Unit				%	%	%	%						
Trt-Eval Interval				16daMPOT	27daMPOT	16daMPOT	27daMPOT						
Trt No.	Treatment Name	Form Conc	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage						
11	Command	3	0.3	lb ai/a	12.8	oz/a	PRE	83bc					
11	Grasp	2	0.0438	lb ai/a	2.8	oz/a	MPOT		89ab				43abc
11	NIS		0.25	% v/v	4.8	fl oz/a	MPOT			35cd			
11	UAN		0	% v/v	0	fl oz/a	MPOT						
12	Command	3	0.3	lb ai/a	12.8	oz/a	PRE	60d					
12	Grasp	2	0.0438	lb ai/a	2.8	oz/a	MPOT		81bc				
12	NIS		0.25	% v/v	4.8	fl oz/a	MPOT			35cd			
12	UAN		2	% v/v	38.4	fl oz/a	MPOT						30c
13	Command	3	0.3	lb ai/a	12.8	oz/a	PRE						
13	Permit	75	0.047	lb ai/a	1	oz/a	MPOT						
13	Dyne-a-pak		1.5	% v/v	28.8	fl oz/a	MPOT						
13	UAN		0	% v/v	0	fl oz/a	MPOT						
14	Command	3	0.3	lb ai/a	12.8	oz/a	PRE						
14	Permit	75	0.047	lb ai/a	1	oz/a	MPOT						
14	Dyne-a-pak		1.5	% v/v	28.8	fl oz/a	MPOT						
14	UAN		2	% v/v	38.4	fl oz/a	MPOT						
15	Command	3	0.3	lb ai/a	12.8	oz/a	PRE						
15	Permit	75	0.047	lb ai/a	1	oz/a	MPOT						
15	Kinetic		0.25	% v/v	4.8	fl oz/a	MPOT						
15	UAN		0	% v/v	0	fl oz/a	MPOT						
16	Command	3	0.3	lb ai/a	12.8	oz/a	PRE						
16	Permit	75	0.047	lb ai/a	1	oz/a	MPOT						
16	Kinetic		0.25	% v/v	4.8	fl oz/a	MPOT						
16	UAN		2	% v/v	38.4	fl oz/a	MPOT						
17	Command	3	0.3	lb ai/a	12.8	oz/a	PRE						
17	Permit	75	0.047	lb ai/a	1	oz/a	MPOT						
17	NIS		0.25	% v/v	4.8	fl oz/a	MPOT						
17	UAN		0	% v/v	0	fl oz/a	MPOT						
18	Command	3	0.3	lb ai/a	12.8	oz/a	PRE						
18	Permit	75	0.047	lb ai/a	1	oz/a	MPOT						
18	NIS		0.25	% v/v	4.8	fl oz/a	MPOT						
18	UAN		2	% v/v	38.4	fl oz/a	MPOT						
19	Command	3	0.3	lb ai/a	12.8	oz/a	PRE	0e	0d	0e			0d
19	No MPOT												
LSD (P=.05)								7.6	9.5	13.9		12.9	
Standard Deviation								5.3	6.7	9.7		9.0	
CV								6.87	8.26	24.67		26.38	

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

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Department of Agronomy and Environmental Management

Evaluation of Surfactants with Regiment, Grasp, Permit

Trial ID: C06-50
 Location: RRS-Crowley, LA

Pest Code				LEFPA	LEFPA	CYPIR	CYPIR				
Rating Date				25/May/2006	5/Jun/2006	25/May/2006	5/Jun/2006				
Rating Data Type				CONTROL	CONTROL	CONTROL	CONTROL				
Rating Unit				%	%	%	%				
Trt-Eval Interval				16daMPOT	27daMPOT	16daMPOT	27daMPOT				
Trt No.	Treatment Name	Form Conc	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage				
1	Command	3	0.3	lb ai/a	12.8	oz/a	PRE	45ab	35ab	93c	97ab
1	Regiment	80	0.025	lb ai/a	0.5	oz/a	MPOT				
1	Dyne-a-pak		1.5	% v/v	28.8	fl oz/a	MPOT				
1	UAN		0	% v/v	0	fl oz/a	MPOT				
2	Command	3	0.3	lb ai/a	12.8	oz/a	PRE	50a	41ab	95abc	97ab
2	Regiment	80	0.025	lb ai/a	0.5	oz/a	MPOT				
2	Dyne-a-pak		1.5	% v/v	28.8	fl oz/a	MPOT				
2	UAN		2	% v/v	38.4	fl oz/a	MPOT				
3	Command	3	0.3	lb ai/a	12.8	oz/a	PRE	36c	35ab	95abc	97ab
3	Regiment	80	0.025	lb ai/a	0.5	oz/a	MPOT				
3	Kinetic		0.25	% v/v	4.8	fl oz/a	MPOT				
3	UAN		0	% v/v	0	fl oz/a	MPOT				
4	Command	3	0.3	lb ai/a	12.8	oz/a	PRE	39bc	44a	94bc	97ab
4	Regiment	80	0.025	lb ai/a	0.5	oz/a	MPOT				
4	Kinetic		0.25	% v/v	4.8	fl oz/a	MPOT				
4	UAN		2	% v/v	38.4	fl oz/a	MPOT				
5	Command	3	0.3	lb ai/a	12.8	oz/a	PRE	38bc	30b	93c	97ab
5	Regiment	80	0.025	lb ai/a	0.5	oz/a	MPOT				
5	NIS		0.25	% v/v	4.8	fl oz/a	MPOT				
5	UAN		0	% v/v	0	fl oz/a	MPOT				
6	Command	3	0.3	lb ai/a	12.8	oz/a	PRE	38bc	38ab	95abc	94c
6	Regiment	80	0.025	lb ai/a	0.5	oz/a	MPOT				
6	NIS		0.25	% v/v	4.8	fl oz/a	MPOT				
6	UAN		2	% v/v	38.4	fl oz/a	MPOT				
7	Command	3	0.3	lb ai/a	12.8	oz/a	PRE	38bc	35ab	95abc	96abc
7	Grasp	2	0.0438	lb ai/a	2.8	oz/a	MPOT				
7	Dyne-a-pak		1.5	% v/v	28.8	fl oz/a	MPOT				
7	UAN		0	% v/v	0	fl oz/a	MPOT				
8	Command	3	0.3	lb ai/a	12.8	oz/a	PRE	35c	43ab	94bc	97ab
8	Grasp	2	0.0438	lb ai/a	2.8	oz/a	MPOT				
8	Dyne-a-pak		1.5	% v/v	28.8	fl oz/a	MPOT				
8	UAN		2	% v/v	38.4	fl oz/a	MPOT				
9	Command	3	0.3	lb ai/a	12.8	oz/a	PRE	33c	38ab	94bc	97ab
9	Grasp	2	0.0438	lb ai/a	2.8	oz/a	MPOT				
9	Kinetic		0.25	% v/v	4.8	fl oz/a	MPOT				
9	UAN		0	% v/v	0	fl oz/a	MPOT				
10	Command	3	0.3	lb ai/a	12.8	oz/a	PRE	35c	38ab	95abc	97ab
10	Grasp	2	0.0438	lb ai/a	2.8	oz/a	MPOT				
10	Kinetic		0.25	% v/v	4.8	fl oz/a	MPOT				
10	UAN		2	% v/v	38.4	fl oz/a	MPOT				

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Pest Type													
Pest Code	LEFPA	LEFPA	CYPIR	CYPIR									
Rating Date	25/May/2006	5/Jun/2006	25/May/2006	5/Jun/2006									
Rating Data Type	CONTROL	CONTROL	CONTROL	CONTROL									
Rating Unit	%	%	%	%									
Trt-Eval Interval	16daMPOT	27daMPOT	16daMPOT	27daMPOT									
Trt No.	Treatment Name	Form Conc	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage						
11	Command	3	0.3	lb ai/a	12.8	oz/a	PRE	33c	38ab	95abc	96abc		
11	Grasp	2	0.0438	lb ai/a	2.8	oz/a	MPOT						
11	NIS		0.25	% v/v	4.8	fl oz/a	MPOT						
11	UAN		0	% v/v	0	fl oz/a	MPOT						
12	Command	3	0.3	lb ai/a	12.8	oz/a	PRE	33c	33ab	93c	94c		
12	Grasp	2	0.0438	lb ai/a	2.8	oz/a	MPOT						
12	NIS		0.25	% v/v	4.8	fl oz/a	MPOT						
12	UAN		2	% v/v	38.4	fl oz/a	MPOT						
13	Command	3	0.3	lb ai/a	12.8	oz/a	PRE			97a	95bc		
13	Permit	75	0.047	lb ai/a	1	oz/a	MPOT						
13	Dyne-a-pak		1.5	% v/v	28.8	fl oz/a	MPOT						
13	UAN		0	% v/v	0	fl oz/a	MPOT						
14	Command	3	0.3	lb ai/a	12.8	oz/a	PRE			97ab	98a		
14	Permit	75	0.047	lb ai/a	1	oz/a	MPOT						
14	Dyne-a-pak		1.5	% v/v	28.8	fl oz/a	MPOT						
14	UAN		2	% v/v	38.4	fl oz/a	MPOT						
15	Command	3	0.3	lb ai/a	12.8	oz/a	PRE			97ab	97ab		
15	Permit	75	0.047	lb ai/a	1	oz/a	MPOT						
15	Kinetic		0.25	% v/v	4.8	fl oz/a	MPOT						
15	UAN		0	% v/v	0	fl oz/a	MPOT						
16	Command	3	0.3	lb ai/a	12.8	oz/a	PRE			97a	98a		
16	Permit	75	0.047	lb ai/a	1	oz/a	MPOT						
16	Kinetic		0.25	% v/v	4.8	fl oz/a	MPOT						
16	UAN		2	% v/v	38.4	fl oz/a	MPOT						
17	Command	3	0.3	lb ai/a	12.8	oz/a	PRE			97ab	98a		
17	Permit	75	0.047	lb ai/a	1	oz/a	MPOT						
17	NIS		0.25	% v/v	4.8	fl oz/a	MPOT						
17	UAN		0	% v/v	0	fl oz/a	MPOT						
18	Command	3	0.3	lb ai/a	12.8	oz/a	PRE			97a	97ab		
18	Permit	75	0.047	lb ai/a	1	oz/a	MPOT						
18	NIS		0.25	% v/v	4.8	fl oz/a	MPOT						
18	UAN		2	% v/v	38.4	fl oz/a	MPOT						
19	Command	3	0.3	lb ai/a	12.8	oz/a	PRE	0d	0c	0d	0d		
19	No MPOT												
LSD (P=.05)								7.6	13.1	3.0	2.3		
Standard Deviation								5.3	9.2	2.1	1.6		
CV								15.28	26.85	2.37	1.77		

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

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Evaluation of Surfactants with Regiment, Grasp, Permit

Trial ID: C06-50
 Location: RRS-Crowley, LA

Pest Code	ALRPH	ALRPH	RICE	RICE
Rating Date	25/May/2006	5/Jun/2006	25/May/2006	5/Jun/2006
Rating Data Type	CONTROL	CONTROL	INJURY	INJURY
Rating Unit	%	%	%	%
Trt-Eval Interval	16daMPOT	27daMPOT	16daMPOT	27daMPOT

Trt No.	Treatment Name	Form Conc	Rate	Unit	Other Rate	Other Unit	Growth Stage				
1	Command	3	0.3	lb ai/a	12.8	oz/a	PRE	45bcd	30a	0a	0a
1	Regiment	80	0.025	lb ai/a	0.5	oz/a	MPOT				
1	Dyne-a-pak		1.5	% v/v	28.8	fl oz/a	MPOT				
1	UAN		0	% v/v	0	fl oz/a	MPOT				
2	Command	3	0.3	lb ai/a	12.8	oz/a	PRE	66a	39a	0a	0a
2	Regiment	80	0.025	lb ai/a	0.5	oz/a	MPOT				
2	Dyne-a-pak		1.5	% v/v	28.8	fl oz/a	MPOT				
2	UAN		2	% v/v	38.4	fl oz/a	MPOT				
3	Command	3	0.3	lb ai/a	12.8	oz/a	PRE	33d	33a	0a	0a
3	Regiment	80	0.025	lb ai/a	0.5	oz/a	MPOT				
3	Kinetic		0.25	% v/v	4.8	fl oz/a	MPOT				
3	UAN		0	% v/v	0	fl oz/a	MPOT				
4	Command	3	0.3	lb ai/a	12.8	oz/a	PRE	40cd	30a	0a	0a
4	Regiment	80	0.025	lb ai/a	0.5	oz/a	MPOT				
4	Kinetic		0.25	% v/v	4.8	fl oz/a	MPOT				
4	UAN		2	% v/v	38.4	fl oz/a	MPOT				
5	Command	3	0.3	lb ai/a	12.8	oz/a	PRE	45bcd	30a	0a	0a
5	Regiment	80	0.025	lb ai/a	0.5	oz/a	MPOT				
5	NIS		0.25	% v/v	4.8	fl oz/a	MPOT				
5	UAN		0	% v/v	0	fl oz/a	MPOT				
6	Command	3	0.3	lb ai/a	12.8	oz/a	PRE	48bc	33a	0a	0a
6	Regiment	80	0.025	lb ai/a	0.5	oz/a	MPOT				
6	NIS		0.25	% v/v	4.8	fl oz/a	MPOT				
6	UAN		2	% v/v	38.4	fl oz/a	MPOT				
7	Command	3	0.3	lb ai/a	12.8	oz/a	PRE	45bcd	39a	0a	0a
7	Grasp	2	0.0438	lb ai/a	2.8	oz/a	MPOT				
7	Dyne-a-pak		1.5	% v/v	28.8	fl oz/a	MPOT				
7	UAN		0	% v/v	0	fl oz/a	MPOT				
8	Command	3	0.3	lb ai/a	12.8	oz/a	PRE	45bcd	36a	0a	0a
8	Grasp	2	0.0438	lb ai/a	2.8	oz/a	MPOT				
8	Dyne-a-pak		1.5	% v/v	28.8	fl oz/a	MPOT				
8	UAN		2	% v/v	38.4	fl oz/a	MPOT				
9	Command	3	0.3	lb ai/a	12.8	oz/a	PRE	38cd	35a	0a	0a
9	Grasp	2	0.0438	lb ai/a	2.8	oz/a	MPOT				
9	Kinetic		0.25	% v/v	4.8	fl oz/a	MPOT				
9	UAN		0	% v/v	0	fl oz/a	MPOT				
10	Command	3	0.3	lb ai/a	12.8	oz/a	PRE	50bc	33a	0a	0a
10	Grasp	2	0.0438	lb ai/a	2.8	oz/a	MPOT				
10	Kinetic		0.25	% v/v	4.8	fl oz/a	MPOT				
10	UAN		2	% v/v	38.4	fl oz/a	MPOT				

