

Overall Moisture Conditions: Dry

Closest Weather Station: Northeast Research Station

Distance: 0.5

Unit: MI

Date	Amount	Unit	Type
1. 2/May/07	0.04	IN	
2. 3/May/07	1.24	IN	
3. 14/May/07			FLUSH
4. 15/May/07	0.02	IN	
5. 16/May/07	0.01	IN	
6. 17/May/07	0.01	IN	
7. 21/May/07			FLUSH
8. 3/Jun/07	0.02	IN	
9. 12/Jun/07			FERTILIZE - 300# prilled urea
10. 12/Jun/07			FLOOD
11. 16/Jun/07	0.01	IN	
12. 18/Jun/07	0.02	IN	
13. 19/Jun/07	0.4	IN	
14. 2/Jul/07	0.3	IN	
15. 3/Jul/07	0.06	IN	
16. 4/Jul/07	1.14	IN	
17. 5/Jul/07	0.31	IN	
18. 6/Jul/07	0.27	IN	
19. 7/Jul/07	1.39	IN	
20. 9/Jul/07	0.36	IN	
21. 10/Jul/07	0.01	IN	
22. 11/Jul/07	0.27	IN	
23. 13/Jul/07	0.3	IN	
24. 14/Jul/07	1.96	IN	
25. 15/Jul/07	2.8	IN	
26. 17/Jul/07	1.56	IN	
27. 20/Jul/07	0.93	IN	
28. 21/Jul/07	0.1	IN	
29. 22/Jul/07	0.01	IN	
30. 30/Jul/07	2.35	IN	

Application Description

	A	B	C	D	E
Application Date:	14/May/07	29/May/07	9/Jun/07	20/Jun/07	29/Jun/07
Application Method:	SPRAY	SPRAY	SPRAY	SPRAY	SPRAY
Application Timing:	PRE	1-3 LW	3 DPF	1 WAF	10 DAD
Application Placement:	BROSOI	BROFOL	BROFOL	BROFOL	BROFOL
Air Temperature, Unit:	89 F	84 F	95 F	90 F	95 F
% Relative Humidity:	40	68	50	49	62
Wind Velocity, Unit:	3 MPH	5 MPH	4 MPH	3 MPH	1 MPH
Wind Direction:	NE	SE	W	N	S
Soil Temperature, Unit:	80 F	82 F	90 F	91 F	88 F
Soil Moisture:		DAMP		FLOODED	FLOODED
% Cloud Cover:	0			10	

Crop Stage At Each Application

	A	B	C	D	E
Crop 1 Code, BBCH Scale:	ORYSA	BRICORYSA	BRICORYSA	BRICORYSA	BRICORYSA
Stage Scale Used:	N/A	2-3 LF	5 LF	1 T	TILLERING
Stage Majority, Percent:			6"	12"	
Stage Maximum, Percent:			8"	14"	

Pest Stage At Each Application

	A	B	C	D	E
Pest 1 Code, Disc., Scale:	CYPES	WCYPES	WCYPES	WCYPES	WCYPES
Stage Majority, Percent:		6-8 LF	10-12		
Stage Minimum, Percent:		6"	10"		
Stage Maximum, Percent:		8"	12"		

Pest 2 Code, Disc., Scale:	SEBEX	WSEBEX	WSEBEX	WSEBEX	WSEBEX	W
Stage Majority, Percent:		3-4 LF	6-8 LF			
Stage Minimum, Percent:		1"	4"			
Stage Maximum, Percent:		1.5"	5"			
Pest 3 Code, Disc., Scale:	CNPPA	WCNPPA	WCNPPA	WCNPPA	WCNPPA	W
Stage Majority, Percent:		2-3 LF	5-6 LF			
Stage Minimum, Percent:		1"	5"			
Stage Maximum, Percent:		5"	6"			
Pest 4 Code, Disc., Scale:	CYPCP	WCYPCP	WCYPCP	WCYPCP	WCYPCP	W
Stage Majority, Percent:		1-2 L	4-5 LF			
Stage Minimum, Percent:		.5"	1"			
Stage Maximum, Percent:		.5"	2"			
Pest 5 Code, Disc., Scale:	ECHCG	WECHCG	WECHCG	WECHCG	WECHCG	W
Stage Majority, Percent:		2-3 LF	1-2 T			
Stage Minimum, Percent:		.5"	3"			
Stage Maximum, Percent:		.5"	4"			
Pest 6 Code, Disc., Scale:	LEFPA	WLEFPA	WLEFPA	WLEFPA	WLEFPA	W
Stage Majority, Percent:		4-5 LF	1-2 T	3-4 T		
Stage Minimum, Percent:		.5"	3"	12"		
Stage Maximum, Percent:		.5"	4"	14"		

