

LSU Northeast Research Station

	Date	Time	Amount	Unit	Type	Interval	Unit
1.	4/26/06	5:00 am	0.62	In	Rain	7	Hou
2.	4/26/06	10:00 p				3	Hou
3.	4/27/06	8:00 am	0.15	In	Rain	1	Hou
4.	4/30/06	8:30 am	1.19	In	Rain	1	Hou
5.	5/5/06	8:00 pm	1.49	In	Rain	1	Hou
6.	5/5/06	4:00 am				4	Hou
7.	5/6/06	8:00 am	0.31	In	Rain	3.5	Hou
8.	5/7/06	11:00 a	1.06	In	Rain	4	Hou
9.	5/7/06	12:00 p				2	Hou
10.	5/9/06	7:00 pm	0.39	In	Rain	0.75	Hou
11.	5/11/06	7:15 pm	0.2	In	Rain	0.5	Hou
12.	5/15/06	10:00 a	0.21	In	Rain	1	Hou
13.	5/19/06				Flush		
14.	5/27/06				Flush		
15.	5/28/06	5:00 pm	0.18	In	Rain	1	Hou
16.	5/29/06	2:30 pm	0.46	In	Rain	2.5	Hou
17.	5/30/06	1:30 pm	0.79	In	Rain	3	Hou
18.	6/2/06	6:30 pm	0.03	In	Rain	1	Hou
19.	6/7/06				Fertilize		
20.	6/7/06				Perment Flood		
21.	6/17/06	7:00 pm	0.03	In	Rain	1	Hou
22.	6/18/06	10:00 p	0.01	In	Rain	1	Hou
23.	6/19/06	10:00 p	0.05	In	Rain	1	Hou
24.	6/20/06	2:30 pm	0.19	In	Rain	1	Hou
25.	6/24/06	9:00 pm	0.07	In	Rain	1	Hou
26.	7/3/06	1:00 pm	0.07	In	Rain	0.5	Hou
27.	7/4/06	3:00 pm	0.69	In	Rain	1.5	Hou
28.	7/4/06	7:00 am				1	Hou
29.	7/5/06	12:00 a	1.25	In	Rain	0.75	Hou
30.	7/5/06	6:00pm				1.5	Hou
31.	7/6/06	6:00 pm	0.35	In	Rain	3.5	Hou
32.	7/11/06	2:00 pm	0.45	In	Rain	2	Hou

Application Description

	A
Application Date:	5/18/06
Time of Day:	11:00
Application Method:	SPRAY
Application Timing:	POST
Application Placement:	BROFOL
Air Temperature, Unit:	85 F
% Relative Humidity:	38
Wind Velocity, Unit:	10 MPH
Wind Direction:	N
Soil Temperature, Unit:	83 F
Soil Moisture:	DRY
% Cloud Cover:	0

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Crop Stage At Each Application

A	
Crop 1 Code, BBCH Scale:	ORYSA BRIC
Stage Scale Used:	BBCH
Stage Majority, Percent:	3-4 LF 100
Diameter, Unit:	3 IN
Height, Unit:	3 3

Pest Stage At Each Application

A	
Pest 1 Code, Disc., Scale:	ECHCG W
Stage Majority, Percent:	2-3 LF 100
Height, Unit:	1.5 IN
Height Minimum, Maximum:	1 2
Pest 2 Code, Disc., Scale:	SEBEX W
Stage Majority, Percent:	3-4 LF 100
Height, Unit:	2.5 IN
Height Minimum, Maximum:	2 3
Pest 3 Code, Disc., Scale:	CNPPA W
Stage Majority, Percent:	4 LF 100
Height, Unit:	2.5 IN
Height Minimum, Maximum:	2 3
Pest 4 Code, Disc., Scale:	COMDI W
Stage Majority, Percent:	4 LF 100
Height, Unit:	1.5 IN
Height Minimum, Maximum:	1 2
Pest 5 Code, Disc., Scale:	CYPIR W
Stage Majority, Percent:	6 LF 100
Height, Unit:	7 IN
Height Minimum, Maximum:	6 8

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

Texasweed control with IR5878.