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Pest Code		ALRPH		ALRPH		RICE		RICE			
Rating Date		25/May/2006		5/Jun/2006		25/May/2006		5/Jun/2006			
Rating Data Type		CONTROL		CONTROL		INJURY		INJURY			
Rating Unit		%		%		%		%			
Trt-Eval Interval		16daMPOT		27daMPOT		16daMPOT		27daMPOT			
Trt No.	Treatment Name	Form Conc	Rate Rate	Unit Unit	Other Rate	Other Rate	Growth Stage				
11	Command	3	0.3	lb ai/a	12.8	oz/a	PRE	55ab	38a	0a	0a
11	Grasp	2	0.0438	lb ai/a	2.8	oz/a	MPOT				
11	NIS		0.25	% v/v	4.8	fl oz/a	MPOT				
11	UAN		0	% v/v	0	fl oz/a	MPOT				
12	Command	3	0.3	lb ai/a	12.8	oz/a	PRE	38cd	34a	0a	0a
12	Grasp	2	0.0438	lb ai/a	2.8	oz/a	MPOT				
12	NIS		0.25	% v/v	4.8	fl oz/a	MPOT				
12	UAN		2	% v/v	38.4	fl oz/a	MPOT				
13	Command	3	0.3	lb ai/a	12.8	oz/a	PRE	0e	0b	0a	0a
13	Permit	75	0.047	lb ai/a	1	oz/a	MPOT				
13	Dyne-a-pak		1.5	% v/v	28.8	fl oz/a	MPOT				
13	UAN		0	% v/v	0	fl oz/a	MPOT				
14	Command	3	0.3	lb ai/a	12.8	oz/a	PRE	0e	0b	0a	0a
14	Permit	75	0.047	lb ai/a	1	oz/a	MPOT				
14	Dyne-a-pak		1.5	% v/v	28.8	fl oz/a	MPOT				
14	UAN		2	% v/v	38.4	fl oz/a	MPOT				
15	Command	3	0.3	lb ai/a	12.8	oz/a	PRE	0e	0b	0a	0a
15	Permit	75	0.047	lb ai/a	1	oz/a	MPOT				
15	Kinetic		0.25	% v/v	4.8	fl oz/a	MPOT				
15	UAN		0	% v/v	0	fl oz/a	MPOT				
16	Command	3	0.3	lb ai/a	12.8	oz/a	PRE	8e	0b	0a	0a
16	Permit	75	0.047	lb ai/a	1	oz/a	MPOT				
16	Kinetic		0.25	% v/v	4.8	fl oz/a	MPOT				
16	UAN		2	% v/v	38.4	fl oz/a	MPOT				
17	Command	3	0.3	lb ai/a	12.8	oz/a	PRE	0e	0b	0a	0a
17	Permit	75	0.047	lb ai/a	1	oz/a	MPOT				
17	NIS		0.25	% v/v	4.8	fl oz/a	MPOT				
17	UAN		0	% v/v	0	fl oz/a	MPOT				
18	Command	3	0.3	lb ai/a	12.8	oz/a	PRE	0e	0b	0a	0a
18	Permit	75	0.047	lb ai/a	1	oz/a	MPOT				
18	NIS		0.25	% v/v	4.8	fl oz/a	MPOT				
18	UAN		2	% v/v	38.4	fl oz/a	MPOT				
19	Command	3	0.3	lb ai/a	12.8	oz/a	PRE	0e	0b	0a	0a
19	No MPOT										
LSD (P=.05)								15.0	9.7	0.0	0.0
Standard Deviation								10.6	6.9	0.0	0.0
CV								36.29	32.12	0.0	0.0

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

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Rice Response to Grasp Application Timing

Experiment number.....: **C06-51**
 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: 05/15/06
 Harvest date.....: N/A
 Crop/Variety: Rice/Trenasse
 Emergence date.....: 05/22/06
 Uniform std. treatment.....: N/A

Application type.....:	PRE	EPOT	MPOT
Date applied [mm/dd/yy] ...:	5/17/06	6/5/06	6/15/06
Time [hh:mm-hh:mm].....:	11:35-10:45a	9:45-9:55a	10:10-10:15a
Incorporation equip./Depth:	N/A	N/A	N/A
Air/Soil temperature [F]	78/78	82/80	86/83
Relative humidity [%].....:	38	50	55
Wind [mph, direction]	2-5 NW	2-4 E	3-5 SW
Weather [sunny, etc]	sunny	sunny	pt cloudy
Soil/Leaf surface moist.....:	dry/NA	wet/dry	wet/dry
Crop stage/Height	N/A	3-5lf/6-8"	1-2 till/9-10"
Sprayer type/MPH.....:	CO ₂ BkPk/3.0	CO ₂ BkPk/3.0	CO ₂ BkPk/3.0
Nozzle type/Size	AMFF/110015	AMFF/110015	AMFF/110015
Boom ht/# Noz/Spacing ...:	18"/5/15"	18"/5/15"	18"/5/15"
GPA/PSI.....:	15/28	15/28	15/22
Applied by	Griffin	Bottoms	Bottoms

Weed Species (population):	------(height/#leaves)-----	
SEBEX (60-80 m ⁻²)	6-8"/6-9lf	12-15"/9-11lf
LEFPA (30-40 m ⁻²)	5-7"/4-5lf	8-10"/2-3 till
ALRPH (20-30 m ⁻²)	6-9"/15-20lf	10-12"/30-50 lf
CYPIR (60-80 m ⁻²)	5-8"/4-6lf	8-10"/7-9 lf
BRAPP (30-40 m ⁻²)	4-6"/4-5lf	5-8"/2-3 till

Flush Dates.....: 5/19, 6/1, 6/13
 Permanent Flood

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Rice Response to Grasp Application Timing

Trial ID: C06-51
 Location: RRS-Crowley, LA

Weed Code				ECHCG	ECHCG	ECHCG	ECHCG				
Rating Data Type				CONTROL	CONTROL	CONTROL	CONTROL				
Rating Unit				%	%	%	%				
Rating Date				5/Jun/2006	21/Jun/2006	5/Jul/2006	17/Jul/2006				
Trt-Eval Interval				19daPRE	6daMPOT	22daMPOT	34daMPOT				
Trt No.	Treatment Name	Form Conc	Rate	Rate Unit	Product Rate	Product Rate Unit	Grow Stg				
1	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	86a	0d	0b	0c
2	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	90a	89bc	98a	95b
2	Grasp	2	0.0313	lb ai/a	2	fl oz/a	PRE				
3	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	90a	93ab	98a	97a
3	Grasp	2	0.0438	lb ai/a	2.8	fl oz/a	PRE				
4	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	87a	94a	98a	97a
4	Grasp	2	0.0313	lb ai/a	2	fl oz/a	EPOT				
4	Agridex	1		% v/v	19.2	fl oz/a	EPOT				
5	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	90a	95a	98a	98a
5	Grasp	2	0.0438	lb ai/a	2.8	fl oz/a	EPOT				
5	Agridex	1		% v/v	19.2	fl oz/a	EPOT				
6	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	87a	86c	98a	97ab
6	Grasp	2	0.0313	lb ai/a	2	fl oz/a	MPOT				
6	Agridex	1		% v/v	19.2	fl oz/a	MPOT				
7	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	89a	89bc	98a	97a
7	Grasp	2	0.0438	lb ai/a	2.8	fl oz/a	MPOT				
7	Agridex	1		% v/v	19.2	fl oz/a	MPOT				
LSD (P=.05)								5.2	4.3	0.0	2.4
Standard Deviation								3.5	2.9	0.0	1.6
CV								3.95	3.67	0.0	1.92

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

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Department of Agronomy and Environmental Management

Rice Response to Grasp Application Timing

Trial ID: C06-51
 Location: RRS-Crowley, LA

Weed Code				BRAPP	BRAPP	BRAPP	BRAPP				
Rating Data Type				CONTROL	CONTROL	CONTROL	CONTROL				
Rating Unit				%	%	%	%				
Rating Date				5/Jun/2006	21/Jun/2006	5/Jul/2006	17/Jul/2006				
Trt-Eval Interval				19daPRE	6daMPOT	22daMPOT	34daMPOT				
Trt No.	Treatment Name	Form Conc	Rate	Rate Unit	Product Rate	Product Rate Unit	Grow Stg				
1	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE 90a	0b	0b	0c	
2	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE 90a	95a	98a	97b	
2	Grasp	2	0.0313	lb ai/a	2	fl oz/a	PRE				
3	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE 90a	95a	98a	97ab	
3	Grasp	2	0.0438	lb ai/a	2.8	fl oz/a	PRE				
4	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE 90a	95a	98a	97ab	
4	Grasp	2	0.0313	lb ai/a	2	fl oz/a	EPOT				
4	Agridex	1		% v/v	19.2	fl oz/a	EPOT				
5	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE 88a	95a	98a	98a	
5	Grasp	2	0.0438	lb ai/a	2.8	fl oz/a	EPOT				
5	Agridex	1		% v/v	19.2	fl oz/a	EPOT				
6	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE 90a	94a	98a	97b	
6	Grasp	2	0.0313	lb ai/a	2	fl oz/a	MPOT				
6	Agridex	1		% v/v	19.2	fl oz/a	MPOT				
7	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE 90a	94a	98a	97ab	
7	Grasp	2	0.0438	lb ai/a	2.8	fl oz/a	MPOT				
7	Agridex	1		% v/v	19.2	fl oz/a	MPOT				
LSD (P=.05)								2.8	2.0	0.0	1.4
Standard Deviation								1.9	1.4	0.0	1.0
CV								2.11	1.69	0.0	1.16

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

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Department of Agronomy and Environmental Management

Rice Response to Grasp Application Timing

Trial ID: C06-51
 Location: RRS-Crowley, LA

Weed Code				LEFPA	LEFPA	LEFPA	LEFPA				
Rating Data Type				CONTROL	CONTROL	CONTROL	CONTROL				
Rating Unit				%	%	%	%				
Rating Date				5/Jun/2006	21/Jun/2006	5/Jul/2006	17/Jul/2006				
Trt-Eval Interval				19daPRE	6daMPOT	22daMPOT	34daMPOT				
Trt No.	Treatment Name	Form Conc	Rate	Product Unit	Product Rate	Product Unit	Grow Stg	90a	0b	0b	0b
1	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	90a	0b	0b	0b
2	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	90a	95a	98a	97a
2	Grasp	2	0.0313	lb ai/a	2	fl oz/a	PRE				
3	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	90a	95a	98a	97a
3	Grasp	2	0.0438	lb ai/a	2.8	fl oz/a	PRE				
4	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	90a	95a	97a	93a
4	Grasp	2	0.0313	lb ai/a	2	fl oz/a	EPOT				
4	Agridex	1		% v/v	19.2	fl oz/a	EPOT				
5	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	90a	95a	97a	98a
5	Grasp	2	0.0438	lb ai/a	2.8	fl oz/a	EPOT				
5	Agridex	1		% v/v	19.2	fl oz/a	EPOT				
6	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	90a	94a	96a	97a
6	Grasp	2	0.0313	lb ai/a	2	fl oz/a	MPOT				
6	Agridex	1		% v/v	19.2	fl oz/a	MPOT				
7	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	90a	95a	98a	97a
7	Grasp	2	0.0438	lb ai/a	2.8	fl oz/a	MPOT				
7	Agridex	1		% v/v	19.2	fl oz/a	MPOT				
LSD (P=.05)								0.0	1.4	2.6	5.3
Standard Deviation								0.0	0.9	1.8	3.5
CV								0.0	1.16	2.13	4.28

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

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Department of Agronomy and Environmental Management

Rice Response to Grasp Application Timing

Trial ID: C06-51
 Location: RRS-Crowley, LA

Weed Code				SEBEX	SEBEX	SEBEX				
Rating Data Type				CONTROL	CONTROL	CONTROL				
Rating Unit				%	%	%				
Rating Date				21/Jun/2006	5/Jul/2006	17/Jul/2006				
Trt-Eval Interval				6daMPOT	22daMPOT	34daMPOT				
Trt No.	Treatment Name	Form Conc	Rate	Product Unit	Product Rate	Product Unit	Grow Stg			
1	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	0e	0e	0d
2	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	78b	74c	44c
2	Grasp	2	0.0313	lb ai/a	2	fl oz/a	PRE			
3	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	84ab	71c	73ab
3	Grasp	2	0.0438	lb ai/a	2.8	fl oz/a	PRE			
4	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	87a	86b	88a
4	Grasp	2	0.0313	lb ai/a	2	fl oz/a	EPOT			
4	Agridex	1		% v/v	19.2	fl oz/a	EPOT			
5	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	91a	96a	95a
5	Grasp	2	0.0438	lb ai/a	2.8	fl oz/a	EPOT			
5	Agridex	1		% v/v	19.2	fl oz/a	EPOT			
6	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	50d	55d	28c
6	Grasp	2	0.0313	lb ai/a	2	fl oz/a	MPOT			
6	Agridex	1		% v/v	19.2	fl oz/a	MPOT			
7	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	69c	50d	49bc
7	Grasp	2	0.0438	lb ai/a	2.8	fl oz/a	MPOT			
7	Agridex	1		% v/v	19.2	fl oz/a	MPOT			
LSD (P=.05)								7.4	8.1	25.0
Standard Deviation								5.0	5.5	16.9
CV								7.59	8.86	31.44

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

LSU AgCenter

Department of Agronomy and Environmental Management

Rice Response to Grasp Application Timing

Trial ID: C06-51
 Location: RRS-Crowley, LA

Weed Code							CYPIR	CYPIR	CYPIR
Rating Data Type							CONTROL	CONTROL	CONTROL
Rating Unit							%	%	%
Rating Date							21/Jun/2006	5/Jul/2006	10/Jul/2006
Trt-Eval Interval							6daMPOT	22daMPOT	34daMPOT
Trt No.	Treatment Name	Form Conc	Rate	Product Unit	Product Rate	Product Unit	Grow Stg		
1	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE 0d	0b	0c
2	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE 91a	98a	97b
2	Grasp	2	0.0313	lb ai/a	2	fl oz/a	PRE		
3	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE 90ab	98a	97ab
3	Grasp	2	0.0438	lb ai/a	2.8	fl oz/a	PRE		
4	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE 90ab	98a	97ab
4	Grasp	2	0.0313	lb ai/a	2	fl oz/a	EPOT		
4	Agridex	1	1	% v/v	19.2	fl oz/a	EPOT		
5	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE 94a	98a	98a
5	Grasp	2	0.0438	lb ai/a	2.8	fl oz/a	EPOT		
5	Agridex	1	1	% v/v	19.2	fl oz/a	EPOT		
6	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE 70c	98a	97ab
6	Grasp	2	0.0313	lb ai/a	2	fl oz/a	MPOT		
6	Agridex	1	1	% v/v	19.2	fl oz/a	MPOT		
7	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE 86b	98a	97ab
7	Grasp	2	0.0438	lb ai/a	2.8	fl oz/a	MPOT		
7	Agridex	1	1	% v/v	19.2	fl oz/a	MPOT		
LSD (P=.05)							4.3	0.0	1.3
Standard Deviation							2.9	0.0	0.9
CV							3.92	0.0	1.06

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

LSU AgCenter

Department of Agronomy and Environmental Management

Rice Response to Grasp Application Timing

Trial ID: C06-51
 Location: RRS-Crowley, LA

Weed Code				RICE	RICE	RICE	RICE				
Rating Data Type				INJURY	INJURY	INJURY	INJURY				
Rating Unit				%	%	%	%				
Rating Date				5/Jun/2006	21/Jun/2006	5/Jul/2006	17/Jul/2006				
Trt-Eval Interval				19daPRE	6daMPOT	22daMPOT	34daMPOT				
Trt No.	Treatment Name	Form Conc	Rate	Product Unit	Product Rate	Product Unit	Grow Stg				
1	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	0a	0a	0a	0a
2	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	0a	0a	0a	0a
2	Grasp	2	0.0313	lb ai/a	2	fl oz/a	PRE				
3	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	0a	0a	0a	0a
3	Grasp	2	0.0438	lb ai/a	2.8	fl oz/a	PRE				
4	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	0a	0a	0a	0a
4	Grasp	2	0.0313	lb ai/a	2	fl oz/a	EPOT				
4	Agridex	1		% v/v	19.2	fl oz/a	EPOT				
5	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	0a	0a	0a	0a
5	Grasp	2	0.0438	lb ai/a	2.8	fl oz/a	EPOT				
5	Agridex	1		% v/v	19.2	fl oz/a	EPOT				
6	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	0a	0a	0a	0a
6	Grasp	2	0.0313	lb ai/a	2	fl oz/a	MPOT				
6	Agridex	1		% v/v	19.2	fl oz/a	MPOT				
7	Command	3	0.3	lb ai/a	12.8	fl oz/a	PRE	0a	0a	0a	0a
7	Grasp	2	0.0438	lb ai/a	2.8	fl oz/a	MPOT				
7	Agridex	1		% v/v	19.2	fl oz/a	MPOT				
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