Application Equipment

	A	B	C
Appl. Equipment:	Backpack	Backpack	Backpack
Operating Pressure, Unit:	31 PSI	31 PSI	31 PSI
Nozzle Type:	Greenleaf	Greenleaf	Greenleaf
Nozzle Size:	11002	11002	11002
Nozzle Spacing, Unit:	20 IN	20 IN	20 IN
Nozzles/Row:	2	2	2
Ground Speed, Unit:	2.8 MPH	2.8 MPH	2.8 MPH
Carrier:	Water	Water	Water
Spray Volume, Unit:	15 GAL/AC	15 GAL/AC	15 GAL/AC
Propellant:	CO2	CO2	CO2
	D	E	
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 grass control in drill-seeded rice with Clincher.

Trial ID: SJ07R002 Protocol ID: SJ07R002
 Location: Study Director: J4A014
 Investigator: Bill Williams

Pest Type				
Pest Code	ECHCG	ECHCG	ECHCG	ECHCG
Crop Code				
Crop Name				
Part Rated	PLATOT P	PLATOT P	PLATOT P	PLATOT P
Rating Date	1/Jun/07	8/Jun/07	15/Jun/07	22/Jun/07
Rating Data Type	CONTROL	CONTROL	CONTROL	CONTROL
Rating Unit	%	%	%	%
Number of Subsamples				
Crop Stage				
Crop Stage Scale				
Pest Stage				
Pest Density, Unit				
Footnote Number				
Assessed By				
Rating Timing				
Trt-Eval Interval	3 DA-B	10 DA-B	6 DA-C	13 DA-C
ARM Action Codes				
Number of Decimals				

Trt No.	Treatment Name	Rate	Growth Unit	Stage	1	2	3	4	
1	Command	21	OZ/A	PRE	92	a 87	b 83	b 67	b
2	Command	17	OZ/A	1-3 lfw	0	b 90	ab 93	a 90	a
	Clincher	10	OZ/A	1-3 lfw					
	Methylated Seed Oil (MSO)	1	QT/A	1-3 lfw					
	Grandstand	12	OZ/A	3 DPF					
	Permit	0.5	OZ/A	3 DPF					
	Agridex	1	PT/A	3 DPF					
3	Command	17	OZ/A	1-3 lfw	0	b 90	ab 93	a 93	a
	Clincher	13.5	OZ/A	1-3 lfw					
	Methylated Seed Oil (MSO)	1	QT/A	1-3 lfw					
	Grandstand	12	OZ/A	3 DPF					
	Permit	0.5	OZ/A	3 DPF					
	Agridex	1	PT/A	3 DPF					
4	Command	13	OZ/A	1-3 lfw	0	b 90	ab 90	a 90	a
	Clincher	10	OZ/A	1-3 lfw					
	Methylated Seed Oil (MSO)	1	QT/A	1-3 lfw					
	Grandstand	12	OZ/A	3 DPF					
	Permit	0.5	OZ/A	3 DPF					
	Agridex	1	PT/A	3 DPF					

