

	Date	Amount	Unit	Type
1.	2/May/07	0.04	IN	
2.	3/May/07	1.24	IN	
3.	15/May/07	0.02	IN	
4.	16/May/07	0.01	IN	
5.	17/May/07	0.01	IN	
6.	23/May/07			FLUSH
7.	30/May/07			FLUSH
8.	3/Jun/07	0.02	IN	
9.	16/Jun/07	0.01	IN	
10.	18/Jun/07	0.02	IN	
11.	19/Jun/07	0.4	IN	
12.	28/Jun/07			FERTILIZE - 300# prilled urea
13.	28/Jun/07			FLOOD
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

Application Date: 22/Jun/07
Application Method: SPRAY
Application Timing: 4-5 LF
Application Placement: BROFOL
Air Temperature, Unit: 93 F
% Relative Humidity: 42
Wind Velocity, Unit: 0 MPH
Soil Temperature, Unit: 92 F
Soil Moisture: DRY
% Cloud Cover: 65

Crop Stage At Each Application

A

Crop 1 Code, BBCH Scale: ORYSA BRIC
Stage Scale Used: 3 T
Stage Majority, Percent: 8"
Stage Maximum, Percent: 8"

Pest Stage At Each Application

A

Pest 1 Code, Disc., Scale: GLXMA W
Stage Majority, Percent: FLOWER
Pest 2 Code, Disc., Scale: SEBEX W
Stage Minimum, Percent: 8"
Stage Maximum, Percent: 8"
Pest 3 Code, Disc., Scale: CNPPA W
Stage Minimum, Percent: 6"
Stage Maximum, Percent: 6"
Pest 4 Code, Disc., Scale: ECHCG W

Stage Majority, Percent: 3 T
Stage Minimum, Percent: 6"
Stage Maximum, Percent: 6"
Pest 5 Code, Disc., Scale: CYPES W
Stage Minimum, Percent: 9"
Stage Maximum, Percent: 9"

Application Equipment

A

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

LSU Northeast Research Station

Effect of adjuvant selection on weed control with Grasp.

Trial ID: SJ07R008

Protocol ID: SJ07R008

Location:

Study Director:

Investigator: Bill Williams

Pest Type								
Pest Code								
Crop Code								
Part Rated								
Rating Date	ECHCG	ECHCG	ECHCG	SEBEX	SEBEX			
Rating Data Type	PLATOT	PPLATOT	PPLATOT	PPLATOT	PPLATOT			
Rating Unit	29/Jun/07	20/Jul/07	17/Aug/07	29/Jun/07	20/Jul/07			
Trt-Eval Interval	Control	Control	Control	Control	Control			
	%	%	%	%	%			
	7 DA-A	28 DA-A	56 DA-A	7 DA-A	28 DA-A			
Trt Treatment	Rate	Growth						
No. Name	Rate Unit	Stage	1	2	3	4	5	
1 Grasp	2.0 OZ/A	4-5 lf	90	a 85	a 92	a 90	a 87	a
Herbimax	1 % V/V	4-5 lf						
2 Grasp	2.0 OZ/A	4-5 lf	73	b 63	c 67	c 90	a 93	a
Agridex	0.25 % V/V	4-5 lf						
3 Grasp	2 OZ/A	4-5 lf	70	b 75	b 75	b 83	a 67	b
COC	1 % V/V	4-5 lf						
4 Grasp	2.0 OZ/A	4-5 lf	47	d 63	c 53	d 0	c 92	a
Supherb HC	0.5 % V/V	4-5 lf						
5 Grasp	2.0 OZ/A	4-5 lf	63	c 53	d 83	a 83	a 90	a
Supherb HC	1 % V/V	4-5 lf						
6 Grasp	2.0 OZ/A	4-5 lf	87	a 93	a 93	a 90	a 90	a
MSO + Leci Tec	1 % V/V	4-5 lf						
7 Grasp	2.0 OZ/A	4-5 lf	83	a 90	a 90	a 90	a 92	a
MSO	1 % V/V	4-5 lf						
8 Grasp	2.0 OZ/A	4-5 lf	90	a 93	a 93	a 90	a 93	a
Destiny	1 % V/V	4-5 lf						
9 Grasp	2.0 OZ/A	4-5 lf	57	c 73	bc 67	c 30	b 30	c
Inergy	1 % V/V	4-5 lf						
10 Grasp	2.0 OZ/A	4-5 lf	57	c 67	bc 63	c 83	a 92	a
Dyne-Amic	1 % V/V	4-5 lf						
11 Grasp	2.0 OZ/A	4-5 lf	90	a 88	a 88	a 90	a 92	a
Phase	1 % V/V	4-5 lf						
12 Grasp	2.0 OZ/A	4-5 lf	88	a 87	a 87	a 90	a 87	a
Soy Surf +	1 % V/V	4-5 lf						
LSD (P=.10)			6.2	7.4	6.4	4.0	5.4	
Standard Deviation			4.4	5.3	4.6	2.9	3.9	
CV			5.92	6.77	5.8	3.81	4.62	
Grand Mean			74.58	77.64	79.31	75.83	83.61	
Bartlett's X2			1.079	4.836	6.846	0.0	3.801	
P(Bartlett's X2)			0.993	0.939	0.811	1.00	0.924	