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

LSU AgCenter
Department of Agronomy and Environmental Management

Broadleaf Tank Mixtures

Experiment number.....: **C06-52**
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: 05/15/06
Harvest date.....: N/A
Crop/Variety: Rice/CL131
Emergence date.....: 05/22/06
Uniform std. treatment.....: N/A

Application type.....: MPOT
Date applied [mm/dd/yy] ...: 6/7/06
Time [hh:mm-hh:mm].....: 12:15-12:30p
Incorporation equip./Depth: N/A
Air/Soil temperature [F]: 79/80
Relative humidity [%].....: 70
Wind [mph, direction]: 2-4 W
Weather [sunny, etc]: cloudy
Soil/Leaf surface moist.....: wet/dry
Crop stage/Height: 3-5 lf/3-6"
Sprayer type/MPH.....: CO₂BkPk/3.0
Nozzle type/Size: AMFF/110015
Boom ht/# Noz/Spacing ...: 18"/5/15"
GPA/PSI.....: 15/21
Applied by: Webster

Weed Species (population):- (height/#leaves)-
ECHCG (150-200 m⁻²): 1-6"/4 lf-1 till
BRAPP (50-70 m⁻²): 0.25-6"/1 lf-1 till
LEFPA (50-70 m⁻²): 0.5-4"/3 lf-1 till
SEBEX (25-35 m⁻²): 6-8"/4-6lf
CYPIR (100-150 m⁻²): 0.5-3"/1-5 lf

Flush Dates.....: 5/19,6/1,6/13
Permanent Flood: 6/14

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Department of Agronomy and Environmental Management

Broadleaf Tank Mixtures

Trial ID: C06-52
 Location: RRS-Crowley, LA

Weed Code	Rating Data Type	Rating Unit	Rating Date	Trt-Eval Interval	SEBEX CONTROL	SEBEX CONTROL	SEBEX CONTROL	SEBEX CONTROL
					15/Jun/2006	21/Jun/2006	5/Jul/2006	17/Jul/2006
					8daMPOT	14daMPOT	28daMPOT	40daMPOT
Trt No.	Treatment Name	Form Conc	Rate Rate	Product Rate	Product Rate	Grow Unit	Stg	
1	No Brdlf/Grass Herb						0d	0b
1	Agridex	1	% v/v	19.2	oz/a	MPOT		0c
1	No Brdlf/Sedge Herb							
2	No Brdlf/Grass Herb						63c	95a
2	Agridex	1	% v/v	19.2	oz/a	MPOT		99a
2	Londax	60	0.0375	lb ai/a 1	oz/a	MPOT		98a
3	No Brdlf/Grass Herb						60c	95a
3	Agridex	1	% v/v	19.2	oz/a	MPOT		99a
3	Permit	75	0.047	lb ai/a 1	oz/a	MPOT		98a
4	No Brdlf/Grass Herb						64c	95a
4	Agridex	1	% v/v	19.2	oz/a	MPOT		99a
4	IR 5878	50	0.0656	lb ai/a 2.1	oz/a	MPOT		98a
5	Regiment	80	0.02	lb ai/a 0.4	oz/a	MPOT	91ab	95a
5	Dyne-A-Pak	1.5	% v/v	28.8	oz/a	MPOT		99a
5	No Brdlf/Sedge Herb							96b
6	Regiment	80	0.02	lb ai/a 0.4	oz/a	MPOT	93a	95a
6	Dyne-A-Pak	1.5	% v/v	28.8	oz/a	MPOT		99a
6	Londax	60	0.0375	lb ai/a 1	oz/a	MPOT		98a
7	Regiment	80	0.02	lb ai/a 0.4	oz/a	MPOT	93a	95a
7	Dyne-A-Pak	1.5	% v/v	28.8	oz/a	MPOT		99a
7	Permit	75	0.047	lb ai/a 1	oz/a	MPOT		98a
8	Regiment	80	0.02	lb ai/a 0.4	oz/a	MPOT	89ab	95a
8	Dyne-A-Pak	1.5	% v/v	28.8	oz/a	MPOT		99a
8	IR 5878	50	0.0656	lb ai/a 2.1	oz/a	MPOT		98a
9	Grasp	2	0.036	lb ai/a 2.3	oz/a	MPOT	84b	95a
9	Agridex	2.5	% v/v	48	oz/a	MPOT		99a
9	No Brdlf/Sedge Herb							98a
10	Grasp	2	0.036	lb ai/a 2.3	oz/a	MPOT	88ab	95a
10	Agridex	2.5	% v/v	48	oz/a	MPOT		99a
10	Londax	60	0.0375	lb ai/a 1	oz/a	MPOT		98a
11	Grasp	2	0.036	lb ai/a 2.3	oz/a	MPOT	86ab	95a
11	Agridex	2.5	% v/v	48	oz/a	MPOT		99a
11	Permit	75	0.047	lb ai/a 1	oz/a	MPOT		98a
12	Grasp	2	0.036	lb ai/a 2.3	oz/a	MPOT	88ab	95a
12	Agridex	2.5	% v/v	48	oz/a	MPOT		99a
12	IR 5878	50	0.0656	lb ai/a 2.1	oz/a	MPOT		98a

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

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Department of Agronomy and Environmental Management

Broadleaf Tank Mixtures

Trial ID: C06-52
 Location: RRS-Crowley, LA

Weed Code						CYPIR CONTROL	CYPIR CONTROL
Rating Data Type						%	%
Rating Unit						21/Jun/2006	5/Jul/2006
Rating Date						14daMPOT	28daMPOT
Trt-Eval Interval							
Trt No.	Treatment Name	Form Conc	Rate	Product Rate	Product Rate	Grow Unit	Stg
1	No Brdlf/Grass Herb					0b	0b
1	Agridex	1	% v/v	19.2	oz/a	MPOT	
1	No Brdlf/Sedge Herb						
2	No Brdlf/Grass Herb					95a	99a
2	Agridex	1	% v/v	19.2	oz/a	MPOT	
2	Londax	60	0.0375	lb ai/a 1	oz/a	MPOT	
3	No Brdlf/Grass Herb					95a	99a
3	Agridex	1	% v/v	19.2	oz/a	MPOT	
3	Permit	75	0.047	lb ai/a 1	oz/a	MPOT	
4	No Brdlf/Grass Herb					95a	99a
4	Agridex	1	% v/v	19.2	oz/a	MPOT	
4	IR 5878	50	0.0656	lb ai/a 2.1	oz/a	MPOT	
5	Regiment	80	0.02	lb ai/a 0.4	oz/a	MPOT	95a
5	No Brdlf/Sedge Herb						99a
6	Regiment	80	0.02	lb ai/a 0.4	oz/a	MPOT	95a
6	Dyne-A-Pak	1.5	% v/v	28.8	oz/a	MPOT	
6	Londax	60	0.0375	lb ai/a 1	oz/a	MPOT	
7	Regiment	80	0.02	lb ai/a 0.4	oz/a	MPOT	95a
7	Dyne-A-Pak	1.5	% v/v	28.8	oz/a	MPOT	
7	Permit	75	0.047	lb ai/a 1	oz/a	MPOT	
8	Regiment	80	0.02	lb ai/a 0.4	oz/a	MPOT	95a
8	Dyne-A-Pak	1.5	% v/v	28.8	oz/a	MPOT	
8	IR 5878	50	0.0656	lb ai/a 2.1	oz/a	MPOT	
9	Grasp	2	0.036	lb ai/a 2.3	oz/a	MPOT	95a
9	Agridex	2.5	% v/v	48	oz/a	MPOT	
9	No Brdlf/Sedge Herb						99a
10	Grasp	2	0.036	lb ai/a 2.3	oz/a	MPOT	95a
10	Agridex	2.5	% v/v	48	oz/a	MPOT	
10	Londax	60	0.0375	lb ai/a 1	oz/a	MPOT	
11	Grasp	2	0.036	lb ai/a 2.3	oz/a	MPOT	95a
11	Agridex	2.5	% v/v	48	oz/a	MPOT	
11	Permit	75	0.047	lb ai/a 1	oz/a	MPOT	
12	Grasp	2	0.036	lb ai/a 2.3	oz/a	MPOT	95a
12	Agridex	2.5	% v/v	48	oz/a	MPOT	
12	IR 5878	50	0.0656	lb ai/a 2.1	oz/a	MPOT	
LSD (P=.05)						0.0	0.0
Standard Deviation						0.0	0.0
CV						0.0	0.0

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

LSU AgCenter

Department of Agronomy and Environmental Management

Broadleaf Tank Mixtures

Trial ID: C06-52
 Location: RRS-Crowley, LA

Weed Code	Rating Data Type	Rating Unit	Rating Date	Trt-Eval Interval	RICE INJURY %	RICE INJURY %	RICE INJURY %	RICE INJURY %
					15/Jun/2006	21/Jun/2006	5/Jul/2006	17/Jul/2006
					8daMPOT	14daMPOT	28daMPOT	40daMPOT
Trt No.	Treatment Name	Form Conc	Rate	Product Rate	Product Rate	Grow Unit	Stg	
1	No Brdlf/Grass Herb							0a
1	Agridex	1	% v/v	19.2	oz/a	MPOT		0a
1	No Brdlf/Sedge Herb							0a
2	No Brdlf/Grass Herb							0a
2	Agridex	1	% v/v	19.2	oz/a	MPOT		0a
2	Londax	60	0.0375	lb ai/a 1	oz/a	MPOT		0a
3	No Brdlf/Grass Herb							0a
3	Agridex	1	% v/v	19.2	oz/a	MPOT		0a
3	Permit	75	0.047	lb ai/a 1	oz/a	MPOT		0a
4	No Brdlf/Grass Herb							0a
4	Agridex	1	% v/v	19.2	oz/a	MPOT		0a
4	IR 5878	50	0.0656	lb ai/a 2.1	oz/a	MPOT		0a
5	Regiment	80	0.02	lb ai/a 0.4	oz/a	MPOT	0a	0a
5	Dyne-A-Pak	1.5	% v/v	28.8	oz/a	MPOT		0a
5	No Brdlf/Sedge Herb							0a
6	Regiment	80	0.02	lb ai/a 0.4	oz/a	MPOT	0a	0a
6	Dyne-A-Pak	1.5	% v/v	28.8	oz/a	MPOT		0a
6	Londax	60	0.0375	lb ai/a 1	oz/a	MPOT		0a
7	Regiment	80	0.02	lb ai/a 0.4	oz/a	MPOT	0a	0a
7	Dyne-A-Pak	1.5	% v/v	28.8	oz/a	MPOT		0a
7	Permit	75	0.047	lb ai/a 1	oz/a	MPOT		0a
8	Regiment	80	0.02	lb ai/a 0.4	oz/a	MPOT	0a	0a
8	Dyne-A-Pak	1.5	% v/v	28.8	oz/a	MPOT		0a
8	IR 5878	50	0.0656	lb ai/a 2.1	oz/a	MPOT		0a
9	Grasp	2	0.036	lb ai/a 2.3	oz/a	MPOT	0a	0a
9	Agridex	2.5	% v/v	48	oz/a	MPOT		0a
9	No Brdlf/Sedge Herb							0a
10	Grasp	2	0.036	lb ai/a 2.3	oz/a	MPOT	0a	0a
10	Agridex	2.5	% v/v	48	oz/a	MPOT		0a
10	Londax	60	0.0375	lb ai/a 1	oz/a	MPOT		0a
11	Grasp	2	0.036	lb ai/a 2.3	oz/a	MPOT	0a	0a
11	Agridex	2.5	% v/v	48	oz/a	MPOT		0a
11	Permit	75	0.047	lb ai/a 1	oz/a	MPOT		0a
12	Grasp	2	0.036	lb ai/a 2.3	oz/a	MPOT	0a	0a
12	Agridex	2.5	% v/v	48	oz/a	MPOT		0a
12	IR 5878	50	0.0656	lb ai/a 2.1	oz/a	MPOT		0a
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

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

LSU AgCenter

Department of Agronomy and Environmental Management

Newpath/Permit Combinations

Experiment number.....: **C06-53**
 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.....: 04/18/06
 Harvest date.....: N/A
 Crop/Variety: Rice/CL161
 Emergence date.....: 05/01/06
 Uniform std. treatment.....: N/A

Application type.....: PRE	2-3 lf
Date applied [mm/dd/yy] ..: 4/19/06	5/12/06
Time [hh:mm-hh:mm].....: 10:00-10:15a	12:00-12:15p
Incorporation equip./Depth: N/A	N/A
Air/Soil temperature [F]: 73/75	75/80
Relative humidity [%].....: 45	43
Wind [mph, direction]: 3-5, NW	7-10, NW
Weather [sunny, etc]: sunny	sunny
Soil/Leaf surface moist.....: dry/N/A	dry/dry
Crop stage/Height: N/A	2-3 lf/4-6"
Sprayer type/MPH.....: CO ₂ BkPk/3.0	CO ₂ BkPk/3.0
Nozzle type/Size: AMFF/110015	AMFF/110015
Boom ht/# Noz/Spacing ...: 18"/5/15"	18"/5/15"
GPA/PSI.....: 15/28	15/28
Applied by: Zhang	Zhang

Weed Species (population):------(height/#leaves)-----
 CYPPIR (40-60 m⁻²).....: 8-9"/5-6 lf
 ORYSA (40-60 m⁻²).....: 4-6"/2-3 lf
 COMDI (20-30 m⁻²).....: 2-3"/2-3 lf
 CYPES (20-30 m⁻²).....: 8-9"/5-6 lf

Flush Dates.....: 4/20, 5/18
 Permanent Flood: 6/1

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Department of Agronomy and Environmental Management

Newpath/Permit Combinations

Trial ID: C06-53
 Location: RRS-Crowley, LA

Pest Code	ORYSA	ORYSA	ORYSA
Rating Date	25/May/2006	8/Jun/2006	20/Jun/2006
Rating Data Type	CONTROL	CONTROL	CONTROL
Rating Unit	%	%	%
Trt-Eval Interval	13da2-3L	27da2-3L	39da2-3L