	Clincher	15	OZ/A 1 WAF					
	Methylated Seed Oil (MSO)	1	QT/A 1 WAF					
5	Facet	0.5	LB/A 1-3 lfw	0	b 90	ab 93	a 92	a
	Clincher	10	OZ/A 1-3 lfw					
	Methylated Seed Oil (MSO)	1	QT/A 1-3 lfw					
	Grandstand	12	OZ/A 3 DPF					
	Permit	0.5	OZ/A 3 DPF					
	Agridex	1	PT/A 3 DPF					
6	Facet	0.5	LB/A 1-3 lfw	0	b 90	ab 90	a 88	a
	Clincher	13.5	OZ/A 1-3 lfw					
	Methylated Seed Oil (MSO)	1	QT/A 1-3 lfw					
	Grandstand	12	OZ/A 3 DPF					
	Permit	0.5	OZ/A 3 DPF					
	Agridex	1	PT/A 3 DPF					
7	Facet	0.5	LB/A 1-3 lfw	0	b 90	ab 90	a 92	a
	Clincher	10	OZ/A 1-3 lfw					
	Methylated Seed Oil (MSO)	1	QT/A 1-3 lfw					
	Grandstand	12	OZ/A 3 DPF					
	Permit	0.5	OZ/A 3 DPF					
	Agridex	1	PT/A 3 DPF					
	Clincher	15	OZ/A 1 WAF					
	Methylated Seed Oil (MSO)	1	QT/A 1 WAF					
8	Command	21	OZ/A PRE	90	a 87	b 90	a 87	a
	Grandstand	12	OZ/A 3 DPF					
	Permit	0.5	OZ/A 3 DPF					
	Agridex	1	PT/A 3 DPF					
9	Command	21	OZ/A PRE	90	a 90	ab 90	a 90	a
	Grandstand	12	OZ/A 3 DPF					
	Permit	0.5	OZ/A 3 DPF					
	Agridex	1	PT/A 3 DPF					
	Clincher	15	OZ/A 1 WAF					
	Methylated Seed Oil (MSO)	1	QT/A 1 WAF					
10	Command	21	OZ/A PRE	90	a 90	ab 90	a 87	a
	Grasp	2	OZ/A 3 DPF					
	Methylated Seed Oil (MSO)	1	QT/A 3 DPF					
	Clincher	15	OZ/A 1 WAF					
	Methylated Seed Oil (MSO)	1	QT/A 1 WAF					
11	Command	17	OZ/A 1-3 lfw	0	b 90	ab 90	a 88	a
	Clincher	13.5	OZ/A 1-3 lfw					
	Methylated Seed Oil (MSO)	1	QT/A 1-3 lfw					
	Grandstand	12	OZ/A 3 DPF					
	Permit	0.5	OZ/A 3 DPF					
	Agridex	1	PT/A 3 DPF					
	Grasp	2.5	OZ/A 1 WAF					
	Methylated Seed Oil (MSO)	1	QT/A 1 WAF					
12	Command	21	OZ/A PRE	92	a 90	ab 90	a 88	a
	Grandstand	12	OZ/A 3 DPF					
	Permit	0.5	OZ/A 3 DPF					
	Agridex	1	PT/A 3 DPF					
	Clincher	15	OZ/A 1 WAF					
	Methylated Seed Oil (MSO)	1	QT/A 1 WAF					
	Clincher	10	OZ/A 10 DAD					

	Methylated Seed Oil (MSO)1	17	QT/A 10 DAD					
13	Command	17	OZ/A 1-3 lfw	0	b90	ab88	a92	a
	Grasp	2	OZ/A 1-3 lfw					
	Methylated Seed Oil (MSO)1	17	QT/A 1-3 lfw					
14	Command	17	OZ/A 1-3 lfw	0	b93	a90	a90	a
	Grasp	2	OZ/A 1-3 lfw					
	Methylated Seed Oil (MSO)1	15	QT/A 1-3 lfw					
	Clincher	15	OZ/A 1 WAF					
	Methylated Seed Oil (MSO)1	15	QT/A 1 WAF					
15	nontreated			0	b0	c0	c0	c
LSD (P=.10)				3.0	2.9	2.9	6.5	
Standard Deviation				2.1	2.1	2.1	4.7	
CV				7.1	2.49	2.45	5.69	
Grand Mean				30.22	83.78	84.11	82.22	
Bartlett's X2				1.227	1.016	1.83	5.765	
P(Bartlett's X2)				0.874	0.602	0.767	0.889	
Replicate F				5.914	3.182	1.701	0.102	
Replicate Prob(F)				0.0072	0.0569	0.2008	0.9037	
Treatment F				1275.741	370.764	386.598	76.316	
Treatment Prob(F)				0.0001	0.0001	0.0001	0.0001	

LSU Northeast Research Station

Pest Type				
Pest Code	ECHCG	ECHCG	ECHCG	ECHCG
Crop Code				
Crop Name				
Part Rated	PLATOT P	PLATOT P	PLATOT P	PLATOT P
Rating Date	1/Jun/07	8/Jun/07	15/Jun/07	22/Jun/07
Rating Data Type	CONTROL	CONTROL	CONTROL	CONTROL
Rating Unit	%	%	%	%
Number of Subsamples				
Crop Stage				
Crop Stage Scale				
Pest Stage				
Pest Density, Unit				
Footnote Number				
Assessed By				
Rating Timing				
Trt-Eval Interval	3 DA-B	10 DA-B	6 DA-C	13 DA-C
ARM Action Codes				
Number of Decimals				
Trt Treatment		Rate	Growth	
No.Name		RateUnit	Stage	1
				2
				3
				4

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.

