

LSU Northeast Research Station

Annual weed control in drill-seeded rice with V-10142.

Trial ID: Protocol ID:
 Location: SJ06R019 Study Director:
 Investigator: Bill Williams

General Trial Information

Investigator: Bill Williams

Crop Description

Crop 1: ORYSA Oryza sativa Common rice
 Variety: Tranasse
 BBCH Scale: BRIC Planting Date: 25/May/06
 Planting Method: DRILLED Rate, Unit: 100 LB/A
 Depth, Unit: 1 IN
 Row Spacing, Unit: 8 IN
 Seed Bed: MEDIUM
 Soil Moisture: DRY Emergence Date: 31/May/06
 Harvest Equipment: Small plot combine
 Harvested Width, Unit: 5 FT Harvested Length, Unit: 12 FT
 % Standard Moisture: 12.0

Pest Description

Pest 1 Type: W Code: ECHCG Echinochloa crus-galli
 Common Name: Common barnyardgrass
 Pest 2 Type: W Code: LEFPA Leptochloa panicoides
 Common Name: Amazon sprangletop
 Pest 3 Type: W Code: SEBEX Sesbania exaltata
 Common Name: Coffeebean
 Pest 4 Type: W Code: CNPPA Caperonia palustris
 Common Name: Texasweed
 Pest 5 Type: W Code: CYPIR Cyperus iria
 Common Name: Rice flatsedge

Site and Design

Plot Width, Unit: 6.67 FT Site Type: FIELD
 Plot Length, Unit: 15 FT Tillage Type: CONVENTIONAL-TILL
 Replications: 3 Study Design: Randomized Complete Block

Maintenance

No.	Date	Maintenance Treatment Name	Form	Form	Form	Rate	Unit
1.	27/Jun/06	Prilled Urea				300	LB/A

Soil Description

Description Name: Bay 1 - North End
 % Sand: 24 % OM: 2.01 Texture: Clay
 % Silt: 34 pH: 7.96 Soil Name: Sharkey
 % Clay: 42 CEC: 21.9 Fert. Level: Excellent

Moisture Conditions

Overall Moisture Conditions: Dry

Closest Weather Station: Northeast Research Station

Distance: 0.25

Unit: MI

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	Date	Time	Amount	Unit	Type	Interval	Unit
1.	26/May/06				Flush		
2.	28/May/06	5:00 pm	0.18	In	Rain	1	Hou
3.	29/May/06	2:30 pm	0.46	In	Rain	2.5	Hou
4.	30/May/06	1:30 pm	0.79	In	Rain	3	Hou
5.	2/Jun/06	6:30 pm	0.03	In	Rain	1	Hou
6.	5/Jun/06				Flush		
7.	12/Jun/06				Flush		
8.	17/Jun/06	7:00 pm	0.03	In	Rain	1	Hou
9.	18/Jun/06	10:00 p	0.01	In	Rain	1	Hou
10.	19/Jun/06	10:00 p	0.05	In	Rain	1	Hou
11.	20/Jun/06	2:30 pm	0.19	In	Rain	1	Hou
12.	24/Jun/06	9:00 pm	0.07	In	Rain	1	Hou
13.	28/Jun/06				Permanent Flood		
14.	3/Jul/06	1:00 pm	0.07	In	Rain	0.5	Hou
15.	4/Jul/06	3:00 pm	0.69	In	Rain	1.5	Hou
16.	4/Jul/06	7:00 am				1	Hou
17.	5/Jul/06	12:00 a	1.25	In	Rain	0.75	Hou
18.	5/Jul/06	6:00pm				1.5	Hou
19.	6/Jul/06	6:00 pm	0.35	In	Rain	3.5	Hou
20.	11/Jul/06	2:00 pm	0.45	In	Rain	2	Hou

Application Description

	A	B
Application Date:	25/May/06	20/Jun/06
Time of Day:	2:00	10:30
Application Method:	SPRAY	SPRAY
Application Timing:	PRE	4-5 LF
Application Placement:	BROSOI	BROFOL
Air Temperature, Unit:	72 F	85 F
% Relative Humidity:	68	68
Wind Velocity, Unit:	3 MPH	2 MPH
Wind Direction:	N	S
Soil Temperature, Unit:	81 F	86 F
Soil Moisture:	DRY	DAMP
% Cloud Cover:	30	80

Crop Stage At Each Application

	A	B
Crop 1 Code, BBCH Scale:	ORYSA BRIC	ORYSA BRIC
Stage Scale Used:	BBCH	BBCH
Stage Majority, Percent:	NA	4 leaf 100
Height, Unit:		7.5 In
Height Minimum, Maximum:		7 8

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Pest Stage At Each Application