Trt No.	Treatment Name	Form Conc	Rate	Unit	Other Rate	Other Rate Unit	Growth Stage			
1	Command	3	0.3	lb ai/a	12.8	oz/a	PRE	88a	70ab	83a
1	Newpath	2	0.0625	lb ai/a	4	oz/a	2-3 lf			
1	Permit	75	0	lb ai/a	0	oz/a	2-3 lf			
1	Agridex		1	% v/v	19.2	oz/a	2-3 lf			
2	Command	3	0.3	lb ai/a	12.8	oz/a	PRE	88a	68b	69b
2	Newpath	2	0.0625	lb ai/a	4	oz/a	2-3 lf			
2	Permit	75	0.0117	lb ai/a	0.25	oz/a	2-3 lf			
2	Agridex		1	% v/v	19.2	oz/a	2-3 lf			
3	Command	3	0.3	lb ai/a	12.8	oz/a	PRE	86a	75ab	76ab
3	Newpath	2	0.0625	lb ai/a	4	oz/a	2-3 lf			
3	Permit	75	0.0234	lb ai/a	0.5	oz/a	2-3 lf			
3	Agridex		1	% v/v	19.2	oz/a	2-3 lf			
4	Command	3	0.3	lb ai/a	12.8	oz/a	PRE	86a	71ab	76ab
4	Newpath	2	0.0625	lb ai/a	4	oz/a	2-3 lf			
4	Permit	75	0.035	lb ai/a	0.75	oz/a	2-3 lf			
4	Agridex		1	% v/v	19.2	oz/a	2-3 lf			
5	Command	3	0.3	lb ai/a	12.8	oz/a	PRE	88a	84a	80ab
5	Newpath	2	0.0625	lb ai/a	4	oz/a	2-3 lf			
5	Permit	75	0.047	lb ai/a	1	oz/a	2-3 lf			
5	Agridex		1	% v/v	19.2	oz/a	2-3 lf			
6	Command	3	0.3	lb ai/a	12.8	oz/a	PRE	91a	74ab	86a
6	Newpath	2	0.094	lb ai/a	6	oz/a	2-3 lf			
6	Permit	75	0	lb ai/a	0	oz/a	2-3 lf			
6	Agridex		1	% v/v	19.2	oz/a	2-3 lf			
7	Command	3	0.3	lb ai/a	12.8	oz/a	PRE	90a	79ab	85a
7	Newpath	2	0.094	lb ai/a	6	oz/a	2-3 lf			
7	Permit	75	0.0117	lb ai/a	0.25	oz/a	2-3 lf			
7	Agridex		1	% v/v	19.2	oz/a	2-3 lf			
8	Command	3	0.3	lb ai/a	12.8	oz/a	PRE	90a	84a	78ab
8	Newpath	2	0.094	lb ai/a	6	oz/a	2-3 lf			
8	Permit	75	0.0234	lb ai/a	0.5	oz/a	2-3 lf			
8	Agridex		1	% v/v	19.2	oz/a	2-3 lf			
9	Command	3	0.3	lb ai/a	12.8	oz/a	PRE	91a	81ab	84a
9	Newpath	2	0.094	lb ai/a	6	oz/a	2-3 lf			
9	Permit	75	0.035	lb ai/a	0.75	oz/a	2-3 lf			
9	Agridex		1	% v/v	19.2	oz/a	2-3 lf			
10	Command	3	0.3	lb ai/a	12.8	oz/a	PRE	90a	70ab	85a
10	Newpath	2	0.094	lb ai/a	6	oz/a	2-3 lf			
10	Permit	75	0.047	lb ai/a	1	oz/a	2-3 lf			
10	Agridex		1	% v/v	19.2	oz/a	2-3 lf			

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Pest Type			
Pest Code	ORYSA	ORYSA	ORYSA
Rating Date	25/May/2006	8/Jun/2006	20/Jun/2006
Rating Data Type	CONTROL	CONTROL	CONTROL
Rating Unit	%	%	%
Trt-Eval Interval	13da2-3L	27da2-3L	39da2-3L

Trt	Treatment	Form	Rate	Other	Other	Growth
No.	Name	Conc	Rate	Unit	Rate	Rate Unit Stage
LSD (P=.05)			8.0		15.0	13.1
Standard Deviation			5.5		10.3	9.0
CV			6.24		13.66	11.24

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

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Department of Agronomy and Environmental Management

Newpath/Permit Combinations

Trial ID: C06-53
 Location: RRS-Crowley, LA

Pest Code	ECHCG	ECHCG	ECHCG
Rating Date	25/May/2006	8/Jun/2006	20/Jun/2006
Rating Data Type	CONTROL	CONTROL	CONTROL
Rating Unit	%	%	%
Trt-Eval Interval	13da2-3L	27da2-3L	39da2-3L

Trt No.	Treatment Name	Form Conc	Rate	Unit	Other Rate	Other Rate	Growth Unit	Stage			
1	Command	3	0.3	lb ai/a	12.8	oz/a	PRE	89a	93a	89ab	
1	Newpath	2	0.0625	lb ai/a	4	oz/a	2-3 lf				
1	Permit	75	0	lb ai/a	0	oz/a	2-3 lf				
1	Agridex		1	% v/v	19.2	oz/a	2-3 lf				
2	Command	3	0.3	lb ai/a	12.8	oz/a	PRE	91a	93a	90a	
2	Newpath	2	0.0625	lb ai/a	4	oz/a	2-3 lf				
2	Permit	75	0.0117	lb ai/a	0.25	oz/a	2-3 lf				
2	Agridex		1	% v/v	19.2	oz/a	2-3 lf				
3	Command	3	0.3	lb ai/a	12.8	oz/a	PRE	90a	94a	90a	
3	Newpath	2	0.0625	lb ai/a	4	oz/a	2-3 lf				
3	Permit	75	0.0234	lb ai/a	0.5	oz/a	2-3 lf				
3	Agridex		1	% v/v	19.2	oz/a	2-3 lf				
4	Command	3	0.3	lb ai/a	12.8	oz/a	PRE	90a	94a	90a	
4	Newpath	2	0.0625	lb ai/a	4	oz/a	2-3 lf				
4	Permit	75	0.035	lb ai/a	0.75	oz/a	2-3 lf				
4	Agridex		1	% v/v	19.2	oz/a	2-3 lf				
5	Command	3	0.3	lb ai/a	12.8	oz/a	PRE	91a	95a	90a	
5	Newpath	2	0.0625	lb ai/a	4	oz/a	2-3 lf				
5	Permit	75	0.047	lb ai/a	1	oz/a	2-3 lf				
5	Agridex		1	% v/v	19.2	oz/a	2-3 lf				
6	Command	3	0.3	lb ai/a	12.8	oz/a	PRE	93a	94a	90a	
6	Newpath	2	0.094	lb ai/a	6	oz/a	2-3 lf				
6	Permit	75	0	lb ai/a	0	oz/a	2-3 lf				
6	Agridex		1	% v/v	19.2	oz/a	2-3 lf				
7	Command	3	0.3	lb ai/a	12.8	oz/a	PRE	91a	95a	90a	
7	Newpath	2	0.094	lb ai/a	6	oz/a	2-3 lf				
7	Permit	75	0.0117	lb ai/a	0.25	oz/a	2-3 lf				
7	Agridex		1	% v/v	19.2	oz/a	2-3 lf				
8	Command	3	0.3	lb ai/a	12.8	oz/a	PRE	91a	94a	90a	
8	Newpath	2	0.094	lb ai/a	6	oz/a	2-3 lf				
8	Permit	75	0.0234	lb ai/a	0.5	oz/a	2-3 lf				
8	Agridex		1	% v/v	19.2	oz/a	2-3 lf				
9	Command	3	0.3	lb ai/a	12.8	oz/a	PRE	91a	93a	90a	
9	Newpath	2	0.094	lb ai/a	6	oz/a	2-3 lf				
9	Permit	75	0.035	lb ai/a	0.75	oz/a	2-3 lf				
9	Agridex		1	% v/v	19.2	oz/a	2-3 lf				
10	Command	3	0.3	lb ai/a	12.8	oz/a	PRE	93a	93a	86b	
10	Newpath	2	0.094	lb ai/a	6	oz/a	2-3 lf				
10	Permit	75	0.047	lb ai/a	1	oz/a	2-3 lf				
10	Agridex		1	% v/v	19.2	oz/a	2-3 lf				

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Pest Code	ECHCG	ECHCG	ECHCG
Rating Date	25/May/2006	8/Jun/2006	20/Jun/2006
Rating Data Type	CONTROL	CONTROL	CONTROL
Rating Unit	%	%	%
Trt-Eval Interval	13da2-3L	27da2-3L	39da2-3L

Trt No.	Treatment Name	Form Conc	Rate	Other Rate	Other Rate	Growth Unit	Stage
LSD (P=.05)			4.1	3.6	3.7		
Standard Deviation			2.8	2.5	2.5		
CV			3.12	2.68	2.82		

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

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Department of Agronomy and Environmental Management

Newpath/Permit Combinations

Trial ID: C06-53
 Location: RRS-Crowley, LA

Pest Code	CYPES	CYPES	CYPES
Rating Date	25/May/2006	8/Jun/2006	20/Jun/2006
Rating Data Type	CONTROL	CONTROL	CONTROL
Rating Unit	%	%	%
Trt-Eval Interval	13da2-3L	27da2-3L	39da2-3L

Trt No.	Treatment Name	Form Conc	Rate	Other Unit	Other Rate	Other Unit	Growth Stage			
1	Command	3	0.3	lb ai/a	12.8	oz/a	PRE	66c	79b	89a
1	Newpath	2	0.0625	lb ai/a	4	oz/a	2-3 lf			
1	Permit	75	0	lb ai/a	0	oz/a	2-3 lf			
1	Agridex		1	% v/v	19.2	oz/a	2-3 lf			
2	Command	3	0.3	lb ai/a	12.8	oz/a	PRE	80ab	84ab	90a
2	Newpath	2	0.0625	lb ai/a	4	oz/a	2-3 lf			
2	Permit	75	0.0117	lb ai/a	0.25	oz/a	2-3 lf			
2	Agridex		1	% v/v	19.2	oz/a	2-3 lf			
3	Command	3	0.3	lb ai/a	12.8	oz/a	PRE	85a	91ab	90a
3	Newpath	2	0.0625	lb ai/a	4	oz/a	2-3 lf			
3	Permit	75	0.0234	lb ai/a	0.5	oz/a	2-3 lf			
3	Agridex		1	% v/v	19.2	oz/a	2-3 lf			
4	Command	3	0.3	lb ai/a	12.8	oz/a	PRE	83ab	93ab	90a
4	Newpath	2	0.0625	lb ai/a	4	oz/a	2-3 lf			
4	Permit	75	0.035	lb ai/a	0.75	oz/a	2-3 lf			
4	Agridex		1	% v/v	19.2	oz/a	2-3 lf			
5	Command	3	0.3	lb ai/a	12.8	oz/a	PRE	86a	94a	90a
5	Newpath	2	0.0625	lb ai/a	4	oz/a	2-3 lf			
5	Permit	75	0.047	lb ai/a	1	oz/a	2-3 lf			
5	Agridex		1	% v/v	19.2	oz/a	2-3 lf			
6	Command	3	0.3	lb ai/a	12.8	oz/a	PRE	73bc	81ab	90a
6	Newpath	2	0.094	lb ai/a	6	oz/a	2-3 lf			
6	Permit	75	0	lb ai/a	0	oz/a	2-3 lf			
6	Agridex		1	% v/v	19.2	oz/a	2-3 lf			
7	Command	3	0.3	lb ai/a	12.8	oz/a	PRE	85a	93ab	90a
7	Newpath	2	0.094	lb ai/a	6	oz/a	2-3 lf			
7	Permit	75	0.0117	lb ai/a	0.25	oz/a	2-3 lf			
7	Agridex		1	% v/v	19.2	oz/a	2-3 lf			
8	Command	3	0.3	lb ai/a	12.8	oz/a	PRE	83ab	91ab	88a
8	Newpath	2	0.094	lb ai/a	6	oz/a	2-3 lf			
8	Permit	75	0.0234	lb ai/a	0.5	oz/a	2-3 lf			
8	Agridex		1	% v/v	19.2	oz/a	2-3 lf			
9	Command	3	0.3	lb ai/a	12.8	oz/a	PRE	85a	90ab	90a
9	Newpath	2	0.094	lb ai/a	6	oz/a	2-3 lf			
9	Permit	75	0.035	lb ai/a	0.75	oz/a	2-3 lf			
9	Agridex		1	% v/v	19.2	oz/a	2-3 lf			
10	Command	3	0.3	lb ai/a	12.8	oz/a	PRE	84ab	91ab	88a
10	Newpath	2	0.094	lb ai/a	6	oz/a	2-3 lf			
10	Permit	75	0.047	lb ai/a	1	oz/a	2-3 lf			
10	Agridex		1	% v/v	19.2	oz/a	2-3 lf			

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Pest Code	CYPES	CYPES	CYPES
Rating Date	25/May/2006	8/Jun/2006	20/Jun/2006
Rating Data Type	CONTROL	CONTROL	CONTROL
Rating Unit	%	%	%
Trt-Eval Interval	13da2-3L	27da2-3L	39da2-3L

Trt No.	Treatment Name	Form Conc	Rate	Other Rate	Other Rate	Growth Unit	Stage
LSD (P=.05)			12.4	14.5	3.6		
Standard Deviation			8.5	10.0	2.4		
CV			10.56	11.26	2.74		

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

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Department of Agronomy and Environmental Management

Newpath/Permit Combinations

Trial ID: C06-53
 Location: RRS-Crowley, LA

Pest Code	RICE	RICE	RICE
Rating Date	25/May/2006	8/Jun/2006	20/Jun/2006
Rating Data Type	INJURY	INJURY	INJURY
Rating Unit	%	%	%
Trt-Eval Interval	13da2-3L	27da2-3L	39da2-3L

Trt No.	Treatment Name	Form Conc	Rate	Other Unit	Other Rate	Other Unit	Growth Stage			
1	Command	3	0.3	lb ai/a	12.8	oz/a	PRE	0a	0a	0a
1	Newpath	2	0.0625	lb ai/a	4	oz/a	2-3 lf			
1	Permit	75	0	lb ai/a	0	oz/a	2-3 lf			
1	Agridex		1	% v/v	19.2	oz/a	2-3 lf			
2	Command	3	0.3	lb ai/a	12.8	oz/a	PRE	0a	0a	0a
2	Newpath	2	0.0625	lb ai/a	4	oz/a	2-3 lf			
2	Permit	75	0.0117	lb ai/a	0.25	oz/a	2-3 lf			
2	Agridex		1	% v/v	19.2	oz/a	2-3 lf			
3	Command	3	0.3	lb ai/a	12.8	oz/a	PRE	0a	0a	0a
3	Newpath	2	0.0625	lb ai/a	4	oz/a	2-3 lf			
3	Permit	75	0.0234	lb ai/a	0.5	oz/a	2-3 lf			
3	Agridex		1	% v/v	19.2	oz/a	2-3 lf			
4	Command	3	0.3	lb ai/a	12.8	oz/a	PRE	0a	0a	0a
4	Newpath	2	0.0625	lb ai/a	4	oz/a	2-3 lf			
4	Permit	75	0.035	lb ai/a	0.75	oz/a	2-3 lf			
4	Agridex		1	% v/v	19.2	oz/a	2-3 lf			
5	Command	3	0.3	lb ai/a	12.8	oz/a	PRE	0a	0a	0a
5	Newpath	2	0.0625	lb ai/a	4	oz/a	2-3 lf			
5	Permit	75	0.047	lb ai/a	1	oz/a	2-3 lf			
5	Agridex		1	% v/v	19.2	oz/a	2-3 lf			
6	Command	3	0.3	lb ai/a	12.8	oz/a	PRE	0a	0a	0a
6	Newpath	2	0.094	lb ai/a	6	oz/a	2-3 lf			
6	Permit	75	0	lb ai/a	0	oz/a	2-3 lf			
6	Agridex		1	% v/v	19.2	oz/a	2-3 lf			
7	Command	3	0.3	lb ai/a	12.8	oz/a	PRE	0a	0a	0a
7	Newpath	2	0.094	lb ai/a	6	oz/a	2-3 lf			
7	Permit	75	0.0117	lb ai/a	0.25	oz/a	2-3 lf			
7	Agridex		1	% v/v	19.2	oz/a	2-3 lf			
8	Command	3	0.3	lb ai/a	12.8	oz/a	PRE	0a	0a	0a
8	Newpath	2	0.094	lb ai/a	6	oz/a	2-3 lf			
8	Permit	75	0.0234	lb ai/a	0.5	oz/a	2-3 lf			
8	Agridex		1	% v/v	19.2	oz/a	2-3 lf			
9	Command	3	0.3	lb ai/a	12.8	oz/a	PRE	0a	0a	0a
9	Newpath	2	0.094	lb ai/a	6	oz/a	2-3 lf			
9	Permit	75	0.035	lb ai/a	0.75	oz/a	2-3 lf			
9	Agridex		1	% v/v	19.2	oz/a	2-3 lf			
10	Command	3	0.3	lb ai/a	12.8	oz/a	PRE	0a	0a	0a
10	Newpath	2	0.094	lb ai/a	6	oz/a	2-3 lf			
10	Permit	75	0.047	lb ai/a	1	oz/a	2-3 lf			
10	Agridex		1	% v/v	19.2	oz/a	2-3 lf			