Replicate F	1.388	0.780	5.943	1.000	0.746
Replicate Prob(F)	0.2705	0.4705	0.0086	0.3840	0.4860
Treatment F	37.680	20.181	26.827	308.455	67.915
Treatment Prob(F)	0.0001	0.0001	0.0001	0.0001	0.0001

LSU Northeast Research Station

Pest Type					
Pest Code		ECHCG	ECHCG	ECHCG	SEBEX SEBEX
Crop Code					
Part Rated		PLATOT	PPLATOT	PPLATOT	PPLATOT P
Rating Date		29/Jun/07	20/Jul/07	17/Aug/07	29/Jun/07 20/Jul/07
Rating Data Type		Control	Control	Control	Control
Rating Unit		%	%	%	%
Trt-Eval Interval		7 DA-A	28 DA-A	56 DA-A	7 DA-A 28 DA-A
Trt Treatment	Rate	Growth			
No.Name	Rate Unit	Stage	1	2	3 4 5

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		SEBEX	GLYMX	CNPPA	CNPPA	YELLOWIN
Crop Code						ORYSA
Part Rated		PLATOT	PPLATOT	PPLATOT	PPLATOT	PPLATOT C
Rating Date		17/Aug/07	29/Jun/07	20/Jul/07	17/Aug/07	29/Jun/07
Rating Data Type		Control	Control	Control	Control	Yellowing
Rating Unit		%	%	%	%	%
Trt-Eval Interval		56 DA-A	7 DA-A	28 DA-A	56 DA-A	7 DA-A

Trt No.	Treatment Name	Rate	Rate Unit	Growth Stage	6	7	8	9	10	
1	Grasp	2.0	OZ/A	4-5 lf	87	a 90	a 63	cd 63	d 1	a
	Herbimax	1	% V/V	4-5 lf						
2	Grasp	2.0	OZ/A	4-5 lf	93	a 90	a 63	cd 63	d 1	a
	Agridex	0.25	% V/V	4-5 lf						
3	Grasp	2	OZ/A	4-5 lf	67	b 87	a 60	cd 57	de 0	a
	COC	1	% V/V	4-5 lf						
4	Grasp	2.0	OZ/A	4-5 lf	92	a 30	b 53	d 50	e 0	a
	Supherb HC	0.5	% V/V	4-5 lf						
5	Grasp	2.0	OZ/A	4-5 lf	90	a 90	a 53	d 30	f 0	a
	Supherb HC	1	% V/V	4-5 lf						
6	Grasp	2.0	OZ/A	4-5 lf	90	a 90	a 85	ab 82	b 1	a
	MSO + Leci Tec	1	% V/V	4-5 lf						
7	Grasp	2.0	OZ/A	4-5 lf	92	a 90	a 85	ab 85	ab 0	a
	MSO	1	% V/V	4-5 lf						
8	Grasp	2.0	OZ/A	4-5 lf	93	a 90	a 92	a 92	a 0	a
	Destiny	1	% V/V	4-5 lf						
9	Grasp	2.0	OZ/A	4-5 lf	30	c 90	a 53	d 57	de 0	a
	Inergy	1	% V/V	4-5 lf						
10	Grasp	2.0	OZ/A	4-5 lf	92	a 90	a 77	b 73	c 0	a
	Dyne-Amic	1	% V/V	4-5 lf						
11	Grasp	2.0	OZ/A	4-5 lf	92	a 90	a 67	c 63	d 1	a
	Phase	1	% V/V	4-5 lf						
12	Grasp	2.0	OZ/A	4-5 lf	87	a 90	a 88	a 88	ab 1	a
	Soy Surf +	1	% V/V	4-5 lf						

