



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**

	<b>A</b>	<b>B</b>	<b>C</b>
<b>Application Date:</b>	10/May/07 28/May/07 9/Jun/07		
<b>Time of Day:</b>	9:00		
<b>Application Method:</b>	SPRAY	SPRAY	SPRAY
<b>Application Timing:</b>	PRE	EPOST	4-5 LF
<b>Application Placement:</b>	BROSIOI	BROFOL	BROFOL
<b>Air Temperature, Unit:</b>	91 F	77 F	80 F
<b>% Relative Humidity:</b>	38	71	78
<b>Wind Velocity, Unit:</b>	4.5 MPH	3.8 MPH	4 MPH
<b>Wind Direction:</b>	SE	SE	W
<b>Soil Temperature, Unit:</b>	84 F	75 F	86 F
<b>% Cloud Cover:</b>	10	0	

**Crop Stage At Each Application**

	<b>A</b>	<b>B</b>	<b>C</b>
<b>Crop 1 Code, BBCH Scale:</b>	ORYSA	BRICORYSA	BRICORYSA BRIC
<b>Stage Scale Used:</b>	N/A	2-3 LF	5 LF
<b>Stage Majority, Percent:</b>		3"	6"
<b>Stage Maximum, Percent:</b>		4"	7"

**Pest Stage At Each Application**

	<b>A</b>	<b>B</b>	<b>C</b>
<b>Pest 1 Code, Disc., Scale:</b>	SEBEX	WSEBEX	WSEBEX W
<b>Stage Majority, Percent:</b>	N/A	1 LF	5-6 LF
<b>Stage Minimum, Percent:</b>		.5"	3"
<b>Stage Maximum, Percent:</b>		1"	4"
<b>Pest 2 Code, Disc., Scale:</b>	CNPPA	WCNPPA	WCNPPA W
<b>Stage Majority, Percent:</b>	N/A	1 LF	4-5 L
<b>Stage Minimum, Percent:</b>		.5"	3"
<b>Stage Maximum, Percent:</b>		1"	4"
<b>Pest 3 Code, Disc., Scale:</b>	ECHCG	WECHCG	WECHCG W
<b>Stage Majority, Percent:</b>			4-5 LF
<b>Stage Minimum, Percent:</b>			3"
<b>Stage Maximum, Percent:</b>			4"

**Application Equipment**

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

# LSU Northeast Research Station

## Evaluation of V-10142 preemergence activity on Texasweed.

Trial ID: SJ07R026                      Protocol ID: SJ07R026  
 Location:                                  Study Director:  
    Investigator: Bill Williams