	A		B	
Pest 1 Code, Disc., Scale:	ECHCG	W	ECHCG	W
Stage Majority, Percent:	NA		3-4 lf	100
Height, Unit:			2	IN
Height Minimum, Maximum:			2	3
Pest 2 Code, Disc., Scale:	LEFPA	W	LEFPA	W
Stage Majority, Percent:	NA		2 leaf	100
Height, Unit:			2	IN
Height Minimum, Maximum:			1	2
Pest 3 Code, Disc., Scale:	SEBEX	W	SEBEX	W
Stage Majority, Percent:	NA		1 leaf	100
Height, Unit:			1	IN
Height Minimum, Maximum:			1	1
Pest 4 Code, Disc., Scale:	CNPPA	W	CNPPA	W
Stage Majority, Percent:	NA		1-2 lf	100
Height, Unit:			2	IN
Height Minimum, Maximum:			1	2
Pest 5 Code, Disc., Scale:	CYPIR	W	CYPIR	W
Stage Majority, Percent:	NA		--	
Height, Unit:			3	IN
Height Minimum, Maximum:			2	4

Application Equipment

	A		B	
Appl. Equipment:	Backpack		Backpack	
Operating Pressure, Unit:	31	PSI	31	PSI
Nozzle Type:	Greenleaf		Greenleaf	
Nozzle Size:	11002		11002	
Nozzle Spacing, Unit:	20	IN	20	IN
Nozzles/Row:	2		2	
Ground Speed, Unit:	2.8	MPH	2.8	MPH
Carrier:	Water		Water	
Spray Volume, Unit:	15	GAL/AC	15	GAL/AC
Propellant:	CO2		CO2	

LSU Northeast Research Station

Annual weed control in drill-seeded rice with V-10142.

Trial ID: Protocol ID:
 Location: SJ06R019 Study Director:
 Investigator: Bill Williams

Pest Type	ECHCG ECHCG ECHCG ECHCG ECHCG								
Pest Code									
Pest Name									
Crop Code									
Crop Name									
Part Rated	PLATOT P	PLATOT P	PLATOT P	PLATOT P	PLATOT P				
Rating Date	31/May/06	10/Jun/06	26/Jun/06	3/Jul/06	18/Jul/06				
Rating Data Type	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL				
Rating Unit	%	%	%	%	%				
Trt-Eval Interval	6 DA-A	16 DA-A	6 DA-B	13 DA-B	27 DA-B				
Trt Treatment	Rate	Growth							
No. Name	RateUnit	Stage	1	2	3	4	5		
1 Command V-10142 COC	1 PT/A 0.1 LB A/A 1 % V/V	PRE 4-5 lf 4-5 lf	95	a90	a80	cd 62	ef 43	g	
2 Command V-10142 COC	1 PT/A 0.2 LB A/A 1 % V/V	PRE 4-5 lf 4-5 lf	95	a90	a80	cd 62	ef 43	g	
3 Command Clincher COC	1 PT/A 13.5 OZ/A 1 QT/A	PRE 4-5 lf 4-5 lf	95	a90	a87	a-d 83	abc 80	b-e	
4 Command Ricestar	1 PT/A 17 OZ/A	PRE 4-5 lf	95	a90	a87	a-d 90	ab 85	abc	
5 Command Regiment Dyne-A-Pak	1 PT/A 0.5 OZ/A 1.5 % V/V	PRE 4-5 lf 4-5 lf	95	a90	a83	a-d 82	a-d 87	abc	
6 Command Facet COC	1 PT/A 0.5 LB/A 1 QT/A	PRE 4-5 lf 4-5 lf	95	a90	a78	d 78	cd 67	f	
7 Command Stam M4	1 PT/A 4 QT/A	PRE 4-5 lf	95	a90	a93	a 80	bcd 83	a-d	
8 Command Clincher V-10142 COC	1 PT/A 13.5 OZ/A 0.1 LB A/A 1 QT/A	PRE 4-5 lf 4-5 lf	95	a90	a90	abc 80	bcd 77	c-f	
9 Command Ricestar V-10142 COC	1 PT/A 17 OZ/A 0.1 LB A/A 1 % V/V	PRE 4-5 lf 4-5 lf	95	a90	a85	a-d 68	e 67	f	