Clincher	15	OZ/A 1 WAF						
Methylated Seed Oil (MSO)1		QT/A 1 WAF						
15 nontreated			0	e	0	e	0	d 0 b
LSD (P=.10)			4.9		5.6		10.2	3.9
Standard Deviation			3.5		4.0		7.4	2.8
CV			4.25		5.03		9.65	9.21
Grand Mean			82.22		80.44		76.22	30.11
Bartlett's X2			3.895		6.213		12.829	1.665
P(Bartlett's X2)			0.918		0.515		0.461	0.797
Replicate F			0.318		0.237		1.858	4.402
Replicate Prob(F)			0.7301		0.7903		0.1747	0.0218
Treatment F			141.007		103.400		31.462	757.495
Treatment Prob(F)			0.0001		0.0001		0.0001	0.0001

LSU Northeast Research Station

Pest Type				
Pest Code	ECHCG	ECHCG	ECHCG	LEFPA
Crop Code				
Crop Name				
Part Rated	PLATOT P	PLATOT P	PLATOT P	PLATOT P
Rating Date	5/Jul/07	9/Jul/07	23/Jul/07	1/Jun/07
Rating Data Type	CONTROL	CONTROL	CONTROL	CONTROL
Rating Unit	%	%	%	%
Number of Subsamples				
Crop Stage				
Crop Stage Scale				
Pest Stage				
Pest Density, Unit				
Footnote Number				
Assessed By				
Rating Timing				
Trt-Eval Interval	15 DA-D	10 DA-E	24 DA-E	3 DA-B
ARM Action Codes				
Number of Decimals				
Trt Treatment		Rate	Growth	
No. Name		RateUnit	Stage	5
				6
				7
				8

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
Crop Code				
Crop Name				
Part Rated	PLATOT P	PLATOT P	PLATOT P	PLATOT P
Rating Date	8/Jun/07	15/Jun/07	22/Jun/07	29/Jun/07
Rating Data Type	CONTROL	CONTROL	CONTROL	CONTROL
Rating Unit	%	%	%	%
Number of Subsamples				
Crop Stage				
Crop Stage Scale				
Pest Stage				
Pest Density, Unit				
Footnote Number				
Assessed By				
Rating Timing				
Trt-Eval Interval	10 DA-B	6 DA-C	13 DA-C	9 DA-D
ARM Action Codes				
Number of Decimals				

Trt No.	Treatment Name	Rate	Growth Unit	Stage	9	10	11	12	
1	Command	21	OZ/A	PRE	90	a 63	c 57	c 53	c
2	Command	17	OZ/A	1-3 lfw	90	a 93	a 90	a 92	a
	Clincher	10	OZ/A	1-3 lfw					
	Methylated Seed Oil (MSO)	1	QT/A	1-3 lfw					
	Grandstand	12	OZ/A	3 DPF					
	Permit	0.5	OZ/A	3 DPF					
	Agridex	1	PT/A	3 DPF					
3	Command	17	OZ/A	1-3 lfw	90	a 93	a 90	a 92	a
	Clincher	13.5	OZ/A	1-3 lfw					
	Methylated Seed Oil (MSO)	1	QT/A	1-3 lfw					
	Grandstand	12	OZ/A	3 DPF					
	Permit	0.5	OZ/A	3 DPF					
	Agridex	1	PT/A	3 DPF					
4	Command	13	OZ/A	1-3 lfw	90	a 90	ab 90	a 92	a
	Clincher	10	OZ/A	1-3 lfw					
	Methylated Seed Oil (MSO)	1	QT/A	1-3 lfw					
	Grandstand	12	OZ/A	3 DPF					
	Permit	0.5	OZ/A	3 DPF					
	Agridex	1	PT/A	3 DPF					
	Clincher	15	OZ/A	1 WAF					
	Methylated Seed Oil (MSO)	1	QT/A	1 WAF					
5	Facet	0.5	LB/A	1-3 lfw	90	a 93	a 73	b 73	ab
	Clincher	10	OZ/A	1-3 lfw					
	Methylated Seed Oil (MSO)	1	QT/A	1-3 lfw					
	Grandstand	12	OZ/A	3 DPF					
	Permit	0.5	OZ/A	3 DPF					