LSD (P=.10)	5.4	2.3	7.7	6.8	0.8
Standard Deviation	3.9	1.7	5.5	4.8	0.6
CV	4.62	1.97	7.89	7.23	133.76
Grand Mean	83.61	84.72	70.0	66.94	0.42
Bartlett's X2	3.801	0.0	3.018	4.034	4.964
P(Bartlett's X2)	0.924	.	0.981	0.909	0.761
Replicate F	0.746	1.000	0.478	1.809	20.122
Replicate Prob(F)	0.4860	0.3840	0.6262	0.1874	0.0001
Treatment F	67.915	321.727	20.870	41.391	1.000
Treatment Prob(F)	0.0001	0.0001	0.0001	0.0001	0.4767

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	INJURY	INJURY
Crop Code	ORYSA	ORYSA
Part Rated	PLATOT C	PLATOT C
Rating Date	20/Jul/07	17/Aug/07
Rating Data Type	PHYTOGEN	PHYTOGEN
Rating Unit	%	%
Trt-Eval Interval	28 DA-A	56 DA-A

Trt No.	Treatment Name	Rate	Unit	Growth Stage	11	12	
1	Grasp	2.0	OZ/A	4-5 lf	0	a0	a
	Herbimax	1	% V/V	4-5 lf			
2	Grasp	2.0	OZ/A	4-5 lf	0	a0	a
	Agridex	0.25	% V/V	4-5 lf			
3	Grasp	2	OZ/A	4-5 lf	0	a0	a
	COC	1	% V/V	4-5 lf			
4	Grasp	2.0	OZ/A	4-5 lf	0	a0	a
	Supherb HC	0.5	% V/V	4-5 lf			
5	Grasp	2.0	OZ/A	4-5 lf	0	a0	a
	Supherb HC	1	% V/V	4-5 lf			
6	Grasp	2.0	OZ/A	4-5 lf	0	a0	a
	MSO + Leci Tec	1	% V/V	4-5 lf			
7	Grasp	2.0	OZ/A	4-5 lf	0	a0	a
	MSO	1	% V/V	4-5 lf			
8	Grasp	2.0	OZ/A	4-5 lf	0	a0	a
	Destiny	1	% V/V	4-5 lf			
9	Grasp	2.0	OZ/A	4-5 lf	0	a0	a
	Inergy	1	% V/V	4-5 lf			
10	Grasp	2.0	OZ/A	4-5 lf	0	a0	a
	Dyne-Amic	1	% V/V	4-5 lf			
11	Grasp	2.0	OZ/A	4-5 lf	0	a0	a
	Phase	1	% V/V	4-5 lf			
12	Grasp	2.0	OZ/A	4-5 lf	0	a0	a
	Soy Surf +	1	% V/V	4-5 lf			

LSD (P=.10)	0.0	0.0
Standard Deviation	0.0	0.0
CV	0.0	0.0
Grand Mean	0.0	0.0
Bartlett's X2	0.0	0.0
P(Bartlett's X2)	.	.

Replicate F	0.000	0.000
Replicate Prob(F)	1.0000	1.0000
Treatment F	0.000	0.000
Treatment Prob(F)	1.0000	1.0000

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.