Pest Type										
Pest Code	CNPPA	CNPPA	CNPPA	CNPPA	CNPPA	SEBEX				
Crop Code										
Part Rated	PLATOT	PPLATOT	PPLATOT	PPLATOT	PPLATOT	PPLATOT				
Rating Date	18/May/07	25/May/07	7/Jun/07	6/Jul/07	11/Aug/07	18/May/07				
Rating Data Type	Control	Control	Control	Control	Control	Control				
Rating Unit	%	%	%	%	%	%				
Trt-Eval Interval	8 DA-A	15 DA-A	28 DA-A	57 DA-A	93 DA-A	8 DA-A				
Trt Treatment	Rate	Growth								
No.	Name	Rate Unit	Stage	1	2	3	4	5	6	
1	Command	1.33 PT/A	PRE	0	b0	b0	f 0	d0	c0	b
	Ricestar	22 OZ/A	4-5 lf							
2	Command	1.33 PT/A	PRE	95	a95	a57	e 30	c0	c95	a
	V-10142	0.05 LB A/APRE								
	Ricestar	22 OZ/A	4-5 lf							
3	Command	1.33 PT/A	PRE	95	a95	a67	d 83	b73	b95	a
	V-10142	0.1 LB A/APRE								
	Ricestar	22 OZ/A	4-5 lf							
4	Command	1.33 PT/A	PRE	95	a95	a80	c 92	a93	a95	a
	V-10142	0.15 LB A/APRE								
	Ricestar	22 OZ/A	4-5 lf							
5	Command	1.33 PT/A	PRE	95	a95	a80	c 92	a93	a95	a
	V-10142	0.2 LB A/APRE								
	Ricestar	22 OZ/A	4-5 lf							
6	Command	1.33 PT/A	PRE	95	a95	a83	bc 92	a95	a95	a
	V-10142	0.3 LB A/APRE								
	Ricestar	22 OZ/A	4-5 lf							
7	Command	1.33 PT/A	PRE	95	a95	a92	a 92	a85	a95	a
	V-10142	0.4 LB A/APRE								
	Ricestar	22 OZ/A	4-5 lf							
8	Command	1.33 PT/A	PRE	95	a95	a90	ab 92	a90	a95	a
	V-10142	0.45 LB A/APRE								
	Ricestar	22 OZ/A	4-5 lf							
9	Command	1.33 PT/A	PRE	95	a95	a90	ab 92	a93	a95	a
	V-10142	0.5 LB A/APRE								
	Ricestar	22 OZ/A	4-5 lf							
10	V-10142	0.1 LB A/APRE		95	a95	a80	c 92	a85	a95	a
	Ricestar	17 OZ/A	EPOST							
	Ricestar	22 OZ/A	4-5 lf							
11	V-10142	0.15 LB A/APRE		95	a95	a85	abc92	a93	a95	a

	Ricestar	17	OZ/A	EPOST							
	Ricestar	22	OZ/A	4-5 lf							
12	V-10142	0.2	LB A/APRE	95	a 95	a 82	c 92	a 93	a 95	a	
	Ricestar	17	OZ/A	EPOST							
	Ricestar	22	OZ/A	4-5 lf							
LSD (P=.10)					0.0	0.0	5.4	3.3	7.7	0.0	
Standard Deviation					0.0	0.0	3.9	2.4	5.5	0.0	
CV					0.0	0.0	5.24	3.03	7.4	0.0	
Grand Mean					87.08	87.08	73.75	78.19	74.58	87.08	
Bartlett's X2					0.0	0.0	1.589	2.176	10.15	0.0	
P(Bartlett's X2)					.	.	0.903	0.988	0.255	.	
Replicate F					0.000	0.000	1.810	8.281	2.118	0.000	
Replicate Prob(F)					1.0000	1.0000	0.1872	0.0021	0.1441	1.0000	
Treatment F					0.000	0.000	128.114	490.101	123.037	0.000	
Treatment Prob(F)					1.0000	1.0000	0.0001	0.0001	0.0001	1.0000	

# LSU Northeast Research Station

Pest Type						
Pest Code		CNPPA	CNPPA	CNPPA	CNPPA	SEBEX
Crop Code						
Part Rated		PLATOT	PPLATOT	PPLATOT	PPLATOT	PPLATOT
Rating Date		18/May/07	25/May/07	7/Jun/07	6/Jul/07	11/Aug/07
Rating Data Type		Control	Control	Control	Control	Control
Rating Unit		%	%	%	%	%
Trt-Eval Interval		8 DA-A	15 DA-A	28 DA-A	57 DA-A	93 DA-A
Trt Treatment	Rate	Growth				
No.Name	RateUnit	Stage	1	2	3	4
						5
						6