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Pest Code	RICE	RICE	RICE
Rating Date	25/May/2006	8/Jun/2006	20/Jun/2006
Rating Data Type	INJURY	INJURY	INJURY
Rating Unit	%	%	%
Trt-Eval Interval	13da2-3L	27da2-3L	39da2-3L

Trt No.	Treatment Name	Form Conc	Rate	Other Rate	Other Rate	Growth Unit	Stage
LSD (P=.05)			0.0	0.0	0.0		
Standard Deviation			0.0	0.0	0.0		
CV			0.0	0.0	0.0		

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

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Department of Agronomy and Environmental Management

Ricestar/Newpath Combinations

Experiment number.....: **C06-54**
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: 04/18/06
Harvest date.....: N/A
Crop/Variety: Rice/CL161
Emergence date.....: 05/01/06
Uniform std. treatment.....: N/A

Application type.....: 3-4 lf
Date applied [mm/dd/yy] ...: 5/22/06
Time [hh:mm-hh:mm].....: 12:40-12:50 p
Incorporation equip./Depth: N/A
Air/Soil temperature [F]: 87/80
Relative humidity [%].....: 50
Wind [mph, direction]: 1-3 E
Weather [sunny, etc]: pt cloudy
Soil/Leaf surface moist.....: wet/dry
Crop stage/Height: 4 lf-2 till/4-6"
Sprayer type/MPH.....: CO₂BkPk/3.0
Nozzle type/Size: AMFF/110015
Boom ht/# Noz/Spacing ...: 18"/5/15"
GPA/PSI.....: 15/18
Applied by: Zhang

Weed Species (population) :-(height/#leaves)-
ORYSA (60-70 m⁻²): 4-6"/3 lf- 1 till
ECLAL (20-30 m⁻²): 1-3"/3-8 lf
CYPES (30-40 m⁻²): 6-8"/6-8 lf
CYPIR (80-100 m⁻²): 0.5-1"/3-5 lf
ECHCG (20-30 m⁻²): 0.5-3"/ 2-5 lf
LEFPA (25-30 m⁻²): 0.5-3"/2-5 lf

Flush Dates.....: 4/20,5/18
Permanent Flood: 6/1

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Ricestar/Newpath Combinations

Trial ID: C06-54
 Location: RRS-Crowley, LA

Pest Code	Rating Date	Rating Data Type	Rating Unit	Trt-Eval Interval	ORYSA 8/Jun/2006 CONTROL %	ORYSA 20/Jun/2006 CONTROL %	ECHCG 8/Jun/2006 CONTROL %	ECHCG 20/Jun/2006 CONTROL %	LEFPA 8/Jun/2006 CONTROL %			
Trt No.	Treatment Name	Form Conc	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	16da3-4L	29da3-4L	16da3-4L	29da3-4L	16da3-4L
1	No Newpath							0c	0d	0e	0f	0d
1	No Ricestar HT											
2	No Newpath							0c	44bc	0e	48de	0d
2	Ricestar HT	0.58	0.077	lb ai/a	17	oz/a	3-4 LF					
3	No Newpath							0c	35c	0e	33e	0d
3	Ricestar HT	0.58	0.1	lb ai/a	22	oz/a	3-4 LF					
4	No Newpath							0c	46bc	0e	65cd	0d
4	Ricestar HT	0.58	0.109	lb ai/a	24	oz/a	3-4 LF					
5	Newpath	2	0.0625	lb ai/a	4	oz/a	3-4 LF	78b	53b	60d	55cd	63c
5	Agridex		1	% v/v	19.2	oz/a	3-4 LF					
5	No Ricestar HT											
6	Newpath	2	0.0625	lb ai/a	4	oz/a	3-4 LF	85a	80a	68cd	84a	70c
6	Agridex		1	% v/v	19.2	oz/a	3-4 LF					
6	Ricestar HT	0.58	0.077	lb ai/a	17	oz/a	3-4 LF					
7	Newpath	2	0.0625	lb ai/a	4	oz/a	3-4 LF	90a	78a	74bc	85a	73bc
7	Agridex		1	% v/v	19.2	oz/a	3-4 LF					
7	Ricestar HT	0.58	0.1	lb ai/a	22	oz/a	3-4 LF					
8	Newpath	2	0.0625	lb ai/a	4	oz/a	3-4 LF	90a	78a	78abc	75ab	84ab
8	Agridex		1	% v/v	19.2	oz/a	3-4 LF					
8	Ricestar HT	0.58	0.109	lb ai/a	24	oz/a	3-4 LF					
9	Newpath	2	0.094	lb ai/a	6	oz/a	3-4 LF	79b	83a	69cd	81ab	65c
9	Agridex		1	% v/v	19.2	oz/a	3-4 LF					
9	No Ricestar HT											
10	Newpath	2	0.094	lb ai/a	6	oz/a	3-4 LF	88a	81a	73bc	74ab	73bc
10	Agridex		1	% v/v	19.2	oz/a	3-4 LF					
10	Ricestar HT	0.58	0.077	lb ai/a	17	oz/a	3-4 LF					
11	Newpath	2	0.094	lb ai/a	6	oz/a	3-4 LF	90a	85a	83ab	73abc	85a
11	Agridex		1	% v/v	19.2	oz/a	3-4 LF					
11	Ricestar HT	0.58	0.1	lb ai/a	22	oz/a	3-4 LF					
12	Newpath	2	0.094	lb ai/a	6	oz/a	3-4 LF	90a	85a	85a	81ab	83ab
12	Agridex		1	% v/v	19.2	oz/a	3-4 LF					
12	Ricestar HT	0.58	0.109	lb ai/a	24	oz/a	3-4 LF					
LSD (P=.05)								5.5	14.4	10.3	18.6	11.5
Standard Deviation								3.8	10.0	7.1	12.9	8.0
CV								6.61	16.04	14.58	20.52	16.08

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

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Department of Agronomy and Environmental Management

Ricestar/Newpath Combinations

Trial ID: C06-54
Location: RRS-Crowley, LA

Pest Code		CYPES		CYPES		CYPPIR		CYPPIR			
Rating Date		8/Jun/2006		20/Jun/2006		8/Jun/2006		20/Jun/2006			
Rating Data Type		CONTROL		CONTROL		CONTROL		CONTROL			
Rating Unit		%		%		%		%			
Trt-Eval Interval		16da3-4L		29da3-4L		16da3-4L		29da3-4L			
Trt No.	Treatment Name	Form Conc	Rate	Other Rate	Other Rate	Growth Unit	Stage				
1	No Newpath							0e	0e	0d	0d
1	No Ricestar HT										
2	No Newpath							0e	20d	0d	20c
2	Ricestar HT	0.58	0.077	lb ai/a	17 oz/a		3-4 LF				
3	No Newpath							0e	20d	0d	33bc
3	Ricestar HT	0.58	0.1	lb ai/a	22 oz/a		3-4 LF				
4	No Newpath							0e	20d	0d	20c
4	Ricestar HT	0.58	0.109	lb ai/a	24 oz/a		3-4 LF				
5	Newpath	2	0.0625	lb ai/a	4 oz/a		3-4 LF	53c	40c	70c	40b
5	Agridex	1		% v/v	19.2 oz/a		3-4 LF				
5	No Ricestar HT										
6	Newpath	2	0.0625	lb ai/a	4 oz/a		3-4 LF	33d	84a	78bc	84a
6	Agridex	1		% v/v	19.2 oz/a		3-4 LF				
6	Ricestar HT	0.58	0.077	lb ai/a	17 oz/a		3-4 LF				
7	Newpath	2	0.0625	lb ai/a	4 oz/a		3-4 LF	25d	83ab	75bc	83a
7	Agridex	1		% v/v	19.2 oz/a		3-4 LF				
7	Ricestar HT	0.58	0.1	lb ai/a	22 oz/a		3-4 LF				
8	Newpath	2	0.0625	lb ai/a	4 oz/a		3-4 LF	50c	83ab	71bc	83a
8	Agridex	1		% v/v	19.2 oz/a		3-4 LF				
8	Ricestar HT	0.58	0.109	lb ai/a	24 oz/a		3-4 LF				
9	Newpath	2	0.094	lb ai/a	6 oz/a		3-4 LF	63bc	80ab	70c	80a
9	Agridex	1		% v/v	19.2 oz/a		3-4 LF				
9	No Ricestar HT										
10	Newpath	2	0.094	lb ai/a	6 oz/a		3-4 LF	70ab	79ab	88a	79a
10	Agridex	1		% v/v	19.2 oz/a		3-4 LF				
10	Ricestar HT	0.58	0.077	lb ai/a	17 oz/a		3-4 LF				
11	Newpath	2	0.094	lb ai/a	6 oz/a		3-4 LF	60bc	74b	80ab	74a
11	Agridex	1		% v/v	19.2 oz/a		3-4 LF				
11	Ricestar HT	0.58	0.1	lb ai/a	22 oz/a		3-4 LF				
12	Newpath	2	0.094	lb ai/a	6 oz/a		3-4 LF	78a	81ab	88a	81a
12	Ricestar HT	0.58	0.109	lb ai/a	24 oz/a		3-4 LF				
LSD (P=.05)								14.4	9.0	9.7	14.4
Standard Deviation								10.0	6.2	6.7	10.0
CV								27.84	11.29	13.08	17.7
Means followed by same letter do not significantly differ (P=.05, LSD)											

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Ricestar/Newpath Combinations

Trial ID: C06-54
 Location: RRS-Crowley, LA

Pest Code	RICE	RICE
Rating Date	8/Jun/2006	20/Jun/2006
Rating Data Type	INJURY	INJURY
Rating Unit	%	%
Trt-Eval Interval	16da3-4L	29da3-4L

Trt No.	Treatment Name	Form Conc	Rate Rate	Other Rate	Other Rate	Growth Unit	Stage	RICE	RICE
1	No Newpath							0a	0a
1	No Ricestar HT								
2	No Newpath							0a	0a
2	Ricestar HT	0.58	0.077	lb ai/a	17	oz/a	3-4 LF		
3	No Newpath							0a	0a
3	Ricestar HT	0.58	0.1	lb ai/a	22	oz/a	3-4 LF		
4	No Newpath							0a	0a
4	Ricestar HT	0.58	0.109	lb ai/a	24	oz/a	3-4 LF		
5	Newpath	2	0.0625	lb ai/a	4	oz/a	3-4 LF	0a	0a
5	Agridex	1		% v/v	19.2	oz/a	3-4 LF		
5	No Ricestar HT								
6	Newpath	2	0.0625	lb ai/a	4	oz/a	3-4 LF	0a	0a
6	Agridex	1		% v/v	19.2	oz/a	3-4 LF		
6	Ricestar HT	0.58	0.077	lb ai/a	17	oz/a	3-4 LF		
7	Newpath	2	0.0625	lb ai/a	4	oz/a	3-4 LF	0a	0a
7	Agridex	1		% v/v	19.2	oz/a	3-4 LF		
7	Ricestar HT	0.58	0.1	lb ai/a	22	oz/a	3-4 LF		
8	Newpath	2	0.0625	lb ai/a	4	oz/a	3-4 LF	0a	0a
8	Agridex	1		% v/v	19.2	oz/a	3-4 LF		
8	Ricestar HT	0.58	0.109	lb ai/a	24	oz/a	3-4 LF		
9	Newpath	2	0.094	lb ai/a	6	oz/a	3-4 LF	0a	0a
9	Agridex	1		% v/v	19.2	oz/a	3-4 LF		
9	No Ricestar HT								
10	Newpath	2	0.094	lb ai/a	6	oz/a	3-4 LF	0a	0a
10	Agridex	1		% v/v	19.2	oz/a	3-4 LF		
10	Ricestar HT	0.58	0.077	lb ai/a	17	oz/a	3-4 LF		
11	Newpath	2	0.094	lb ai/a	6	oz/a	3-4 LF	0a	0a
11	Agridex	1		% v/v	19.2	oz/a	3-4 LF		
11	Ricestar HT	0.58	0.1	lb ai/a	22	oz/a	3-4 LF		
12	Newpath	2	0.094	lb ai/a	6	oz/a	3-4 LF	0a	0a
12	Agridex	1		% v/v	19.2	oz/a	3-4 LF		
12	Ricestar HT	0.58	0.109	lb ai/a	24	oz/a	3-4 LF		

LSD (P=.05)	0.0	0.0
Standard Deviation	0.0	0.0
CV	0.0	0.0

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

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Weed Control Programs with Ricestar HT

Experiment number.....: **C06-55**
 Location: RRS-Crowley, LA
 Experimental design.....: RCB
 Number of reps: 4
 Plot size: 5'x17'
 Row width/# per plot.....: 7.5"/8
 Soil type: Crowley silt loam (3% sand, 69% silt, 28% clay)
 % OM.....: 1.4
 pH: 6.4
 CEC: 19.1
 Planting date.....: 04/03/06
 Harvest date.....: 08/14/06
 Crop/Variety: Rice/Trenasse
 Emergence date.....: 04/14/06
 Uniform std. treatment.....: N/A

Application type.....:	PRE	3-4 lf
Date applied [mm/dd/yy] ..:	04/04/06	5/9/06
Time [hh:mm-hh:mm]	2:40-2:45p	9:30-9:45a
Incorporation equip./Depth:	N/A	N/A
Air/Soil temperature [F]	86/77	82/78
Relative humidity [%].....:	36	80
Wind [mph, direction]	2-3 SE	8-10 S
Weather [sunny, etc]	sunny	pt cloudy
Soil/Leaf surface moist.....:	dry/NA	moist/dry
Crop stage/Height	NA"	3-4 lf/3-6"
Sprayer type/MPH.....:	CO ₂ BkPk/3.0	CO ₂ BkPk/3.0
Nozzle type/Size	AMFF/110015	AMFF/110015
Boom ht/# Noz/Spacing ...:	15"/5/15"	18"/5/15"
GPA/PSI.....:	15/26	15/15
Applied by	Webster	Webster

Weed Species (population):	-----	(height/#leaves)	-----
BRAPP (40-50 m ⁻²)		1-6"/2 lf-2 till	
LEFPA (25-30 m ⁻²)		0.5-4"/ 2 lf- 2 till	
CYPIR (50-70 m ⁻²)		1-2"/1-2 lf	
ALRPH (2-4 m ⁻²)		2-12"/4-40 lf	
ECHCG (20-25 m ⁻²)		1-4"/2 lf- 2 till	

Flush Dates.....: 4/5,4/20,5/18
 Permanent Flood: 6/1

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Weed Control Programs with Ricestar HT