	Agridex	1	PT/A 3 DPF					
6	Facet	0.5	LB/A 1-3 lfw	90	a 90	ab 63	c 77	ab
	Clincher	13.5	OZ/A 1-3 lfw					
	Methylated Seed Oil (MSO)	1	QT/A 1-3 lfw					
	Grandstand	12	OZ/A 3 DPF					
	Permit	0.5	OZ/A 3 DPF					
	Agridex	1	PT/A 3 DPF					
7	Facet	0.5	LB/A 1-3 lfw	90	a 63	c 83	a 77	ab
	Clincher	10	OZ/A 1-3 lfw					
	Methylated Seed Oil (MSO)	1	QT/A 1-3 lfw					
	Grandstand	12	OZ/A 3 DPF					
	Permit	0.5	OZ/A 3 DPF					
	Agridex	1	PT/A 3 DPF					
	Clincher	15	OZ/A 1 WAF					
	Methylated Seed Oil (MSO)	1	QT/A 1 WAF					
8	Command	21	OZ/A PRE	90	a 87	ab 83	a 85	ab
	Grandstand	12	OZ/A 3 DPF					
	Permit	0.5	OZ/A 3 DPF					
	Agridex	1	PT/A 3 DPF					
9	Command	21	OZ/A PRE	90	a 90	ab 90	a 90	a
	Grandstand	12	OZ/A 3 DPF					
	Permit	0.5	OZ/A 3 DPF					
	Agridex	1	PT/A 3 DPF					
	Clincher	15	OZ/A 1 WAF					
	Methylated Seed Oil (MSO)	1	QT/A 1 WAF					
10	Command	21	OZ/A PRE	90	a 90	ab 87	a 93	a
	Grasp	2	OZ/A 3 DPF					
	Methylated Seed Oil (MSO)	1	QT/A 3 DPF					
	Clincher	15	OZ/A 1 WAF					
	Methylated Seed Oil (MSO)	1	QT/A 1 WAF					
11	Command	17	OZ/A 1-3 lfw	90	a 90	ab 87	a 95	a
	Clincher	13.5	OZ/A 1-3 lfw					
	Methylated Seed Oil (MSO)	1	QT/A 1-3 lfw					
	Grandstand	12	OZ/A 3 DPF					
	Permit	0.5	OZ/A 3 DPF					
	Agridex	1	PT/A 3 DPF					
	Grasp	2.5	OZ/A 1 WAF					
	Methylated Seed Oil (MSO)	1	QT/A 1 WAF					
12	Command	21	OZ/A PRE	90	a 90	ab 87	a 93	a
	Grandstand	12	OZ/A 3 DPF					
	Permit	0.5	OZ/A 3 DPF					
	Agridex	1	PT/A 3 DPF					
	Clincher	15	OZ/A 1 WAF					
	Methylated Seed Oil (MSO)	1	QT/A 1 WAF					
	Clincher	10	OZ/A 10 DAD					
	Methylated Seed Oil (MSO)	1	QT/A 10 DAD					
13	Command	17	OZ/A 1-3 lfw	90	a 83	b 60	c 67	b
	Grasp	2	OZ/A 1-3 lfw					
	Methylated Seed Oil (MSO)	1	QT/A 1-3 lfw					
14	Command	17	OZ/A 1-3 lfw	90	a 90	ab 88	a 77	ab
	Grasp	2	OZ/A 1-3 lfw					
	Methylated Seed Oil (MSO)	1	QT/A 1-3 lfw					

Clincher	15	OZ/A 1 WAF					
Methylated Seed Oil (MSO)1		QT/A 1 WAF					
15 nontreated			0	b0	d 0	d0	d
LSD (P=.10)			0.0	4.0	7.6	12.6	
Standard Deviation			0.0	2.9	5.5	9.0	
CV			0.0	3.61	7.32	11.74	
Grand Mean			84.0	80.44	75.22	77.0	
Bartlett's X2			0.0	3.025	3.244	25.471	
P(Bartlett's X2)			.	0.806	0.987	0.008*	
Replicate F			0.000	1.849	5.791	0.571	
Replicate Prob(F)			1.0000	0.1761	0.0079	0.5716	
Treatment F			0.000	209.925	56.186	21.866	
Treatment Prob(F)			1.0000	0.0001	0.0001	0.0001	

LSU Northeast Research Station

Pest Type				
Pest Code	LEFPA	LEFPA	LEFPA	LEFPA
Crop Code				
Crop Name				
Part Rated	PLATOT P	PLATOT P	PLATOT P	PLATOT P
Rating Date	8/Jun/07	15/Jun/07	22/Jun/07	29/Jun/07
Rating Data Type	CONTROL	CONTROL	CONTROL	CONTROL
Rating Unit	%	%	%	%
Number of Subsamples				
Crop Stage				
Crop Stage Scale				
Pest Stage				
Pest Density, Unit				
Footnote Number				
Assessed By				
Rating Timing				
Trt-Eval Interval	10 DA-B	6 DA-C	13 DA-C	9 DA-D
ARM Action Codes				
Number of Decimals				
Trt Treatment		Rate	Growth	
No. Name		RateUnit	Stage	9
				10
				11
				12

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
 Crop Code ORYSA
 Crop Name Common rice
 Part Rated PLATOT P PLATOT P PLATOT P GRAIN C
 Rating Date 5/Jul/07 9/Jul/07 23/Jul/07 18/Sep/07
 Rating Data Type CONTROL CONTROL CONTROL Yiled
 Rating Unit % % % lb/plt
 Number of Subsamples
 Crop Stage
 Crop Stage Scale
 Pest Stage
 Pest Density, Unit
 Footnote Number
 Assessed By
 Rating Timing
 Trt-Eval Interval 6 DA-E 10 DA-E 24 DA-E
 ARM Action Codes
 Number of Decimals