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	SEBEX							
Pest Code	SEBEX	SEBEX	SEBEX	SEBEX	SEBEX			
Crop Code								
Part Rated	PLATOT	PPLATOT	PPLATOT	PPLATOT	PPLATOT			
Rating Date	25/May/07	7/Jun/07	6/Jul/07	3/Aug/07	11/Aug/07			
Rating Data Type	Control	Control	Control	Control	Control			
Rating Unit	%	%	%	%	%			
Trt-Eval Interval	15 DA-A	28 DA-A	57 DA-A	85 DA-A	93 DA-A			
Trt Treatment	Rate	Growth						
No.	Name	Rate Unit	Stage	7	8	9	10	11
1	Command	1.33 PT/A	PRE	0	b0	c 0	c 30	a0 d
	Ricestar	22 OZ/A	4-5 lf					
2	Command	1.33 PT/A	PRE	95	a0	c 0	c 37	a0 d
	V-10142	0.05 LB A/APRE						
	Ricestar	22 OZ/A	4-5 lf					
3	Command	1.33 PT/A	PRE	95	a0	c 0	c 20	a0 d
	V-10142	0.1 LB A/APRE						
	Ricestar	22 OZ/A	4-5 lf					
4	Command	1.33 PT/A	PRE	95	a 80	b 67	b 30	a30 cd
	V-10142	0.15 LB A/APRE						
	Ricestar	22 OZ/A	4-5 lf					
5	Command	1.33 PT/A	PRE	95	a 80	b 67	b 78	a78 ab
	V-10142	0.2 LB A/APRE						
	Ricestar	22 OZ/A	4-5 lf					
6	Command	1.33 PT/A	PRE	95	a 88	ab 80	a 83	a83 ab
	V-10142	0.3 LB A/APRE						
	Ricestar	22 OZ/A	4-5 lf					
7	Command	1.33 PT/A	PRE	95	a 87	ab 73	ab 83	a83 ab
	V-10142	0.4 LB A/APRE						
	Ricestar	22 OZ/A	4-5 lf					
8	Command	1.33 PT/A	PRE	95	a 87	ab 70	ab 80	a80 ab
	V-10142	0.45 LB A/APRE						
	Ricestar	22 OZ/A	4-5 lf					
9	Command	1.33 PT/A	PRE	95	a 92	a 80	a 57	a87 a
	V-10142	0.5 LB A/APRE						
	Ricestar	22 OZ/A	4-5 lf					
10	V-10142	0.1 LB A/APRE	95	a 82	b 63	b 60	a43	bc
	Ricestar	17 OZ/A	EPOST					
	Ricestar	22 OZ/A	4-5 lf					
11	V-10142	0.15 LB A/APRE	95	a 83	b 67	b 53	a63	ab
	Ricestar	17 OZ/A	EPOST					
	Ricestar	22 OZ/A	4-5 lf					
12	V-10142	0.2 LB A/APRE	95	a 87	ab 80	a 52	a77	ab
	Ricestar	17 OZ/A	EPOST					
	Ricestar	22 OZ/A	4-5 lf					
LSD (P=.10)				0.0	4.8	7.5	48.3	24.0
Standard Deviation				0.0	3.5	5.3	34.5	17.1

CV	0.0	5.42	9.91	62.34	32.88
Grand Mean	87.08	63.75	53.89	55.28	52.08
Bartlett's X2	0.0	2.638	1.765	11.494	20.043
P(Bartlett's X2)	.	0.853	0.94	0.403	0.01*
Replicate F	0.000	2.270	1.850	1.639	1.734
Replicate Prob(F)	1.0000	0.1270	0.1809	0.2170	0.1999
Treatment F	0.000	374.492	114.442	1.292	13.070
Treatment Prob(F)	1.0000	0.0001	0.0001	0.2918	0.0001

# LSU Northeast Research Station

Pest Type					
Pest Code		SEBEX	SEBEX	SEBEX	SEBEX
Crop Code					
Part Rated		PLATOT	PPLATOT	PPLATOT	PPLATOT
Rating Date		25/May/07	7/Jun/07	6/Jul/07	3/Aug/07
Rating Data Type		Control	Control	Control	Control
Rating Unit		%	%	%	%
Trt-Eval Interval		15 DA-A	28 DA-A	57 DA-A	85 DA-A
Trt Treatment	Rate	Growth			
No.Name	RateUnit	Stage	7	8	9
				10	11

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.