Trial ID: C06-55
 Location: RRS-Crowley, LA

Pest Code	ECHCG	ECHCG	ECHCG
Rating Date	25/May/2006	5/Jun/2006	20/Jun/2006
Rating Data Type	CONTROL	CONTROL	CONTROL
Rating Unit	%	%	%
Trt-Eval Interval	16da3-4L	27da3-4L	42da3-4L

Trt No.	Treatment Name	Form Conc	Rate	Other Rate	Other Rate	Growth Stage			
1	Nontreated					0b	0c	0e	
2	Ricestar HT	0.58	0.077	lb ai/a	17 oz/a	3-4 LF 96a	83b	53d	
3	Ricestar HT	0.58	0.109	lb ai/a	24 oz/a	3-4 LF 97a	88ab	65c	
4	Command	3	0.3	lb ai/a	12.8 oz/a	PRE 96a	90a	89ab	
4	Ricestar HT	0.58	0.077	lb ai/a	17 oz/a	3-4 LF			
5	Command	3	0.3	lb ai/a	12.8 oz/a	PRE 98a	90a	90a	
5	Ricestar HT	0.58	0.109	lb ai/a	24 oz/a	3-4 LF			
6	Command	3	0.3	lb ai/a	12.8 oz/a	3-4 LF 95a	88ab	83ab	
6	Ricestar HT	0.58	0.077	lb ai/a	17 oz/a	3-4 LF			
7	Command	3	0.3	lb ai/a	12.8 oz/a	3-4 LF 98a	88ab	80b	
7	Ricestar HT	0.58	0.077	lb ai/a	17 oz/a	3-4 LF			
7	Aim	2	0.0156	lb ai/a	1 oz/a	3-4 LF			
8	Command	3	0.3	lb ai/a	12.8 oz/a	3-4 LF 98a	90a	85ab	
8	Ricestar HT	0.58	0.109	lb ai/a	24 oz/a	3-4 LF			
9	Command	3	0.3	lb ai/a	12.8 oz/a	3-4 LF 97a	90a	87ab	
9	Ricestar HT	0.58	0.109	lb ai/a	24 oz/a	3-4 LF			
9	Aim	2	0.0156	lb ai/a	1 oz/a	3-4 LF			
LSD (P=.05)							2.8	6.3	9.0
Standard Deviation							1.9	4.3	6.2
CV							2.23	5.49	8.8

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

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Weed Control Programs with Ricestar HT

Trial ID: C06-55
 Location: RRS-Crowley, LA

Pest Code	BRAPP	BRAPP	BRAPP
Rating Date	25/May/2006	5/Jun/2006	20/Jun/2006
Rating Data Type	CONTROL	CONTROL	CONTROL
Rating Unit	%	%	%
Trt-Eval Interval	16da3-4L	27da3-4L	42da3-4L

Trt No.	Treatment Name	Form Conc	Rate	Other Rate	Other Rate	Growth Stage			
1	Nontreated					0b	0b	0d	
2	Ricestar HT	0.58	0.077	lb ai/a	17 oz/a	3-4 LF 97a	88a	78bc	
3	Ricestar HT	0.58	0.109	lb ai/a	24 oz/a	3-4 LF 98a	88a	68c	
4	Command	3	0.3	lb ai/a	12.8 oz/a	PRE 96a	90a	88ab	
4	Ricestar HT	0.58	0.077	lb ai/a	17 oz/a	3-4 LF			
5	Command	3	0.3	lb ai/a	12.8 oz/a	PRE 97a	90a	90a	
5	Ricestar HT	0.58	0.109	lb ai/a	24 oz/a	3-4 LF			
6	Command	3	0.3	lb ai/a	12.8 oz/a	3-4 LF 98a	90a	88ab	
6	Ricestar HT	0.58	0.077	lb ai/a	17 oz/a	3-4 LF			
7	Command	3	0.3	lb ai/a	12.8 oz/a	3-4 LF 98a	90a	83ab	
7	Ricestar HT	0.58	0.077	lb ai/a	17 oz/a	3-4 LF			
7	Aim	2	0.0156	lb ai/a	1 oz/a	3-4 LF			
8	Command	3	0.3	lb ai/a	12.8 oz/a	3-4 LF 98a	90a	88ab	
8	Ricestar HT	0.58	0.109	lb ai/a	24 oz/a	3-4 LF			
9	Command	3	0.3	lb ai/a	12.8 oz/a	3-4 LF 98a	90a	90a	
9	Ricestar HT	0.58	0.109	lb ai/a	24 oz/a	3-4 LF			
9	Aim	2	0.0156	lb ai/a	1 oz/a	3-4 LF			
LSD (P=.05)							2.2	3.5	10.4
Standard Deviation							1.5	2.4	7.2
CV							1.71	3.03	9.61

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

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Weed Control Programs with Ricestar HT

Trial ID: C06-55
 Location: RRS-Crowley, LA

Pest Code	LEFPA	LEFPA	LEFPA
Rating Date	25/May/2006	5/Jun/2006	20/Jun/2006
Rating Data Type	CONTROL	CONTROL	CONTROL
Rating Unit	%	%	%
Trt-Eval Interval	16da3-4L	27da3-4L	42da3-4L

Trt No.	Treatment Name	Form Conc	Rate	Other Rate	Other Rate	Growth Unit Stage	96ab	83b	50c
1	Nontreated					0c	0c	0d	
2	Ricestar HT	0.58	0.077	lb ai/a 17	oz/a	3-4 LF	96ab	83b	50c
3	Ricestar HT	0.58	0.109	lb ai/a 24	oz/a	3-4 LF	98a	84b	55c
4	Command	3	0.3	lb ai/a 12.8	oz/a	PRE	95b	90a	89ab
4	Ricestar HT	0.58	0.077	lb ai/a 17	oz/a	3-4 LF			
5	Command	3	0.3	lb ai/a 12.8	oz/a	PRE	98a	85ab	90a
5	Ricestar HT	0.58	0.109	lb ai/a 24	oz/a	3-4 LF			
6	Command	3	0.3	lb ai/a 12.8	oz/a	3-4 LF	96ab	85ab	81b
6	Ricestar HT	0.58	0.077	lb ai/a 17	oz/a	3-4 LF			
7	Command	3	0.3	lb ai/a 12.8	oz/a	3-4 LF	97ab	90a	83ab
7	Ricestar HT	0.58	0.077	lb ai/a 17	oz/a	3-4 LF			
7	Aim	2	0.0156	lb ai/a 1	oz/a	3-4 LF			
8	Command	3	0.3	lb ai/a 12.8	oz/a	3-4 LF	98a	88ab	88ab
8	Ricestar HT	0.58	0.109	lb ai/a 24	oz/a	3-4 LF			
9	Command	3	0.3	lb ai/a 12.8	oz/a	3-4 LF	98a	90a	88ab
9	Ricestar HT	0.58	0.109	lb ai/a 24	oz/a	3-4 LF			
9	Aim	2	0.0156	lb ai/a 1	oz/a	3-4 LF			
LSD (P=.05)							2.6	5.6	8.7
Standard Deviation							1.8	3.8	6.0
CV							2.04	4.99	8.63

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

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Weed Control Programs with Ricestar HT

Trial ID: C06-55
 Location: RRS-Crowley, LA

Pest Code						CYPIR	CYPIR	CYPIR
Rating Date						25/May/2006	5/Jun/2006	20/Jun/2006
Rating Data Type						CONTROL	CONTROL	CONTROL
Rating Unit						%	%	%
Trt-Eval Interval						16da3-4L	27da3-4L	42da3-4L
Trt No.	Treatment Name	Form Conc	Rate	Other Rate	Other Rate	Growth Unit	Stage	
1	Nontreated					0b	0d	0c
2	Ricestar HT	0.58	0.077	lb ai/a	17 oz/a	3-4 LF	0b	35c
								33b
3	Ricestar HT	0.58	0.109	lb ai/a	24 oz/a	3-4 LF	0b	38c
								30b
4	Command	3	0.3	lb ai/a	12.8 oz/a	PRE	40a	53ab
4	Ricestar HT	0.58	0.077	lb ai/a	17 oz/a	3-4 LF		33b
5	Command	3	0.3	lb ai/a	12.8 oz/a	PRE	50a	43bc
5	Ricestar HT	0.58	0.109	lb ai/a	24 oz/a	3-4 LF		28b
6	Command	3	0.3	lb ai/a	12.8 oz/a	3-4 LF	35a	35c
6	Ricestar HT	0.58	0.077	lb ai/a	17 oz/a	3-4 LF		30b
7	Command	3	0.3	lb ai/a	12.8 oz/a	3-4 LF	40a	53ab
7	Ricestar HT	0.58	0.077	lb ai/a	17 oz/a	3-4 LF		35b
7	Aim	2	0.0156	lb ai/a	1 oz/a	3-4 LF		
8	Command	3	0.3	lb ai/a	12.8 oz/a	3-4 LF	0b	60a
8	Ricestar HT	0.58	0.109	lb ai/a	24 oz/a	3-4 LF		55a
9	Command	3	0.3	lb ai/a	12.8 oz/a	3-4 LF	33a	60a
9	Ricestar HT	0.58	0.109	lb ai/a	24 oz/a	3-4 LF		33b
9	Aim	2	0.0156	lb ai/a	1 oz/a	3-4 LF		
LSD (P=.05)						17.6	14.9	17.4
Standard Deviation						12.1	10.2	11.9
CV						55.03	24.55	39.08

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

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Department of Agronomy and Environmental Management

Weed Control Programs with Ricestar HT

Trial ID: C06-55
 Location: RRS-Crowley, LA

Pest Code	ALRPH	ALRPH	ALRPH
Rating Date	25/May/2006	5/Jun/2006	20/Jun/2006
Rating Data Type	CONTROL	CONTROL	CONTROL
Rating Unit	%	%	%
Trt-Eval Interval	16da3-4L	27da3-4L	42da3-4L

Trt No.	Treatment Name	Form Conc	Rate	Other Rate	Other Rate	Growth Stage			
1	Nontreated					0c		0e	0c
2	Ricestar HT	0.58	0.077	lb ai/a	17 oz/a	3-4 LF	0c	38cd	33ab
3	Ricestar HT	0.58	0.109	lb ai/a	24 oz/a	3-4 LF	0c	38cd	43ab
4	Command	3	0.3	lb ai/a	12.8 oz/a	PRE	0c	50bc	38ab
4	Ricestar HT	0.58	0.077	lb ai/a	17 oz/a	3-4 LF			
5	Command	3	0.3	lb ai/a	12.8 oz/a	PRE	0c	28d	28b
5	Ricestar HT	0.58	0.109	lb ai/a	24 oz/a	3-4 LF			
6	Command	3	0.3	lb ai/a	12.8 oz/a	3-4 LF	0c	43cd	30b
6	Ricestar HT	0.58	0.077	lb ai/a	17 oz/a	3-4 LF			
7	Command	3	0.3	lb ai/a	12.8 oz/a	3-4 LF	25b	53abc	40ab
7	Ricestar HT	0.58	0.077	lb ai/a	17 oz/a	3-4 LF			
7	Aim	2	0.0156	lb ai/a	1 oz/a	3-4 LF			
8	Command	3	0.3	lb ai/a	12.8 oz/a	3-4 LF	0c	60ab	48a
8	Ricestar HT	0.58	0.109	lb ai/a	24 oz/a	3-4 LF			
9	Command	3	0.3	lb ai/a	12.8 oz/a	3-4 LF	30a	68a	38ab
9	Ricestar HT	0.58	0.109	lb ai/a	24 oz/a	3-4 LF			
9	Aim	2	0.0156	lb ai/a	1 oz/a	3-4 LF			
LSD (P=.05)							2.8	16.3	16.2
Standard Deviation							1.9	11.2	11.1
CV							31.49	26.81	33.82

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

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Department of Agronomy and Environmental Management

Weed Control Programs with Ricestar HT

Trial ID: C06-55
 Location: RRS-Crowley, LA

Pest Code	RICE	RICE	RICE
Rating Date	25/May/2006	5/Jun/2006	20/Jun/2006
Rating Data Type	INJURY	INJURY	INJURY
Rating Unit	%	%	%
Trt-Eval Interval	16da3-4L	27da3-4L	42da3-4L

Trt No.	Treatment Name	Form Conc	Rate	Other Rate	Other Rate	Growth Stage	0a	0a	0a
1	Nontreated					0a	0a	0a	
2	Ricestar HT	0.58	0.077	lb ai/a 17	oz/a	3-4 LF 0a	0a	0a	0a
3	Ricestar HT	0.58	0.109	lb ai/a 24	oz/a	3-4 LF 0a	0a	0a	0a
4	Command	3	0.3	lb ai/a 12.8	oz/a	PRE 0a	0a	0a	0a
4	Ricestar HT	0.58	0.077	lb ai/a 17	oz/a	3-4 LF			
5	Command	3	0.3	lb ai/a 12.8	oz/a	PRE 0a	0a	0a	0a
5	Ricestar HT	0.58	0.109	lb ai/a 24	oz/a	3-4 LF			
6	Command	3	0.3	lb ai/a 12.8	oz/a	3-4 LF 0a	0a	0a	0a
6	Ricestar HT	0.58	0.077	lb ai/a 17	oz/a	3-4 LF			
7	Command	3	0.3	lb ai/a 12.8	oz/a	3-4 LF 0a	0a	0a	0a
7	Ricestar HT	0.58	0.077	lb ai/a 17	oz/a	3-4 LF			
7	Aim	2	0.0156	lb ai/a 1	oz/a	3-4 LF			
8	Command	3	0.3	lb ai/a 12.8	oz/a	3-4 LF 0a	0a	0a	0a
8	Ricestar HT	0.58	0.109	lb ai/a 24	oz/a	3-4 LF			
9	Command	3	0.3	lb ai/a 12.8	oz/a	3-4 LF 0a	0a	0a	0a
9	Ricestar HT	0.58	0.109	lb ai/a 24	oz/a	3-4 LF			
9	Aim	2	0.0156	lb ai/a 1	oz/a	3-4 LF			
LSD (P=.05)							0.0	0.0	0.0
Standard Deviation							0.0	0.0	0.0
CV							0.0	0.0	0.0

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

LSU AgCenter

Department of Agronomy and Environmental Management

Weed Control Programs with Ricestar HT

Trial ID: C06-55
 Location: RRS-Crowley, LA

Pest Code	RICE	RICE	RICE
Rating Date	14/Aug/2006	14/Aug/2006	14/Aug/2006
Rating Data Type	Avg Height	YIELD	YIELD
Rating Unit	cm	Bu/A	lb/A
Trt-Eval Interval	maturity		

Trt No.	Treatment Name	Form Conc	Rate	Other Rate	Other Rate	Growth Stage	RICE 14/Aug/2006 Avg Height cm maturity	RICE 14/Aug/2006 YIELD Bu/A	RICE 14/Aug/2006 YIELD lb/A
1	Nontreated					0b	0d	0d	
2	Ricestar HT	0.58	0.077	lb ai/a 17	oz/a	3-4 LF 93a	41c	1841c	
3	Ricestar HT	0.58	0.109	lb ai/a 24	oz/a	3-4 LF 94a	49bc	2184bc	
4	Command	3	0.3	lb ai/a 12.8	oz/a	PRE 99a	88a	3959a	
4	Ricestar HT	0.58	0.077	lb ai/a 17	oz/a	3-4 LF			
5	Command	3	0.3	lb ai/a 12.8	oz/a	PRE 96a	81a	3663a	
5	Ricestar HT	0.58	0.109	lb ai/a 24	oz/a	3-4 LF			
6	Command	3	0.3	lb ai/a 12.8	oz/a	3-4 LF 97a	71ab	3185ab	
6	Ricestar HT	0.58	0.077	lb ai/a 17	oz/a	3-4 LF			
7	Command	3	0.3	lb ai/a 12.8	oz/a	3-4 LF 95a	89a	4001a	
7	Ricestar HT	0.58	0.077	lb ai/a 17	oz/a	3-4 LF			
7	Aim	2	0.0156	lb ai/a 1	oz/a	3-4 LF			
8	Command	3	0.3	lb ai/a 12.8	oz/a	3-4 LF 95a	78a	3523a	
8	Ricestar HT	0.58	0.109	lb ai/a 24	oz/a	3-4 LF			
9	Command	3	0.3	lb ai/a 12.8	oz/a	3-4 LF 95a	92a	4153a	
9	Ricestar HT	0.58	0.109	lb ai/a 24	oz/a	3-4 LF			
9	Aim	2	0.0156	lb ai/a 1	oz/a	3-4 LF			
LSD (P=.05)							8.9	22.8	1027.0
Standard Deviation							6.1	15.6	703.7
CV							7.17	23.89	23.89