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Pest Type	ECHCG ECHCG ECHCG ECHCG ECHCG								
Pest Code									
Pest Name									
Crop Code									
Crop Name									
Part Rated	PLATOT P	PLATOT P	PLATOT P	PLATOT P	PLATOT P				
Rating Date	31/May/06	10/Jun/06	26/Jun/06	3/Jul/06	18/Jul/06				
Rating Data Type	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL				
Rating Unit	%	%	%	%	%				
Trt-Eval Interval	6 DA-A	16 DA-A	6 DA-B	13 DA-B	27 DA-B				
Trt Treatment	Rate	Growth							
No. Name	RateUnit	Stage	1	2	3	4	5		
10 Command	1 PT/A	PRE	95	a90	a85	a-d 88	abc 92	ab	
Regiment	0.5 OZ/A	4-5 lf							
V-10142	0.1 LB A/A	4-5 lf							
Dyne-A-Pak	1.5 % V/V	4-5 lf							
11 Command	1 PT/A	PRE	95	a90	a85	a-d 72	de 73	def	
Facet	0.5 LB/A	4-5 lf							
V-10142	0.1 LB A/A	4-5 lf							
COC	1 QT/A	4-5 lf							
12 Command	1 PT/A	PRE	95	a90	a92	ab 90	ab 88	abc	
Stam M4	4 QT/A	4-5 lf							
V-10142	0.1 LB A/A	4-5 lf							
NIS	0.25 % V/V	4-5 lf							
13 Command	1 PT/A	PRE	95	a90	a85	a-d 70	e 72	ef	
Clincher	13.5 OZ/A	4-5 lf							
V-10142	0.2 LB A/A	4-5 lf							
COC	1 QT/A	4-5 lf							
14 Command	1 PT/A	PRE	95	a90	a83	a-d 82	a-d 77	c-f	
Ricestar	17 OZ/A	4-5 lf							
V-10142	0.2 LB A/A	4-5 lf							
COC	1 % V/V	4-5 lf							
15 Command	1 PT/A	PRE	95	a90	a87	a-d 88	abc 92	ab	
Regiment	0.5 OZ/A	4-5 lf							
V-10142	0.2 LB A/A	4-5 lf							
Dyne-A-Pak	1.5 % V/V	4-5 lf							
16 Command	1 PT/A	PRE	95	a90	a82	bcd 67	e 67	f	
Facet	0.5 LB/A	4-5 lf							
V-10142	0.2 LB A/A	4-5 lf							
COC	1 QT/A	4-5 lf							
17 Command	1 PT/A	PRE	95	a90	a88	a-d 92	a 95	a	
Stam M4	4 QT/A	4-5 lf							
V-10142	0.2 LB A/A	4-5 lf							
NIS	0.25 % V/V	4-5 lf							

LSU Northeast Research Station

Pest Type									
Pest Code			ECHCG	ECHCG	ECHCG	ECHCG	ECHCG	ECHCG	
Pest Name									
Crop Code									
Crop Name									
Part Rated			PLATOT P	PLATOT P	PLATOT P	PLATOT P	PLATOT P	PLATOT P	
Rating Date			31/May/06	10/Jun/06	26/Jun/06	3/Jul/06	18/Jul/06		
Rating Data Type			CONTROL	CONTROL	CONTROL	CONTROL	CONTROL		
Rating Unit			%	%	%	%	%		
Trt-Eval Interval			6 DA-A	16 DA-A	6 DA-B	13 DA-B	27 DA-B		
Trt Treatment	Rate	Growth							
No. Name	RateUnit	Stage	1	2	3	4	5		
18 Command	1 PT/A	PRE	95	a90	a80	cd 57	f 47	g	
LSD (P=.10)			0.0	0.0	5.4	6.3	7.1		
Standard Deviation			0.0	0.0	3.9	4.5	5.1		
CV			0.0	0.0	4.55	5.86	6.95		
Grand Mean			95.0	90.0	85.0	77.22	74.06		
Bartlett's X2			0.0	0.0	4.284	5.771	7.335		
P(Bartlett's X2)			.	.	0.993	0.99	0.979		
Replicate F			0.000	0.000	8.639	2.912	12.105		
Replicate Prob(F)			1.0000	1.0000	0.0009	0.0680	0.0001		
Treatment F			0.000	0.000	3.475	17.689	29.808		
Treatment Prob(F)			1.0000	1.0000	0.0010	0.0001	0.0001		

Means followed by same letter do not significantly differ (P=.10, Student-Newman-Keuls)

Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

LSU Northeast Research Station

Pest Type										
Pest Code	LEFPA LEFPA LEFPA LEFPA LEFPA									
Pest Name										
Crop Code										
Crop Name										
Part Rated	PLATOT P PLATOT P PLATOT P PLATOT P PLATOT P									
Rating Date	31/May/06 10/Jun/06 26/Jun/06 3/Jul/06 18/Jul/06									
Rating Data Type	CONTROL CONTROL CONTROL CONTROL CONTROL									
Rating Unit	% % % % %									
Trt-Eval Interval	6 DA-A 16 DA-A 6 DA-B 13 DA-B 28 DA-B									
Trt Treatment	Rate	Growth								
No. Name	RateUnit	Stage	6	7	8	9	10			
1 Command V-10142	1 0.1	PT/A LB A/A	PRE 4-5	95	a90	a87	a62	g 37	h	
COC	1	% V/V	4-5	If						
2 Command V-10142	1 0.2	PT/A LB A/A	PRE 4-5	95	a90	a90	a62	g 47	g	
COC	1	% V/V	4-5	If						
3 Command Clincher	1 13.5	PT/A OZ/A	PRE 4-5	95	a90	a90	a68	fg 70	de	
COC	1	QT/A	4-5	If						
4 Command Ricestar	1 17	PT/A OZ/A	PRE 4-5	95	a90	a90	a68	fg 88	ab	
COC	1	QT/A	4-5	If						
5 Command Regiment	1 0.5	PT/A OZ/A	PRE 4-5	95	a90	a88	a83	abc 60	f	
Dyne-A-Pak	1.5	% V/V	4-5	If						
6 Command Facet	1 0.5	PT/A LB/A	PRE 4-5	95	a90	a87	a78	c-f 47	g	
COC	1	QT/A	4-5	If						
7 Command Stam M4	1 4	PT/A QT/A	PRE 4-5	95	a90	a92	a78	c-f 83	abc	
COC	1	QT/A	4-5	If						
8 Command Clincher	1 13.5	PT/A OZ/A	PRE 4-5	95	a90	a90	a80	b-e 83	abc	
V-10142	0.1	LB A/A	4-5	If						
COC	1	QT/A	4-5	If						
9 Command Ricestar	1 17	PT/A OZ/A	PRE 4-5	95	a90	a90	a68	fg 77	cd	
V-10142	0.1	LB A/A	4-5	If						
COC	1	% V/V	4-5	If						
10 Command Regiment	1 0.5	PT/A OZ/A	PRE 4-5	95	a90	a92	a88	abc 85	abc	
V-10142	0.1	LB A/A	4-5	If						
Dyne-A-Pak	1.5	% V/V	4-5	If						

LSU Northeast Research Station

Pest Type								
Pest Code	LEFPA	LEFPA	LEFPA	LEFPA	LEFPA			
Pest Name								
Crop Code								
Crop Name								
Part Rated	PLATOT P	PLATOT P	PLATOT P	PLATOT P	PLATOT P			
Rating Date	31/May/06	10/Jun/06	26/Jun/06	3/Jul/06	18/Jul/06			
Rating Data Type	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL			
Rating Unit	%	%	%	%	%			
Trt-Eval Interval	6 DA-A	16 DA-A	6 DA-B	13 DA-B	28 DA-B			
Trt Treatment	Rate	Growth						
No. Name	RateUnit	Stage	6	7	8	9	10	
11 Command	1 PT/A	PRE	95	a90	a90	a72	d-g80	bc
Facet	0.5 LB/A	4-5 lf						
V-10142	0.1 LB A/A	4-5 lf						
COC	1 QT/A	4-5 lf						
12 Command	1 PT/A	PRE	95	a90	a93	a90	ab 87	abc
Stam M4	4 QT/A	4-5 lf						
V-10142	0.1 LB A/A	4-5 lf						
NIS	0.25 % V/V	4-5 lf						
13 Command	1 PT/A	PRE	95	a90	a90	a70	efg 68	def
Clincher	13.5 OZ/A	4-5 lf						
V-10142	0.2 LB A/A	4-5 lf						
COC	1 QT/A	4-5 lf						
14 Command	1 PT/A	PRE	95	a90	a90	a82	a-d 67	ef
Ricestar	17 OZ/A	4-5 lf						
V-10142	0.2 LB A/A	4-5 lf						
COC	1 % V/V	4-5 lf						
15 Command	1 PT/A	PRE	95	a90	a90	a88	abc83	abc
Regiment	0.5 OZ/A	4-5 lf						
V-10142	0.2 LB A/A	4-5 lf						
Dyne-A-Pak	1.5 % V/V	4-5 lf						
16 Command	1 PT/A	PRE	95	a90	a92	a67	g 77	cd
Facet	0.5 LB/A	4-5 lf						
V-10142	0.2 LB A/A	4-5 lf						
COC	1 QT/A	4-5 lf						
17 Command	1 PT/A	PRE	95	a90	a90	a92	a 92	a
Stam M4	4 QT/A	4-5 lf						
V-10142	0.2 LB A/A	4-5 lf						
NIS	0.25 % V/V	4-5 lf						

LSU Northeast Research Station

Pest Type					
Pest Code		LEFPA	LEFPA	LEFPA	LEFPA
Pest Name					
Crop Code					
Crop Name					
Part Rated		PLATOT P	PLATOT P	PLATOT P	PLATOT P
Rating Date		31/May/06	10/Jun/06	26/Jun/06	3/Jul/06
Rating Data Type		CONTROL	CONTROL	CONTROL	CONTROL
Rating Unit		%	%	%	%
Trt-Eval Interval		6 DA-A	16 DA-A	6 DA-B	13 DA-B
Trt Treatment	Rate	Growth			
No. Name	RateUnit	Stage	6	7	8
18 Command	1 PT/A	PRE	95	a90	a92
				a60	g
LSD (P=.10)			0.0	0.0	3.2
Standard Deviation			0.0	0.0	2.3
CV			0.0	0.0	2.55
Grand Mean			95.0	90.0	90.09
Bartlett's X2			0.0	0.0	3.156
P(Bartlett's X2)			.	.	0.958
Replicate F			0.000	0.000	9.814
Replicate Prob(F)			1.0000	1.0000	0.0004
Treatment F			0.000	0.000	1.572
Treatment Prob(F)			1.0000	1.0000	0.1280
					2.926
					0.0672
					13.837
					0.0001
					6.263
					0.0048
					41.632
					0.0001