Trt	Treatment	Rate	Growth	13	14	15	16	
No.	Name	Unit	Stage					
1	Command	21	OZ/A PRE	53	d 47	d 47	c 8	d
2	Command	17	OZ/A 1-3 lfw	90	ab 92	ab 83	a 11	bc
	Clincher	10	OZ/A 1-3 lfw					
	Methylated Seed Oil (MSO)	1	QT/A 1-3 lfw					
	Grandstand	12	OZ/A 3 DPF					
	Permit	0.5	OZ/A 3 DPF					
	Agridex	1	PT/A 3 DPF					
3	Command	17	OZ/A 1-3 lfw	92	ab 92	ab 88	a 14	a
	Clincher	13.5	OZ/A 1-3 lfw					
	Methylated Seed Oil (MSO)	1	QT/A 1-3 lfw					
	Grandstand	12	OZ/A 3 DPF					
	Permit	0.5	OZ/A 3 DPF					
	Agridex	1	PT/A 3 DPF					
4	Command	13	OZ/A 1-3 lfw	87	abc 93	a 92	a 12	ab
	Clincher	10	OZ/A 1-3 lfw					
	Methylated Seed Oil (MSO)	1	QT/A 1-3 lfw					
	Grandstand	12	OZ/A 3 DPF					
	Permit	0.5	OZ/A 3 DPF					
	Agridex	1	PT/A 3 DPF					
	Clincher	15	OZ/A 1 WAF					
	Methylated Seed Oil (MSO)	1	QT/A 1 WAF					
5	Facet	0.5	LB/A 1-3 lfw	83	bc 77	c 53	bc 11	bc
	Clincher	10	OZ/A 1-3 lfw					
	Methylated Seed Oil (MSO)	1	QT/A 1-3 lfw					
	Grandstand	12	OZ/A 3 DPF					
	Permit	0.5	OZ/A 3 DPF					

	Agridex	1	PT/A 3 DPF					
6	Facet	0.5	LB/A 1-3 lfw	92	ab 80	c 60	b 11	bc
	Clincher	13.5	OZ/A 1-3 lfw					
	Methylated Seed Oil (MSO)	1	QT/A 1-3 lfw					
	Grandstand	12	OZ/A 3 DPF					
	Permit	0.5	OZ/A 3 DPF					
	Agridex	1	PT/A 3 DPF					
7	Facet	0.5	LB/A 1-3 lfw	83	bc 85	abc 88	a 12	bc
	Clincher	10	OZ/A 1-3 lfw					
	Methylated Seed Oil (MSO)	1	QT/A 1-3 lfw					
	Grandstand	12	OZ/A 3 DPF					
	Permit	0.5	OZ/A 3 DPF					
	Agridex	1	PT/A 3 DPF					
	Clincher	15	OZ/A 1 WAF					
	Methylated Seed Oil (MSO)	1	QT/A 1 WAF					
8	Command	21	OZ/A PRE	85	abc 82	bc 83	a 10	c
	Grandstand	12	OZ/A 3 DPF					
	Permit	0.5	OZ/A 3 DPF					
	Agridex	1	PT/A 3 DPF					
9	Command	21	OZ/A PRE	90	ab 90	ab 82	a 11	bc
	Grandstand	12	OZ/A 3 DPF					
	Permit	0.5	OZ/A 3 DPF					
	Agridex	1	PT/A 3 DPF					
	Clincher	15	OZ/A 1 WAF					
	Methylated Seed Oil (MSO)	1	QT/A 1 WAF					
10	Command	21	OZ/A PRE	92	ab 93	a 80	a 11	bc
	Grasp	2	OZ/A 3 DPF					
	Methylated Seed Oil (MSO)	1	QT/A 3 DPF					
	Clincher	15	OZ/A 1 WAF					
	Methylated Seed Oil (MSO)	1	QT/A 1 WAF					
11	Command	17	OZ/A 1-3 lfw	90	ab 92	ab 87	a 12	bc
	Clincher	13.5	OZ/A 1-3 lfw					
	Methylated Seed Oil (MSO)	1	QT/A 1-3 lfw					
	Grandstand	12	OZ/A 3 DPF					
	Permit	0.5	OZ/A 3 DPF					
	Agridex	1	PT/A 3 DPF					
	Grasp	2.5	OZ/A 1 WAF					
	Methylated Seed Oil (MSO)	1	QT/A 1 WAF					
12	Command	21	OZ/A PRE	93	a 93	a 93	a 11	bc
	Grandstand	12	OZ/A 3 DPF					
	Permit	0.5	OZ/A 3 DPF					
	Agridex	1	PT/A 3 DPF					
	Clincher	15	OZ/A 1 WAF					
	Methylated Seed Oil (MSO)	1	QT/A 1 WAF					
	Clincher	10	OZ/A 10 DAD					
	Methylated Seed Oil (MSO)	1	QT/A 10 DAD					
13	Command	17	OZ/A 1-3 lfw	80	c 80	c 80	a 10	bc
	Grasp	2	OZ/A 1-3 lfw					
	Methylated Seed Oil (MSO)	1	QT/A 1-3 lfw					
14	Command	17	OZ/A 1-3 lfw	92	ab 92	ab 92	a 11	bc
	Grasp	2	OZ/A 1-3 lfw					
	Methylated Seed Oil (MSO)	1	QT/A 1-3 lfw					