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

LSU AgCenter

Department of Agronomy and Environmental Management

Evaluation of Top Gun Rice Herbicide

Experiment number.....: **C06-58**
 Location: RRS-Crowley, LA
 Experimental design.....: RCB
 Number of reps: 4
 Plot size: 5'x17'
 Row width/# per plot.....: 7.5"/8
 Soil type: Crowley silt loam (3% sand, 69% silt, 28% clay)
 % OM: 1.4
 pH: 6.4
 CEC: 19.1
 Planting date: 05/15/06
 Harvest date.....: N/A
 Crop/Variety: Rice/Trenasse
 Emergence date.....: 05/22/06
 Uniform std. treatment.....: N/A

Application type.....:	PRE	DPRE	OVERSPRAY
Date applied [mm/dd/yy] ...:	5/16/06	5/24/06	6/05/06
Time [hh:mm-hh:mm].....:	11:30-11:45a	10:45-10:55a	11:45-11:00a
Incorporation equip./Depth:	N/A	N/A	N/A
Air/Soil temperature [F]	78/78	84/81	89/87
Relative humidity [%].....:	48	58	50
Wind [mph, direction]	4-6 WNW	3-4 SW	2-3 N
Weather [sunny, etc]	sunny	pt cloudy	sunny
Soil/Leaf surface moist.....:	dry/NA	moist/dry	wet/dry
Crop stage/Height	N/A	1-2 till/ 6-8"	2-4 till/7-9"
Sprayer type/MPH.....:	CO ₂ BkPk/3.0	CO ₂ BkPk/3.0	CO ₂ BkPk/3.0
Nozzle type/Size	AMFF/110015	AMFF/110015	AMFF/110015
Boom ht/# Noz/Spacing ...:	18"/5/15"	18"/5/15"	18"/5/15"
GPA/PSI.....:	15/28	15/28	15/28
Applied by	Griffin	Zhang	Griffin

Flush Dates.....: 5/19,6/1,6/13
 Permanent Flood

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Evaluation of Top Gun Rice Herbicide

Trial ID: C06-58
 Location: RRS-Crowley, LA

Pest Code						ECHCG	ECHCG	ECHCG	ECHCG		
Rating Date						5/Jun/2006	15/Jun/2006	21/Jun/2006	5/Jul/2006		
Rating Data Type						CONTROL	CONTROL	CONTROL	CONTROL		
Rating Unit						%	%	%	%		
Trt-Eval Interval						12daDPRE	22daDPRE	28daDPRE	42daDPRE		
Trt No.	Treatment Name	Form Conc	Rate	Unit	Other Rate	Other Rate	Growth Stage				
1	Top Gun	2	qt/a				PRE	90a	81d	84bc	66bc
2	Top Gun	4	qt/a				PRE	86ab	88b	86b	75b
3	Top Gun H20	2	qt/a				PRE	86ab	78d	76d	49d
4	Top Gun H20	4	qt/a				PRE	90a	86bc	84bc	71b
5	Top Gun	2	qt/a				PRE	83b	96a	98a	95a
5	Clomazone	1	pt/a				PRE				
6	Top Gun	4	qt/a				PRE	90a	98a	98a	98a
6	Clomazone	1.6	pt/a				PRE				
7	Top Gun H20	2	qt/a				PRE	90a	97a	98a	98a
7	Clomazone	1	pt/a				PRE				
8	Top Gun H20	4	qt/a				PRE	90a	98a	98a	98a
8	Clomazone	1.6	pt/a				PRE				
9	Prowl EC	2.4	pt/a				PRE	84b	85bc	85b	70b
10	Clomazone	1.6	pt/a				PRE	90a	97a	98a	98a
11	Prowl H20	3.8	1	lb ai/a	2.1	pt/a	PRE	88ab	78d	78d	58cd
12	Prowl H20	3.8	1	lb ai/a	2.1	pt/a	DPRE	83b	81cd	80cd	73b
13	Prowl EC	3.3	1	lb ai/a	2.42	pt/a	DPRE	90a	84bc	85b	74b
14	Nontreated							0c	0e	0e	0e
LSD (P=.05)								6.0	5.4	4.9	9.1
Standard Deviation								4.2	3.8	3.4	6.4
CV								5.13	4.63	4.17	8.74

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

LSU AgCenter

Department of Agronomy and Environmental Management

Evaluation of Top Gun Rice Herbicide

Trial ID: C06-58
 Location: RRS-Crowley, LA

Pest Code				BRAPP		BRAPP		BRAPP		BRAPP		
Rating Date				5/Jun/2006		15/Jun/2006		21/Jun/2006		5/Jul/2006		
Rating Data Type				CONTROL		CONTROL		CONTROL		CONTROL		
Rating Unit				%		%		%		%		
Trt-Eval Interval				12daDPRE		22daDPRE		28daDPRE		42daDPRE		
Trt No.	Treatment Name	Form Conc	Rate	Unit	Other Rate	Other Rate	Unit	Growth Stage				
1	Top Gun	2	qt/a					PRE	91a	43bc	88bc	66cd
2	Top Gun	4	qt/a					PRE	88a-d	55b	89b	76b
3	Top Gun H20	2	qt/a					PRE	81cd	43bc	81d	49e
4	Top Gun H20	4	qt/a					PRE	89abc	55b	89b	71bc
5	Top Gun	2	qt/a					PRE	80d	89a	97a	94a
5	Clomazone	1	pt/a					PRE				
6	Top Gun	4	qt/a					PRE	90ab	95a	98a	98a
6	Clomazone	1.6	pt/a					PRE				
7	Top Gun H20	2	qt/a					PRE	88a-d	94a	98a	98a
7	Clomazone	1	pt/a					PRE				
8	Top Gun H20	4	qt/a					PRE	90ab	94a	98a	98a
8	Clomazone	1.6	pt/a					PRE				
9	Prowl EC	2.4	pt/a					PRE	84a-d	45bc	88bc	68bc
10	Clomazone	1.6	pt/a					PRE	90ab	94a	98a	98a
11	Prowl H20	3.8	1	lb ai/a	2.1	pt/a		PRE	85a-d	43bc	84cd	58de
12	Prowl H20	3.8	1	lb ai/a	2.1	pt/a		DPRE	83bcd	38c	84cd	73bc
13	Prowl EC	3.3	1	lb ai/a	2.42	pt/a		DPRE	89abc	50bc	86bc	74bc
14	Nontreated								0e	0d	0e	0f
LSD (P=.05)									8.3	13.1	4.7	9.4
Standard Deviation									5.8	9.1	3.3	6.6
CV									7.17	15.31	3.89	9.0

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

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Department of Agronomy and Environmental Management

Evaluation of Top Gun Rice Herbicide

Trial ID: C06-58
 Location: RRS-Crowley, LA

Pest Code	SEBEX	CYPES
Rating Date	5/Jun/2006	5/Jun/2006
Rating Data Type	CONTROL	CONTROL
Rating Unit	%	%
Trt-Eval Interval	12daDPRE	12daDPRE

Trt No.	Treatment Name	Form Conc	Rate	Unit	Other Rate	Other Rate	Unit	Growth Stage		
1	Top Gun	2	qt/a					PRE	26b	81ab
2	Top Gun	4	qt/a					PRE	35b	79ab
3	Top Gun H20	2	qt/a					PRE	39b	50de
4	Top Gun H20	4	qt/a					PRE	30b	70bc
5	Top Gun	2	qt/a					PRE	26b	60cd
5	Clomazone	1	pt/a					PRE		
6	Top Gun	4	qt/a					PRE	39b	88a
6	Clomazone	1.6	pt/a					PRE		
7	Top Gun H20	2	qt/a					PRE	38b	71bc
7	Clomazone	1	pt/a					PRE		
8	Top Gun H20	4	qt/a					PRE	30b	78ab
8	Clomazone	1.6	pt/a					PRE		
9	Prowl EC	2.4	pt/a					PRE	34b	85ab
10	Clomazone	1.6	pt/a					PRE	29b	40e
11	Prowl H20	3.8	1	lb ai/a	2.1	pt/a		PRE	30b	78ab
12	Prowl H20	3.8	1	lb ai/a	2.1	pt/a		DPRE	60a	45de
13	Prowl EC	3.3	1	lb ai/a	2.42	pt/a		DPRE	71a	71bc
14	Nontreated								0c	0f
LSD (P=.05)									15.9	15.6
Standard Deviation									11.1	10.9
CV									32.01	17.06

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

LSU AgCenter

Department of Agronomy and Environmental Management

Evaluation of Top Gun Rice Herbicide

Trial ID: C06-58
 Location: RRS-Crowley, LA

Pest Code		RICE		RICE		RICE		RICE	
Rating Date		5/Jun/2006		15/Jun/2006		21/Jun/2006		5/Jul/2006	
Rating Data Type		INJURY		INJURY		INJURY		INJURY	
Rating Unit		%		%		%		%	
Trt-Eval Interval		12daDPRE		22daDPRE		28daDPRE		42daDPRE	
Trt No.	Treatment Name	Form Conc	Rate	Unit	Other Rate	Other Rate	Unit	Growth Stage	
1	Top Gun	2	qt/a					PRE	0a
2	Top Gun	4	qt/a					PRE	0a
3	Top Gun H20	2	qt/a					PRE	0a
4	Top Gun H20	4	qt/a					PRE	0a
5	Top Gun	2	qt/a					PRE	0a
5	Clomazone	1	pt/a					PRE	0a
6	Top Gun	4	qt/a					PRE	0a
6	Clomazone	1.6	pt/a					PRE	0a
7	Top Gun H20	2	qt/a					PRE	0a
7	Clomazone	1	pt/a					PRE	0a
8	Top Gun H20	4	qt/a					PRE	0a
8	Clomazone	1.6	pt/a					PRE	0a
9	Prowl EC	2.4	pt/a					PRE	0a
10	Clomazone	1.6	pt/a					PRE	0a
11	Prowl H20	3.8	1	lb ai/a	2.1	pt/a		PRE	0a
12	Prowl H20	3.8	1	lb ai/a	2.1	pt/a		DPRE	0a
13	Prowl EC	3.3	1	lb ai/a	2.42	pt/a		DPRE	0a
14	Nontreated								0a
LSD (P=.05)									0.0
Standard Deviation									0.0
CV									0.0

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

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Department of Agronomy and Environmental Management

Ricestar HT with Surfactants and UAN Combinations

Experiment number.....: **C06-59**
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: 05/15/06
Harvest date.....: N/A
Crop/Variety: Rice/ CL131
Emergence date.....: 05/22/06
Uniform std. treatment.....: N/A

Application type.....: MPOT
Date applied [mm/dd/yy] ...: 6/5/06
Time [hh:mm-hh:mm].....: 10:30-10:45a
Incorporation equip./Depth: N/A
Air/Soil temperature [F]: 83/80
Relative humidity [%].....: 42
Wind [mph, direction]: 2-5 E
Weather [sunny, etc]: sunny
Soil/Leaf surface moist.....: wet/dry
Crop stage/Height: 3 lf-1till/
Sprayer type/MPH.....: CO₂BkPk/3.0
Nozzle type/Size: AMFF/110015
Boom ht/# Noz/Spacing ...: 18"/5/15"
GPA/PSI.....: 15/28
Applied by: Griffin

Weed Species (population):- (height/#leaves)-
SEBEX (30-50 m⁻²): 4-8"/3-5lf
ECHCG (150-200 m⁻²): 0.5-6"/2 lf-3 till
LEFPA (40-60 m⁻²): 1-5"/3 lf-1 till
CYPIR (150-200 m⁻²): 0.5-2"/2-5 lf
BRAPP (20-40 m⁻²): 0.5-3"/2-5 lf

Flush Dates.....: 5/19,6/1,6/13
Permanent Flood: 6/14

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Ricestar HT with Surfactants and UAN Combinations

Trial ID: C06-59
 Location: RRS-Cowley, LA

Pest Code	ECHCG	ECHCG	ECHCG	ECHCG
Rating Date	15/Jun/2006	21/Jun/2006	5/Jul/2006	17/Jul/2006
Rating Data Type	CONTROL	CONTROL	CONTROL	CONTROL
Rating Unit	%	%	%	%
Trt-Eval Interval	10daMPOT	17daMPOT	31DAMPOT	43daMPOT

Trt No.	Treatment Name	Form Conc	Rate Rate	Other Unit	Other Rate	Other Unit	Growth Stage				
1	Ricestar HT	0.58	0.059	lb ai/a	13	fl oz/a	MPOT	95ab	85a	88a	74ab
1	Dyne-a-pak	1		% v/v	19.2	fl oz/a	MPOT				
1	UAN	0		% v/v	0	fl oz/a	MPOT				
2	Ricestar HT	0.58	0.059	lb ai/a	13	fl oz/a	MPOT	96ab	75b	76cd	64b
2	Dyne-a-pak	1		% v/v	19.2	fl oz/a	MPOT				
2	UAN	2		% v/v	38.4	fl oz/a	MPOT				
3	Ricestar HT	0.58	0.059	lb ai/a	13	fl oz/a	MPOT	95ab	83a	80bcd	75ab
3	Kinetic	0.125		% v/v	2.4	fl oz/a	MPOT				
3	UAN	0		% v/v	0	fl oz/a	MPOT				
4	Ricestar HT	0.58	0.059	lb ai/a	13	fl oz/a	MPOT	96ab	80ab	74d	65ab
4	Kinetic	0.125		% v/v	2.4	fl oz/a	MPOT				
4	UAN	2		% v/v	38.4	fl oz/a	MPOT				
5	Ricestar HT	0.58	0.059	lb ai/a	13	fl oz/a	MPOT	97ab	82a	81abc	70ab
5	COC	1		% v/v	19.2	fl oz/a	MPOT				
5	UAN	0		% v/v	0	fl oz/a	MPOT				
6	Ricestar HT	0.58	0.059	lb ai/a	13	fl oz/a	MPOT	94b	85a	80bcd	76a
6	COC	1		% v/v	19.2	fl oz/a	MPOT				
6	UAN	2		% v/v	38.4	fl oz/a	MPOT				
7	Ricestar HT	0.58	0.059	lb ai/a	13	fl oz/a	MPOT	94b	87a	84ab	71ab
7	Phase II	1		% v/v	19.2	fl oz/a	MPOT				
7	UAN	0		% v/v	0	fl oz/a	MPOT				
8	Ricestar HT	0.58	0.059	lb ai/a	13	fl oz/a	MPOT	94b	85a	81abc	66ab
8	COC	1		% v/v	19.2	fl oz/a	MPOT				
8	UAN	2		% v/v	38.4	fl oz/a	MPOT				
9	Ricestar HT	0.58	0.059	lb ai/a	13	fl oz/a	MPOT	98a	85a	81abc	75ab
10	Ricestar HT	0.58	0.059	lb ai/a	13	fl oz/a	MPOT	95ab	82ab	81abc	71ab
10	UAN	2		% v/v	38.4	fl oz/a	MPOT				
LSD (P=.05)								3.8	6.8	7.1	11.6
Standard Deviation								2.6	4.7	4.9	8.0
CV								2.73	5.7	6.04	11.31