Means followed by same letter do not significantly differ (P=.10, Student-Newman-Keuls)
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LSU Northeast Research Station

Pest Type									
Pest Code	SEBEX	SEBEX	SEBEX	SEBEX	SEBEX				
Pest Name									
Crop Code									
Crop Name									
Part Rated	PLATOT P	PLATOT P	PLATOT P	PLATOT P	PLATOT P				
Rating Date	31/May/06	10/Jun/06	26/Jun/06	3/Jul/06	18/Jul/06				
Rating Data Type	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL				
Rating Unit	%	%	%	%	%				
Trt-Eval Interval	6 DA-A	16 DA-A	6 DA-B	13 DA-B	28 DA-B				
Trt Treatment	Rate	Growth	11	12	13	14	15		
No. Name	RateUnit	Stage							
1 Command	1 PT/A	PRE	0	a0	a67	c93	a93	a	
V-10142	0.1 LB A/A	4-5 lf							
COC	1 % V/V	4-5 lf							
2 Command	1 PT/A	PRE	0	a0	a67	c85	a95	a	
V-10142	0.2 LB A/A	4-5 lf							
COC	1 % V/V	4-5 lf							
3 Command	1 PT/A	PRE	0	a0	a0	d0	b0	b	
Clincher	13.5 OZ/A	4-5 lf							
COC	1 QT/A	4-5 lf							
4 Command	1 PT/A	PRE	0	a0	a0	d0	b0	b	
Ricestar	17 OZ/A	4-5 lf							
5 Command	1 PT/A	PRE	0	a0	a80	b95	a93	a	
Regiment	0.5 OZ/A	4-5 lf							
Dyne-A-Pak	1.5 % V/V	4-5 lf							
6 Command	1 PT/A	PRE	0	a0	a67	c93	a95	a	
Facet	0.5 LB/A	4-5 lf							
COC	1 QT/A	4-5 lf							
7 Command	1 PT/A	PRE	0	a0	a92	a95	a93	a	
Stam M4	4 QT/A	4-5 lf							
8 Command	1 PT/A	PRE	0	a0	a77	b95	a95	a	
Clincher	13.5 OZ/A	4-5 lf							
V-10142	0.1 LB A/A	4-5 lf							
COC	1 QT/A	4-5 lf							
9 Command	1 PT/A	PRE	0	a0	a77	b95	a95	a	
Ricestar	17 OZ/A	4-5 lf							
V-10142	0.1 LB A/A	4-5 lf							
COC	1 % V/V	4-5 lf							
10 Command	1 PT/A	PRE	0	a0	a87	a95	a95	a	
Regiment	0.5 OZ/A	4-5 lf							
V-10142	0.1 LB A/A	4-5 lf							
Dyne-A-Pak	1.5 % V/V	4-5 lf							

LSU Northeast Research Station

Pest Type								
Pest Code	SEBEX	SEBEX	SEBEX	SEBEX	SEBEX			
Pest Name								
Crop Code								
Crop Name								
Part Rated	PLATOT P	PLATOT P	PLATOT P	PLATOT P	PLATOT P			
Rating Date	31/May/06	10/Jun/06	26/Jun/06	3/Jul/06	18/Jul/06			
Rating Data Type	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL			
Rating Unit	%	%	%	%	%			
Trt-Eval Interval	6 DA-A	16 DA-A	6 DA-B	13 DA-B	28 DA-B			
Trt Treatment	Rate	Growth						
No. Name	RateUnit	Stage	11	12	13	14	15	
11 Command	1 PT/A	PRE	0	a0	a88	a88	a95	a
Facet	0.5 LB/A	4-5 lf						
V-10142	0.1 LB A/A	4-5 lf						
COC	1 QT/A	4-5 lf						
12 Command	1 PT/A	PRE	0	a0	a95	a95	a96	a
Stam M4	4 QT/A	4-5 lf						
V-10142	0.1 LB A/A	4-5 lf						
NIS	0.25 % V/V	4-5 lf						
13 Command	1 PT/A	PRE	0	a0	a63	c95	a95	a
Clincher	13.5 OZ/A	4-5 lf						
V-10142	0.2 LB A/A	4-5 lf						
COC	1 QT/A	4-5 lf						
14 Command	1 PT/A	PRE	0	a0	a63	c93	a95	a
Ricestar	17 OZ/A	4-5 lf						
V-10142	0.2 LB A/A	4-5 lf						
COC	1 % V/V	4-5 lf						
15 Command	1 PT/A	PRE	0	a0	a92	a95	a95	a
Regiment	0.5 OZ/A	4-5 lf						
V-10142	0.2 LB A/A	4-5 lf						
Dyne-A-Pak	1.5 % V/V	4-5 lf						
16 Command	1 PT/A	PRE	0	a0	a63	c95	a95	a
Facet	0.5 LB/A	4-5 lf						
V-10142	0.2 LB A/A	4-5 lf						
COC	1 QT/A	4-5 lf						
17 Command	1 PT/A	PRE	0	a0	a92	a95	a96	a
Stam M4	4 QT/A	4-5 lf						
V-10142	0.2 LB A/A	4-5 lf						
NIS	0.25 % V/V	4-5 lf						