Clincher	15	OZ/A 1 WAF						
Methylated Seed Oil (MSO)1		QT/A 1 WAF						
15 nontreated			0	e	0	e	0	d 0
								e
LSD (P=.10)			4.9		6.3		8.1	1.3
Standard Deviation			3.5		4.6		5.9	1.0
CV			4.41		5.76		7.92	9.28
Grand Mean			80.11		79.11		73.89	10.35
Bartlett's X2			5.283		10.698		7.897	8.409
P(Bartlett's X2)			0.871		0.469		0.793	0.816
Replicate F			4.057		0.828		1.087	0.163
Replicate Prob(F)			0.0284		0.4472		0.3511	0.8508
Treatment F			141.446		89.821		54.565	31.622
Treatment Prob(F)			0.0001		0.0001		0.0001	0.0001

LSU Northeast Research Station

Pest Type				
Pest Code	LEFPA	LEFPA	LEFPA	
Crop Code				ORYSA
Crop Name				Common rice
Part Rated	PLATOT P	PLATOT P	PLATOT P	GRAIN C
Rating Date	5/Jul/07	9/Jul/07	23/Jul/07	18/Sep/07
Rating Data Type	CONTROL	CONTROL	CONTROL	Yield
Rating Unit	%	%	%	lb/plt
Number of Subsamples				
Crop Stage				
Crop Stage Scale				
Pest Stage				
Pest Density, Unit				
Footnote Number				
Assessed By				
Rating Timing				
Trt-Eval Interval	6 DA-E	10 DA-E	24 DA-E	
ARM Action Codes				
Number of Decimals				
Trt Treatment		Rate	Growth	
No. Name		RateUnit	Stage	13 14 15 16

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		
Crop Code	ORYSA	ORYSA
Crop Name	Common rice	Common rice
Part Rated	GRAIN C	GRAIN C
Rating Date	18/Sep/07	18/Sep/07
Rating Data Type	Moisture	YIELD
Rating Unit	%	BU
Number of Subsamples		
Crop Stage		
Crop Stage Scale		
Pest Stage		
Pest Density, Unit		
Footnote Number		
Assessed By		
Rating Timing		
Trt-Eval Interval		
ARM Action Codes		TY1
Number of Decimals		1

Trt	Treatment	Rate	Growth			
No.	Name	Rate	Unit	Stage	17	18
1	Command	21	OZ/A	PRE	12	b 132.5 d
2	Command	17	OZ/A	1-3 lfw	12	b 183.7 bc
	Clincher	10	OZ/A	1-3 lfw		
	Methylated Seed Oil (MSO)	1	QT/A	1-3 lfw		
	Grandstand	12	OZ/A	3 DPF		
	Permit	0.5	OZ/A	3 DPF		
	Agridex	1	PT/A	3 DPF		
3	Command	17	OZ/A	1-3 lfw	12	b 220.6 a
	Clincher	13.5	OZ/A	1-3 lfw		
	Methylated Seed Oil (MSO)	1	QT/A	1-3 lfw		
	Grandstand	12	OZ/A	3 DPF		
	Permit	0.5	OZ/A	3 DPF		
	Agridex	1	PT/A	3 DPF		
4	Command	13	OZ/A	1-3 lfw	12	b 199.7 ab
	Clincher	10	OZ/A	1-3 lfw		
	Methylated Seed Oil (MSO)	1	QT/A	1-3 lfw		
	Grandstand	12	OZ/A	3 DPF		
	Permit	0.5	OZ/A	3 DPF		
	Agridex	1	PT/A	3 DPF		
	Clincher	15	OZ/A	1 WAF		
	Methylated Seed Oil (MSO)	1	QT/A	1 WAF		
5	Facet	0.5	LB/A	1-3 lfw	12	b 170.2 bc
	Clincher	10	OZ/A	1-3 lfw		
	Methylated Seed Oil (MSO)	1	QT/A	1-3 lfw		
	Grandstand	12	OZ/A	3 DPF		
	Permit	0.5	OZ/A	3 DPF		