Trial ID: SJ06R005
Location:

Protocol ID: SJ06R005
Study Director:
Investigator: Bill Williams

Pest Type	W Weed	CNPPA	CNPPA	CNPPA	CNPPA	W Weed	SEBEX	SEBEX	SEBEX	SEBEX	COMDI
Pest Code	CNPPA	CNPPA	CNPPA	CNPPA	CNPPA	SEBEX	SEBEX	SEBEX	SEBEX	COMDI	
Part Rated	PLATOT P	PLATOT P	PLATOT P	PLATOT P	PLATOT P	PLATOT P	PLATOT P	PLATOT P	PLATOT P	PLATOT P	PLATOT P
Rating Date	5/31/06	6/6/06	6/15/06	7/18/06	5/31/06	6/6/06	6/15/06	7/18/06	5/31/06		
Rating Data Type	Control	Control	Control	Control	Control	Control	Control	Control	Control	Control	Control
Rating Unit	%	%	%	%	%	%	%	%	%	%	%
Days After First/Last Applic.	13 13	19 19	28 28	61 61	13 13	19 19	28 28	61 61	13 13		
Trt-Eval Interval	13 DA-A	19 DA-A	28 DA-A	61 DA-A	13 DA-A	19 DA-A	28 DA-A	61 DA-A	13 DA-A		
Plant-Eval Interval	37 DP-1	43 DP-1	52 DP-1	85 DP-1	37 DP-1	43 DP-1	52 DP-1	85 DP-1	37 DP-1		
Trt Treatment	Rate										
No. Name	Rate Unit	1	2	3	4	5	6	7	8	9	
1 Grasp Dyne-A-Pak	2.3 oz/a 1.5 % v/v	81.7 ef	66.7 d	30.0 c	0.0 d	85.0 ab	83.3 ab	85.0 ab	56.7 c	88.6 ab	
2 Regiment Dyne-A-Pak	0.5 oz/a 1.5 % v/v	83.3 def	66.7 d	30.0 c	56.7 c	81.7 abc	86.7 ab	76.7 b	76.7 ab	88.3 ab	
3 Grasp Permit Dyne-A-Pak	2.3 oz/a 0.66 oz/a 1.5 % v/v	88.3 bcd	81.7 c	60.0 b	76.7 ab	91.7 a	91.7 a	90.0 a	83.3 ab	88.7 ab	
4 Regiment Permit Dyne-A-Pak	0.5 oz/a 0.66 oz/a 1.5 % v/v	90.0 abc	91.7 ab	85.0 a	83.3 a	93.3 a	86.7 ab	83.3 ab	63.3 c	88.8 ab	
5 Grasp IR5878 Dyne-A-Pak	2.3 oz/a 2 oz/a 1.5 % v/v	91.7 abc	95.0 a	81.7 a	86.7 a	88.3 a	90.0 a	88.3 ab	78.3 ab	86.3 ab	
6 Regiment IR5878 Dyne-A-Pak	0.5 oz/a 2 oz/a 1.5 % v/v	91.7 abc	93.3 a	83.3 a	81.7 ab	85.0 ab	83.3 ab	78.3 b	85.0 a	88.9 ab	
7 Grasp IR5878 Permit Dyne-A-Pak	2.3 oz/a 2 oz/a 0.33 oz/a 1.5 % v/v	81.7 ef	91.7 ab	86.7 a	80.0 ab	91.7 a	91.7 a	86.7 ab	81.7 ab	88.9 ab	
8 Regiment IR5878 Permit Dyne-A-Pak	0.5 oz/a 2 oz/a 0.33 oz/a 1.5 % v/v	80.0 f	83.3 bc	68.3 b	70.0 b	93.3 a	85.0 ab	81.7 ab	75.0 b	89.0 ab	
9 IR5878 Dyne-A-Pak	2 oz/a 1.5 % v/v	86.7 cde	83.3 bc	30.0 c	78.3 ab	85.0 ab	86.7 ab	80.0 ab	76.7 ab	91.7 a	
10 IR5878 Permit Dyne-A-Pak	2 oz/a 0.33 oz/a 1.5 % v/v	86.7 cde	53.3 e	0.0 d	0.0 d	73.3 cd	73.3 b	53.3 c	0.0 d	66.7 c	
11 Grasp Londax Dyne-A-Pak	2.3 oz/a 0.5 oz/a 1.5 % v/v	93.3 ab	90.0 abc	91.7 a	86.7 a	75.0 bcd	78.3 ab	76.7 b	56.7 c	89.0 ab	
12 Grandstand Dyne-A-Pak	11 oz/a 1.5 % v/v	95.0 a	60.0 d	66.7 b	76.7 ab	66.7 d	60.0 c	56.7 c	56.7 c	78.3 b	
LSD (P=.05)		3.83	6.37	8.80	7.79	7.07	9.54	7.21	5.94	7.53	
Standard Deviation		2.26	3.76	5.20	4.60	4.17	5.64	4.26	3.51	4.30	
CV		2.58	4.72	8.74	7.11	4.96	6.78	5.45	5.33	4.99	
Bartlett's X2		0.0	3.704	2.219	1.138	6.013	4.03	4.162	1.954	4.493	
P(Bartlett's X2)		1.00	0.883	0.898	0.997	0.872	0.909	0.94	0.997	0.343	
Replicate F		3.667	1.375	0.103	11.066	4.304	0.809	4.178	27.585	70.348	
Replicate Prob(F)		0.0422	0.2737	0.9027	0.0005	0.0264	0.4581	0.0290	0.0001	0.0001	
Treatment F		14.667	43.696	98.542	138.902	12.739	7.626	22.397	132.738	7.767	
Treatment Prob(F)		0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0003	