LSU Northeast Research Station

Pest Type					
Pest Code		SEBEX	SEBEX	SEBEX	SEBEX
Pest Name					
Crop Code					
Crop Name					
Part Rated		PLATOT P	PLATOT P	PLATOT P	PLATOT P
Rating Date		31/May/06	10/Jun/06	26/Jun/06	3/Jul/06
Rating Data Type		CONTROL	CONTROL	CONTROL	CONTROL
Rating Unit		%	%	%	%
Trt-Eval Interval		6 DA-A	16 DA-A	6 DA-B	13 DA-B
Trt Treatment	Rate	Growth			
No. Name	RateUnit	Stage	11	12	13
18 Command	1 PT/A	PRE	0	a0	a0
					d0
					b0
					b
LSD (P=.10)			0.0	0.0	6.1
Standard Deviation			0.0	0.0	4.4
CV			0.0	0.0	6.75
Grand Mean			0.0	0.0	64.91
Bartlett's X2			0.0	0.0	3.582
P(Bartlett's X2)			.	.	0.99
Replicate F			0.000	0.000	2.994
Replicate Prob(F)			1.0000	1.0000	0.0634
Treatment F			0.000	0.000	158.649
Treatment Prob(F)			1.0000	1.0000	0.0001
					1.910
					0.1636
					2039.749
					0.0001

Means followed by same letter do not significantly differ (P=.10, Student-Newman-Keuls)
 Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

LSU Northeast Research Station

Pest Type											
Pest Code				ECLAL		ECLAL		ECLAL		CYPIR	
Pest Name											
Crop Code											
Crop Name											
Part Rated				PLATOT P		PLATOT P		PLATOT P		PLATOT P	
Rating Date				26/Jun/06		3/Jul/06		18/Jul/06		26/Jun/06	
Rating Data Type				CONTROL		CONTROL		CONTROL		CONTROL	
Rating Unit				%		%		%		%	
Trt-Eval Interval				6 DA-B		13 DA-B		28 DA-B		6 DA-B	
Trt	Treatment	Rate	Growth								
No.	Name	Rate	Unit	Stage	16	17	18	19	20		
1	Command V-10142	1	PT/A	PRE	30	f 67	c 88	a 30	c 95	a	
	COC	0.1	LB A/A	4-5 lf							
		1	% V/V	4-5 lf							
2	Command V-10142	1	PT/A	PRE	30	f 70	c 92	a 50	b 95	a	
	COC	0.2	LB A/A	4-5 lf							
		1	% V/V	4-5 lf							
3	Command Clincher	1	PT/A	PRE	0	g 0	d 0	c 0	d 0	b	
	COC	13.5	OZ/A	4-5 lf							
		1	QT/A	4-5 lf							
4	Command Ricestar	1	PT/A	PRE	0	g 0	d 0	c 0	d 0	b	
	COC	17	OZ/A	4-5 lf							
		1	QT/A	4-5 lf							
5	Command Regiment	1	PT/A	PRE	30	f 88	ab 83	a 30	c 93	a	
	Dyne-A-Pak	0.5	OZ/A	4-5 lf							
		1.5	% V/V	4-5 lf							
6	Command Facet	1	PT/A	PRE	63	d 92	a 73	b 30	c 95	a	
	COC	0.5	LB/A	4-5 lf							
		1	QT/A	4-5 lf							
7	Command Stam M4	1	PT/A	PRE	85	b 92	a 80	ab 90	a 95	a	
	COC	4	QT/A	4-5 lf							
		1	QT/A	4-5 lf							
8	Command Clincher	1	PT/A	PRE	30	f 90	a 88	a 30	c 95	a	
	V-10142	13.5	OZ/A	4-5 lf							
	COC	0.1	LB A/A	4-5 lf							
		1	QT/A	4-5 lf							
9	Command Ricestar	1	PT/A	PRE	30	f 83	ab 92	a 30	c 95	a	
	V-10142	17	OZ/A	4-5 lf							
	COC	0.1	LB A/A	4-5 lf							
		1	% V/V	4-5 lf							
10	Command Regiment	1	PT/A	PRE	57	e 87	ab 93	a 30	c 95	a	
	V-10142	0.5	OZ/A	4-5 lf							
	COC	0.1	LB A/A	4-5 lf							
		1.5	% V/V	4-5 lf							