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

LSU AgCenter

Department of Agronomy and Environmental Management

Ricestar HT with Surfactants and UAN Combinations

Trial ID: C06-59

Location:

Pest Code	LEFPA	LEFPA	LEFPA	LEFPA
Rating Date	15/Jun/2006	21/Jun/2006	5/Jul/2006	17/Jul/2006
Rating Data Type	CONTROL	CONTROL	CONTROL	CONTROL
Rating Unit	%	%	%	%
Trt-Eval Interval	10daMPOT	17daMPOT	31DAMPOT	43daMPOT

Trt No.	Treatment Name	Form Conc	Rate	Other Rate	Other Rate	Growth Unit	Stage				
1	Ricestar HT	0.58	0.059 lb ai/a	13	fl oz/a	MPOT	97ab	86a	93a	79ab	
1	Dyne-a-pak	1	% v/v	19.2	fl oz/a	MPOT					
1	UAN	0	% v/v	0	fl oz/a	MPOT					
2	Ricestar HT	0.58	0.059 lb ai/a	13	fl oz/a	MPOT	97ab	73b	81cd	68cd	
2	Dyne-a-pak	1	% v/v	19.2	fl oz/a	MPOT					
2	UAN	2	% v/v	38.4	fl oz/a	MPOT					
3	Ricestar HT	0.58	0.059 lb ai/a	13	fl oz/a	MPOT	96bc	79ab	88abc	79ab	
3	Kinetic	0.125	% v/v	2.4	fl oz/a	MPOT					
3	UAN	0	% v/v	0	fl oz/a	MPOT					
4	Ricestar HT	0.58	0.059 lb ai/a	13	fl oz/a	MPOT	98a	79ab	79d	63d	
4	Kinetic	0.125	% v/v	2.4	fl oz/a	MPOT					
4	UAN	2	% v/v	38.4	fl oz/a	MPOT					
5	Ricestar HT	0.58	0.059 lb ai/a	13	fl oz/a	MPOT	97ab	80ab	85bcd	75abc	
5	COC	1	% v/v	19.2	fl oz/a	MPOT					
5	UAN	0	% v/v	0	fl oz/a	MPOT					
6	Ricestar HT	0.58	0.059 lb ai/a	13	fl oz/a	MPOT	95bc	83a	89ab	84a	
6	COC	1	% v/v	19.2	fl oz/a	MPOT					
6	UAN	2	% v/v	38.4	fl oz/a	MPOT					
7	Ricestar HT	0.58	0.059 lb ai/a	13	fl oz/a	MPOT	97ab	84a	90ab	78ab	
7	Phase II	1	% v/v	19.2	fl oz/a	MPOT					
7	UAN	0	% v/v	0	fl oz/a	MPOT					
8	Ricestar HT	0.58	0.059 lb ai/a	13	fl oz/a	MPOT	94c	84a	84bcd	71bcd	
8	COC	1	% v/v	19.2	fl oz/a	MPOT					
8	UAN	2	% v/v	38.4	fl oz/a	MPOT					
9	Ricestar HT	0.58	0.059 lb ai/a	13	fl oz/a	MPOT	98a	83a	85bcd	70bcd	
10	Ricestar HT	0.58	0.059 lb ai/a	13	fl oz/a	MPOT	97ab	78ab	84bcd	70bcd	
10	UAN	2	% v/v	38.4	fl oz/a	MPOT					
LSD (P=.05)							2.2	9.2	7.0	9.7	
Standard Deviation							1.5	6.3	4.8	6.7	
CV							1.55	7.83	5.6	9.05	

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

LSU AgCenter

Department of Agronomy and Environmental Management

Ricestar HT with Surfactants and UAN Combinations

Trial ID: C06-59

Location:

Pest Code	RICE	RICE	RICE	RICE
Rating Date	15/Jun/2006	21/Jun/2006	5/Jul/2006	17/Jul/2006
Rating Data Type	INJURY	INJURY	INJURY	INJURY
Rating Unit	%	%	%	%
Trt-Eval Interval	10daMPOT	17daMPOT	31DAMPOT	43daMPOT

Trt No.	Treatment Name	Form Conc	Rate	Other Rate	Other Rate	Growth Unit	Stage				
1	Ricestar HT	0.58	0.059 lb ai/a	13	fl oz/a	MPOT	19ab	0a	0a	0a	
1	Dyne-a-pak	1	% v/v	19.2	fl oz/a	MPOT					
1	UAN	0	% v/v	0	fl oz/a	MPOT					
2	Ricestar HT	0.58	0.059 lb ai/a	13	fl oz/a	MPOT	19ab	0a	0a	0a	
2	Dyne-a-pak	1	% v/v	19.2	fl oz/a	MPOT					
2	UAN	2	% v/v	38.4	fl oz/a	MPOT					
3	Ricestar HT	0.58	0.059 lb ai/a	13	fl oz/a	MPOT	21ab	0a	0a	0a	
3	Kinetic	0.125	% v/v	2.4	fl oz/a	MPOT					
3	UAN	0	% v/v	0	fl oz/a	MPOT					
4	Ricestar HT	0.58	0.059 lb ai/a	13	fl oz/a	MPOT	21ab	0a	0a	0a	
4	Kinetic	0.125	% v/v	2.4	fl oz/a	MPOT					
4	UAN	2	% v/v	38.4	fl oz/a	MPOT					
5	Ricestar HT	0.58	0.059 lb ai/a	13	fl oz/a	MPOT	11c	0a	0a	0a	
5	COC	1	% v/v	19.2	fl oz/a	MPOT					
5	UAN	0	% v/v	0	fl oz/a	MPOT					
6	Ricestar HT	0.58	0.059 lb ai/a	13	fl oz/a	MPOT	18abc	0a	0a	0a	
6	COC	1	% v/v	19.2	fl oz/a	MPOT					
6	UAN	2	% v/v	38.4	fl oz/a	MPOT					
7	Ricestar HT	0.58	0.059 lb ai/a	13	fl oz/a	MPOT	20ab	0a	0a	0a	
7	Phase II	1	% v/v	19.2	fl oz/a	MPOT					
7	UAN	0	% v/v	0	fl oz/a	MPOT					
8	Ricestar HT	0.58	0.059 lb ai/a	13	fl oz/a	MPOT	15bc	0a	0a	0a	
8	COC	1	% v/v	19.2	fl oz/a	MPOT					
8	UAN	2	% v/v	38.4	fl oz/a	MPOT					
9	Ricestar HT	0.58	0.059 lb ai/a	13	fl oz/a	MPOT	19ab	0a	0a	0a	
10	Ricestar HT	0.58	0.059 lb ai/a	13	fl oz/a	MPOT	23a	0a	0a	0a	
10	UAN	2	% v/v	38.4	fl oz/a	MPOT					
LSD (P=.05)								6.5	0.0	0.0	0.0
Standard Deviation								4.5	0.0	0.0	0.0
CV								24.23	0.0	0.0	0.0

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

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 ₂ BKPK	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
If	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

<u>Bayer Code</u>	<u>Common Name</u>	<u>Scientific Name</u>
AESIN	Indian jointvetch	<u>Aeschynomene indica</u>
ALRPH	Alligatorweed	<u>Alternanthera philoxeroides</u>
BRAPP	broadleaf signalgrass	<u>Brachiaria platyphylla</u>
BROOK ^a	Brook paspalum	<u>Paspalum acuminatum</u>
CNPCA	Mexicanweed	<u>Caperonia castaniifolia</u>
CNPPA	Texasweed	<u>Caperonia palustris</u>
COMDI	spreading dayflower	<u>Commelina diffusa</u>
CYPIR	rice flatsedge	<u>Cyperus iria</u>
CYPES	yellow nutsedge	<u>Cyperus esculentus</u>
ECHCG	Barnyardgrass	<u>Echinochloa crus-galli</u>
ECHPO ^a	creeping rivergrass	<u>Echinochloa polystachya</u>
ECLAL	eclipta	<u>Eclipta prostrata</u>
HETLI	ducksalad	<u>Heteranthera limosa</u>
LEFPA	Amazon sprangletop	<u>Leptochloa panicoides</u>
MEOCO	redweed	<u>Melochia corchorifolia</u>
ORYSA	red rice	<u>Oryza sativa</u>
PASDS	knotgrass	<u>Paspalum distichum</u>
PASFL	water paspalum	<u>Paspalum hydrophilum</u>
POLPE	ladysthumb	<u>Polygonum aviculare</u>
RANAR	corn buttercup	<u>Ranunculus arvensis</u>
ROTRA	toothcup	<u>Rotala ramosior</u>
SEBEX	hemp sesbania	<u>Sesbania exaltata</u>

^aNo WSSA approved BAYER code at this time.

Appendix II

List of Chemicals

List of Herbicides

<u>Trade Name</u>	<u>Formulation</u>	<u>Company</u>	<u>Common Name</u>	<u>Chemical Name</u>
Aim	40 WG	FMC	carfentrazone	ethyl α ,2-dichloro-5-[4-(difluoromethyl)-4,5-dihydro-3-methyl-5-oxo-1H-1,2,4-triazol-1-yl]-4-fluorobenzenepropanoate
Arrosolo	3-3 EC	Zeneca	molinate + propanil	s-ethyl hexahydro-1H-azepine-1-carbothioate + 3',4'-dichloropropionanilide
Basagran	4 SL	BASF	bentazon	3-(1-methylethyl)-1H-2,1,3-benzothiadiazin-4(3H)-one 2,2-dioxide
Beyond	1 SC	BASF	imazamox	2-[4,5-dihydro-4-methyl-4-(1-methylethyl-5-oxo-1H-imidazol-2-yl)-5-(methoxymethyl)-3-pyridinecarboxylic acid
Blazer	2 SC	BASF	acifluorfen	Sodium 5-[2-chloro-4-(trifluoromethyl)phenoxy]-2-nitrobenzoate
Bolero	8 EC	Valent	thiobencarb	S-[(4-chlorophenyl)methyl]diethylcarbamoithioate
Clincher	2.4 EC	Dow AgroSciences	cyhalofop-butyl	2-[4-(4-cyano-2-fluorophenoxy)phenoxy] propanoic acid, butyl ester, (R)
Command	3 ME	FMC	clomazone	2-(2-Chlorophenyl)methyl-4,4-dimethyl-3-isoxazolidinone
Duet		Riceco	propanil (4 lb ai/g) + bensulfuron (14 g)	3',4'-dichloropropionanilide + methyl-2-[[[[[4,6-dimethoxypyrimidin-2-yl)amino]-carbonyl]amino]sulfonyl]methyl]benzoate
Facet	75 DF	BASF	quinclorac	3,7-dichloro-8-quinolinecarboxylic acid
Grandstand	3 SL	Dow AgroSciences	triclopyr	3,5,6-trichloro-2-pyridinyloxyacetic acid
Grasp	2 SC	Dow AgroSciences	penoxsulam	(2-(2,2-difluoroethoxy)-6-trifluoromethyl-N-(5,8-dimethoxy[1,2,4]triazolo-[1,5c]pyrimidin-2-yl)benzenesulfonamide)
Ignite	2.34	Bayer	Glufosinate	ammonium(3-amino-3-carboxypropyl)-methylphosphinate
IR 5878	50	Isagro USA	orthosulfamuron	N/A
Londax	60 DF	DuPont	bensulfuron	methyl-2-[[[[[4,6-dimethoxypyrimidin-2-yl)amino]-

				carbonyl]amino]sulfonyl]methyl]benzoate
Newpath	2 SC	BASF	Imazethapyr	2-[4,5-dihydro-4-methyl-4-(1-methylethyl-5-oxo-1 <i>H</i> -imidazol-2-yl)-5-ethyl-3-pyridinecarboxylic acid
Permit	75 DF	Gowan	halosulfuron	methyl 5-[[4,6-dimethoxy-2-pyrimidinyl) amino] carbonylamino-sulfonyl]-3-chloro-1-methyl-1 <i>H</i> -pyrazole-4-carboxylate
Prowl	3.3 EC	BASF	pendimethalin	N-(1-ethylpropyl)-3,4-dimethyl-2,6-dinitrobenzenamine
Prowl H ₂ O	3.8 AS	BASF	pendimethalin	N-(1-ethylpropyl)-3,4-dimethyl-2,6-dinitrobenzenamine
Regiment	80 WP	Valent	V-10029	Sodium 2,6-bis [4,6-dimethoxy pyrimidin-2-yl)oxy] benzoate
Ricestar HT	0.58 EC	Bayer	fenoxaprop-p-ethyl	(±)-ethyl 2-[4-[(6-chloro-2-benzoxazolyl)oxy]phenoxy]propanoate
Roundup Weathermax	5.5 SL	Monsanto	glyphosate	N-(phosphonomethyl)glycine
Stam M4 or Stam	4 EC	Dow AgroSciences	Propanil	3',4'-dichloropropionanilide
Top Gun	N/A		Pendimethalin	N-(1-ethylpropyl)-3,4-dimethyl-2,6-dinitrobenzenamine
Top Gun H ₂ O	N/A		pendimethalin	N-(1-ethylpropyl)-3,4-dimethyl-2,6-dinitrobenzenamine
Superwham	4 EC	Riceco	propanil	3',4'-dichloropropionanilide
Whip 360	0.57 SL	Bayer	fenoxaprop-p-ethyl	(±)-ethyl 2-[4-[(6-chloro-2-benzoxazolyl)oxy]phenoxy]propanoate

Spray Adjuvants

<u>Trade Name</u>	<u>Formulation</u>	<u>Company</u>	<u>Common Name</u>	<u>Composition</u>
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%)
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

Appendix III

Rainfall Data

Table 1. 2006 Rainfall Data for Rice Research Station, Crowley, LA.

DAY	MONTH					
	April	May	June	July	August	September
1	0	0	0	0	0	0
2	0	0	0	0.65	0.02	0
3	0	0	0	0.06	0	0
4	0	0.37	0	0.67	0	0
5	0	0.95	0	0.02	0.02	0
6	0	0.31	0	0.38	0.05	0
7	0	0.01	0.48	0.01	0.38	0
8	0.10	0.01	0	0	0	0.01
9	0	0	0	0.02	0	0.80
10	0	0	0	1.37	0	0.01
11	0.01	0	0	0.01	0	0.78
12	0	0	0	0	0.02	0.14
13	0	0	0	0.11	0	0
14	0	0.09	0	0.07	0	0
15	0	0	0	0	0	0
16	0	0	0.90	0.68	0.46	0
17	0	0	0.10	0.41	0	0
18	0	0	0	0	0	0.41
19	0	0	0.06	0	0	0
20	0	0	0.42	0.21	0	0
21	0.18	0	0.01	0	0	0.44
22	0	0	0	0	1.56	0.01
23	0	0	0	0.12	0.01	0.28
24	0	0	0	0.48	0.79	0.41
25	0.43	0	0	0.16	0.10	0
26	0.91	0	0	0.45	0.79	0
27	0	0.01	0	0	0.02	0
28	0	0.13	0	0	0	0
29	1.99	0.02	0	0.04	0	0
30	0.01	0	0	0.01	0.06	0
31		0		0		
TOTAL	3.62	1.90	1.97	5.93	4.28	3.29