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

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Pest Type				COMDI
Pest Code				PLATOT P
Part Rated				6/6/06
Rating Date				Control
Rating Data Type				%
Rating Unit				19 19
Days After First/Last Applic.				19 DA-A
Trt-Eval Interval				43 DP-1
Plant-Eval Interval				
Trt No.	Treatment Name	Rate	Rate Unit	
				10
1	Grasp	2.3	oz/a	93.3 a
	Dyne-A-Pak	1.5	% v/v	
2	Regiment	0.5	oz/a	95.0 a
	Dyne-A-Pak	1.5	% v/v	
3	Grasp	2.3	oz/a	95.0 a
	Permit	0.66	oz/a	
	Dyne-A-Pak	1.5	% v/v	
4	Regiment	0.5	oz/a	95.0 a
	Permit	0.66	oz/a	
	Dyne-A-Pak	1.5	% v/v	
5	Grasp	2.3	oz/a	95.0 a
	IR5878	2	oz/a	
	Dyne-A-Pak	1.5	% v/v	
6	Regiment	0.5	oz/a	94.2 a
	IR5878	2	oz/a	
	Dyne-A-Pak	1.5	% v/v	
7	Grasp	2.3	oz/a	95.0 a
	IR5878	2	oz/a	
	Permit	0.33	oz/a	
	Dyne-A-Pak	1.5	% v/v	
8	Regiment	0.5	oz/a	95.0 a
	IR5878	2	oz/a	
	Permit	0.33	oz/a	
	Dyne-A-Pak	1.5	% v/v	
9	IR5878	2	oz/a	93.3 a
	Dyne-A-Pak	1.5	% v/v	
10	IR5878	2	oz/a	0.0 b
	Permit	0.33	oz/a	
	Dyne-A-Pak	1.5	% v/v	
11	Grasp	2.3	oz/a	95.0 a
	Londax	0.5	oz/a	
	Dyne-A-Pak	1.5	% v/v	
12	Grandstand	11	oz/a	81.7 a
	Dyne-A-Pak	1.5	% v/v	
LSD (P=.05)				9.77
Standard Deviation				5.75
CV				6.72
Bartlett's X2				8.414
P(Bartlett's X2)				0.015*
Replicate F				0.897
Replicate Prob(F)				0.4227
Treatment F				67.217
Treatment Prob(F)				0.0001

Means followed by same letter do not significantly differ (P=.05, Student-Newman-Keuls)

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