LSU Northeast Research Station

Pest Type										
Pest Code			ECLAL	ECLAL	ECLAL	CYPIR	CYPIR			
Pest Name										
Crop Code										
Crop Name										
Part Rated			PLATOT P	PLATOT P	PLATOT P	PLATOT P	PLATOT P	PLATOT P		
Rating Date			26/Jun/06	3/Jul/06	18/Jul/06	26/Jun/06	3/Jul/06			
Rating Data Type			CONTROL	CONTROL	CONTROL	CONTROL	CONTROL			
Rating Unit			%	%	%	%	%			
Trt-Eval Interval			6 DA-B	13 DA-B	28 DA-B	6 DA-B	13 DA-B			
Trt Treatment	Rate	Growth								
No. Name	RateUnit	Stage	16	17	18	19	20			
11 Command	1 PT/A	PRE	73	c 87	ab92	a 30	c 95	a		
Facet	0.5 LB/A	4-5 lf								
V-10142	0.1 LB A/A	4-5 lf								
COC	1 QT/A	4-5 lf								
12 Command	1 PT/A	PRE	92	a 92	a 95	a 92	a 93	a		
Stam M4	4 QT/A	4-5 lf								
V-10142	0.1 LB A/A	4-5 lf								
NIS	0.25 % V/V	4-5 lf								
13 Command	1 PT/A	PRE	30	f 83	ab92	a 50	b 95	a		
Clincher	13.5 OZ/A	4-5 lf								
V-10142	0.2 LB A/A	4-5 lf								
COC	1 QT/A	4-5 lf								
14 Command	1 PT/A	PRE	30	f 80	b 93	a 50	b 95	a		
Ricestar	17 OZ/A	4-5 lf								
V-10142	0.2 LB A/A	4-5 lf								
COC	1 % V/V	4-5 lf								
15 Command	1 PT/A	PRE	57	e 90	a 93	a 50	b 95	a		
Regiment	0.5 OZ/A	4-5 lf								
V-10142	0.2 LB A/A	4-5 lf								
Dyne-A-Pak	1.5 % V/V	4-5 lf								
16 Command	1 PT/A	PRE	77	c 88	ab93	a 50	b 93	a		
Facet	0.5 LB/A	4-5 lf								
V-10142	0.2 LB A/A	4-5 lf								
COC	1 QT/A	4-5 lf								
17 Command	1 PT/A	PRE	90	ab93	a 95	a 90	a 95	a		
Stam M4	4 QT/A	4-5 lf								
V-10142	0.2 LB A/A	4-5 lf								
NIS	0.25 % V/V	4-5 lf								

LSU Northeast Research Station

Pest Type							
Pest Code	ECLAL	ECLAL	ECLAL	CYPIR	CYPIR		
Pest Name							
Crop Code							
Crop Name							
Part Rated	PLATOT P	PLATOT P	PLATOT P	PLATOT P	PLATOT P		
Rating Date	26/Jun/06	3/Jul/06	18/Jul/06	26/Jun/06	3/Jul/06		
Rating Data Type	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL		
Rating Unit	%	%	%	%	%		
Trt-Eval Interval	6 DA-B	13 DA-B	28 DA-B	6 DA-B	13 DA-B		
Trt Treatment	Rate	Growth					
No. Name	RateUnit	Stage	16	17	18	19	20
18 Command	1 PT/A	PRE	0	g 0	d 0	c 0	d0 b
LSD (P=.10)			5.1	5.5	7.8	2.9	1.5
Standard Deviation			3.7	3.9	5.6	2.1	1.1
CV			8.19	5.54	7.54	5.15	1.4
Grand Mean			44.63	71.2	74.59	40.65	78.89
Bartlett's X2			2.068	5.126	19.356	0.055	0.0
P(Bartlett's X2)			0.956	0.954	0.112	0.973	1.00
Replicate F			3.566	3.329	1.690	2.006	3.400
Replicate Prob(F)			0.0393	0.0478	0.1997	0.1501	0.0451
Treatment F			209.369	216.617	114.771	549.870	3227.200
Treatment Prob(F)			0.0001	0.0001	0.0001	0.0001	0.0001

Means followed by same letter do not significantly differ (P=.10, Student-Newman-Keuls)

Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

LSU Northeast Research Station

Pest Type								
Pest Code								
Pest Name								
Crop Code						ORYSA	ORYSA	
Crop Name						Common rice	Common rice	
Part Rated						PLATOT P	GRAIN C	GRAIN C
Rating Date						18/Jul/06	13/Sep/06	13/Sep/06
Rating Data Type						CONTROL	YIELD	YIELD
Rating Unit						%	lb/plot	BU
Trt-Eval Interval						28 DA-B		