	Agridex	1	PT/A 3 DPF			
6	Facet	0.5	LB/A 1-3 lfw	12	b 171.2	bc
	Clincher	13.5	OZ/A 1-3 lfw			
	Methylated Seed Oil (MSO)	1	QT/A 1-3 lfw			
	Grandstand	12	OZ/A 3 DPF			
	Permit	0.5	OZ/A 3 DPF			
	Agridex	1	PT/A 3 DPF			
7	Facet	0.5	LB/A 1-3 lfw	12	b 186.0	bc
	Clincher	10	OZ/A 1-3 lfw			
	Methylated Seed Oil (MSO)	1	QT/A 1-3 lfw			
	Grandstand	12	OZ/A 3 DPF			
	Permit	0.5	OZ/A 3 DPF			
	Agridex	1	PT/A 3 DPF			
	Clincher	15	OZ/A 1 WAF			
	Methylated Seed Oil (MSO)	1	QT/A 1 WAF			
8	Command	21	OZ/A PRE	14	a 151.7	cd
	Grandstand	12	OZ/A 3 DPF			
	Permit	0.5	OZ/A 3 DPF			
	Agridex	1	PT/A 3 DPF			
9	Command	21	OZ/A PRE	12	b 178.2	bc
	Grandstand	12	OZ/A 3 DPF			
	Permit	0.5	OZ/A 3 DPF			
	Agridex	1	PT/A 3 DPF			
	Clincher	15	OZ/A 1 WAF			
	Methylated Seed Oil (MSO)	1	QT/A 1 WAF			
10	Command	21	OZ/A PRE	13	b 181.5	bc
	Grasp	2	OZ/A 3 DPF			
	Methylated Seed Oil (MSO)	1	QT/A 3 DPF			
	Clincher	15	OZ/A 1 WAF			
	Methylated Seed Oil (MSO)	1	QT/A 1 WAF			
11	Command	17	OZ/A 1-3 lfw	12	b 189.8	bc
	Clincher	13.5	OZ/A 1-3 lfw			
	Methylated Seed Oil (MSO)	1	QT/A 1-3 lfw			
	Grandstand	12	OZ/A 3 DPF			
	Permit	0.5	OZ/A 3 DPF			
	Agridex	1	PT/A 3 DPF			
	Grasp	2.5	OZ/A 1 WAF			
	Methylated Seed Oil (MSO)	1	QT/A 1 WAF			
12	Command	21	OZ/A PRE	12	b 182.2	bc
	Grandstand	12	OZ/A 3 DPF			
	Permit	0.5	OZ/A 3 DPF			
	Agridex	1	PT/A 3 DPF			
	Clincher	15	OZ/A 1 WAF			
	Methylated Seed Oil (MSO)	1	QT/A 1 WAF			
	Clincher	10	OZ/A 10 DAD			
	Methylated Seed Oil (MSO)	1	QT/A 10 DAD			
13	Command	17	OZ/A 1-3 lfw	12	b 164.3	bc
	Grasp	2	OZ/A 1-3 lfw			
	Methylated Seed Oil (MSO)	1	QT/A 1-3 lfw			
14	Command	17	OZ/A 1-3 lfw	12	b 181.6	bc
	Grasp	2	OZ/A 1-3 lfw			
	Methylated Seed Oil (MSO)	1	QT/A 1-3 lfw			

Clincher	15	OZ/A 1 WAF		
Methylated Seed Oil (MSO)1		QT/A 1 WAF		
15 nontreated		0	c 0.0	e
LSD (P=.10)		0.7	21.69	
Standard Deviation		0.5	15.62	
CV		4.1	9.4	
Grand Mean		11.6	166.22	
Bartlett's X2		24.35	8.663	
P(Bartlett's X2)		0.028*	0.798	
Replicate F		2.908	0.113	
Replicate Prob(F)		0.0712	0.8934	
Treatment F		140.710	30.944	
Treatment Prob(F)		0.0001	0.0001	

LSU Northeast Research Station

Pest Type		
Pest Code		
Crop Code	ORYSA	ORYSA
Crop Name	Common rice	Common rice
Part Rated	GRAIN C	GRAIN C
Rating Date	18/Sep/07	18/Sep/07
Rating Data Type	Moisture	YIELD
Rating Unit	%	BU
Number of Subsamples		
Crop Stage		
Crop Stage Scale		
Pest Stage		
Pest Density, Unit		
Footnote Number		
Assessed By		
Rating Timing		
Trt-Eval Interval		
ARM Action Codes		TY1
Number of Decimals		1
Trt Treatment	Rate	Growth
No.Name	RateUnit	Stage
	17	18

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 18: TY1 = $16.13333 * [16] * (100 - [17]) / 88$