



3.	13/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>Application Date:</b>	23/May/07
<b>Application Method:</b>	SPRAY
<b>Application Timing:</b>	1-2 LF
<b>Application Placement:</b>	BROFOL
<b>Air Temperature, Unit:</b>	83 F
<b>% Relative Humidity:</b>	55
<b>Wind Velocity, Unit:</b>	7 MPH
<b>Wind Direction:</b>	E
<b>Soil Temperature, Unit:</b>	80 F
<b>% Cloud Cover:</b>	10

**Crop Stage At Each Application**

**A**

<b>Crop 1 Code, BBCH Scale:</b>	ORYSA BRIC
<b>Stage Scale Used:</b>	1-2 LF
<b>Stage Majority, Percent:</b>	1"
<b>Stage Maximum, Percent:</b>	1"

**Pest Stage At Each Application**

**A**

<b>Pest 1 Code, Disc., Scale:</b>	ECHCG W
<b>Stage Majority, Percent:</b>	2-3 LF
<b>Stage Minimum, Percent:</b>	.5"
<b>Stage Maximum, Percent:</b>	.5"
<b>Pest 2 Code, Disc., Scale:</b>	SEBEX W
<b>Stage Majority, Percent:</b>	1 LF
<b>Stage Minimum, Percent:</b>	.5"
<b>Stage Maximum, Percent:</b>	.5"
<b>Pest 3 Code, Disc., Scale:</b>	COMDI W
<b>Stage Majority, Percent:</b>	2-3 LF
<b>Stage Minimum, Percent:</b>	.5"
<b>Stage Maximum, Percent:</b>	1"

Pest 4 Code, Disc., Scale: CYPES W

Stage Majority, Percent: 5-6 LF

Stage Minimum, Percent: 6"

Stage Maximum, Percent: 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

## Evaluation of V-10142 for residual sprangletop activity.

Trial ID: SJ07R022                      Protocol ID: SJ07R022  
 Location:                                  Study Director:  
    Investigator: Bill Williams

Pest Type	LEFPA							
Pest Code	LEFPA	LEFPA	LEFPA	LEFPA	LEFPA			
Crop Code								
Part Rated	PLATOT	PPLATOT	PPLATOT	PPLATOT	PPLATOT			
Rating Date	31/May/07	8/Jun/07	20/Jun/07	18/Jul/07	18/Aug/07			
Rating Data Type	Control	Control	Control	Control	Control			
Rating Unit	%	%	%	%	%			
Trt-Eval Interval	8 DA-A	16 DA-A	28 DA-A	56 DA-A	87 DA-A			
Trt Treatment	Rate	Growth						
No. Name	Rate Unit	Stage	1	2	3	4	5	
1 V-10142	0.1 LB A/A	1-2 lf	88	a 90	a 82	a 78	b 78	ab
Clincher	15 OZ/A	1-2 lf						
COC	1 QT/A	1-2 lf						
2 V-10142	0.1 LB A/A	1-2 lf	73	ab 90	a 47	b 43	d 37	d
Regiment	0.25 OZ/A	1-2 lf						
Dyne-A-Pak	1.5 % V/V	1-2 lf						
3 V-10142	0.2 LB A/A	1-2 lf	85	a 90	a 77	a 80	ab 80	ab
Clincher	15 OZ/A	1-2 lf						
COC	1 QT/A	1-2 lf						
4 V-10142	0.2 LB A/A	1-2 lf	72	ab 90	a 63	a 75	b 72	bc
Regiment	0.25 OZ/A	1-2 lf						
Dyne-A-Pak	1.5 % V/V	1-2 lf						
5 V-10142	0.3 LB A/A	1-2 lf	90	a 90	a 82	a 87	ab 87	a
Clincher	15 OZ/A	1-2 lf						
COC	1 QT/A	1-2 lf						
6 V-10142	0.3 LB A/A	1-2 lf	77	ab 90	a 72	a 92	a 92	a
Regiment	0.25 OZ/A	1-2 lf						
Dyne-A-Pak	1.5 % V/V	1-2 lf						
7 V-10142	0.4 LB A/A	1-2 lf	83	a 90	a 80	a 92	a 92	a
Clincher	15 OZ/A	1-2 lf						
COC	1 QT/A	1-2 lf						
8 V-10142	0.4 LB A/A	1-2 lf	75	ab 87	ab 77	a 82	ab 82	ab
Regiment	0.25 OZ/A	1-2 lf						
Dyne-A-Pak	1.5 % V/V	1-2 lf						
9 Command	1.33 PT/A	1-2 lf	83	a 83	b 75	a 83	ab 83	ab
Clincher	15 OZ/A	1-2 lf						
COC	1 QT/A	1-2 lf						
10 Command	1.33 PT/A	1-2 lf	57	b 60	c 30	c 0	e 0	e
Regiment	0.25 OZ/A	1-2 lf						
Dyne-A-Pak	1.5 % V/V	1-2 lf						

11 Clincher	15 OZ/A	1-2 lf	85	a	90	a	78	a	67	c	67	c
COC	1 QT/A	1-2 lf										
12 Regiment	0.25 OZ/A	1-2 lf	53	b	60	c	30	c	0	e	0	e
Dyne-A-Pak	1.5 % V/V	1-2 lf										
LSD (P=.10)			15.6		3.5		11.1		7.3		8.8	
Standard Deviation			11.1		2.5		7.9		5.2		6.3	
CV			14.44		2.92		12.05		8.04		9.84	
Grand Mean			76.81		84.17		65.97		64.86		64.03	
Bartlett's X2			17.9		0.0		10.649		10.479		13.179	
P(Bartlett's X2)			0.057		.		0.301		0.313		0.155	
Replicate F			1.936		0.000		10.231		4.313		1.591	
Replicate Prob(F)			0.1681		1.0000		0.0007		0.0263		0.2262	
Treatment F			3.380		65.125		17.921		119.580		83.769	
Treatment Prob(F)			0.0073		0.0001		0.0001		0.0001		0.0001	

# LSU Northeast Research Station

Pest Type					
Pest Code		LEFPA	LEFPA	LEFPA	LEFPA
Crop Code					
Part Rated		PLATOT	PPLATOT	PPLATOT	PPLATOT
Rating Date		31/May/07	8/Jun/07	20/Jun/07	18/Jul/07
Rating Data Type		Control	Control	Control	Control
Rating Unit		%	%	%	%
Trt-Eval Interval		8 DA-A	16 DA-A	28 DA-A	56 DA-A
Trt Treatment	Rate	Growth			
No.Name	RateUnit	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.