Trt No.	Treatment Name	Rate	Rate Unit	Growth Stage	21	22	23		
1	Command V-10142	1	PT/A	PRE	95	a5	g	80	g
	COC	0.1	LB A/A	4-5 lf					
2	Command V-10142	1	PT/A	PRE	95	a6	g	86	g
	COC	0.2	LB A/A	4-5 lf					
3	Command Clincher	1	PT/A	PRE	0	d1	h	22	h
	COC	13.5	OZ/A	4-5 lf					
4	Command Ricestar	1	PT/A	PRE	0	d1	h	12	h
	COC	17	OZ/A	4-5 lf					
5	Command Regiment	1	PT/A	PRE	80	b7	ef	104	ef
	Dyne-A-Pak	0.5	OZ/A	4-5 lf					
6	Command Facet	1	PT/A	PRE	80	b7	def	107	def
	COC	0.5	LB/A	4-5 lf					
7	Command Stam M4	1	PT/A	PRE	77	c9	bc	132	bc
	COC	4	QT/A	4-5 lf					
8	Command Clincher	1	PT/A	PRE	95	a8	cde	118	cde
	V-10142	13.5	OZ/A	4-5 lf					
	COC	0.1	LB A/A	4-5 lf					
9	Command Ricestar	1	PT/A	PRE	95	a8	cde	119	cde
	V-10142	17	OZ/A	4-5 lf					
	COC	0.1	LB A/A	4-5 lf					
10	Command Regiment	1	PT/A	PRE	95	a10	a	154	a
	V-10142	0.5	OZ/A	4-5 lf					
	Dyne-A-Pak	0.1	LB A/A	4-5 lf					
	COC	1.5	% V/V	4-5 lf					

LSU Northeast Research Station

Pest Type			
Pest Code		CYPIR	
Pest Name			
Crop Code		ORYSA	ORYSA
Crop Name		Common rice	Common rice
Part Rated		PLATOT P GRAIN C	GRAIN C
Rating Date		18/Jul/06	13/Sep/06
Rating Data Type		CONTROL YIELD	YIELD
Rating Unit		%	lb/plot
Trt-Eval Interval		28 DA-B	

Trt	Treatment	Rate	Growth	21	22	23		
No.	Name	RateUnit	Stage					
11	Command	1 PT/A	PRE	95	a 8	bcd 124		bcd
	Facet	0.5 LB/A	4-5 lf					
	V-10142	0.1 LB A/A	4-5 lf					
	COC	1 QT/A	4-5 lf					
12	Command	1 PT/A	PRE	98	a 11	a 164		a
	Stam M4	4 QT/A	4-5 lf					
	V-10142	0.1 LB A/A	4-5 lf					
	NIS	0.25 % V/V	4-5 lf					
13	Command	1 PT/A	PRE	96	a 8	bcd 122		bcd
	Clincher	13.5 OZ/A	4-5 lf					
	V-10142	0.2 LB A/A	4-5 lf					
	COC	1 QT/A	4-5 lf					
14	Command	1 PT/A	PRE	95	a 8	bcd 122		bcd
	Ricestar	17 OZ/A	4-5 lf					
	V-10142	0.2 LB A/A	4-5 lf					
	COC	1 % V/V	4-5 lf					
15	Command	1 PT/A	PRE	95	a 9	b 137		b
	Regiment	0.5 OZ/A	4-5 lf					
	V-10142	0.2 LB A/A	4-5 lf					
	Dyne-A-Pak	1.5 % V/V	4-5 lf					
16	Command	1 PT/A	PRE	95	a 7	f 100		f
	Facet	0.5 LB/A	4-5 lf					
	V-10142	0.2 LB A/A	4-5 lf					
	COC	1 QT/A	4-5 lf					
17	Command	1 PT/A	PRE	96	a 11	a 160		a
	Stam M4	4 QT/A	4-5 lf					
	V-10142	0.2 LB A/A	4-5 lf					
	NIS	0.25 % V/V	4-5 lf					

LSU Northeast Research Station

Pest Type			
Pest Code		CYPIR	
Pest Name			
Crop Code		ORYSA	ORYSA
Crop Name		Common rice	Common rice
Part Rated		PLATOT P GRAIN C	GRAIN C
Rating Date		18/Jul/06	13/Sep/06
Rating Date Type		CONTROL YIELD	YIELD
Rating Unit		%	lb/plot
Trt-Eval Interval		28 DA-B	

Trt Treatment	Rate	Growth					
No. Name	Rate Unit	Stage	21	22	23		
18 Command	1 PT/A	PRE	0	d0	i	0	i
LSD (P=.10)			2.3	0.7		10.7	
Standard Deviation			1.7	0.5		7.7	
CV			2.15	7.47		7.47	
Grand Mean			76.78	6.89		103.54	
Bartlett's X2			2.939	20.968		20.966	
P(Bartlett's X2)			0.401	0.18		0.18	
Replicate F			1.057	0.676		0.675	
Replicate Prob(F)			0.3585	0.5153		0.5160	
Treatment F			1414.263	116.453		116.446	
Treatment Prob(F)			0.0001	0.0001		0.0001	

Means followed by same letter do not significantly differ (P=.10, Student-Newman-Keuls)

Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

Column 23: TY1 = 15.03333*[C22]