

# LSU Northeast Research Station

Options for controlling alligatorweed in drill-seeded rice.

Trial ID: WP06R002  
Location:

Protocol ID: WP06R002  
Study Director:  
Investigator: Bill Williams

## General Trial Information

Investigator: Bill Williams

### Conclusions:

Several standard broadleaf weed control programs were evaluated on fallow ground for alligatorweed efficacy. Overall, the best alligatorweed control was observed from 16 oz/A Grandstand, 0.4 oz/A Regiment plus 0.5 oz/A Permit and Regiment plus 8 oz/A Grandstand.

## Site and Design

Plot Width, Unit: 13.67 FT

Plot Length, Unit: 30 FT

Replications: 3

Study Design: Randomized Complete Block

## Application Description

	A
Application Date:	7/13/06
Time of Day:	2:00
Application Method:	SPRAY
Application Timing:	POST
Application Placement:	BROFOL
Air Temperature, Unit:	97 F
% Relative Humidity:	51
Wind Velocity, Unit:	4 MPH
Soil Temperature, Unit:	96 F
Soil Moisture:	DRY
% Cloud Cover:	30

# LSU Northeast Research Station

Options for controlling alligatorweed in drill-seeded rice.

Trial ID: WP06R002  
Location:

Protocol ID: WP06R002  
Study Director:  
Investigator: Bill Williams

Pest Type	W Weed				
Pest Code	ALRPH	ALRPH			
Pest Name	Alligatorwe>	Alligatorwe>			
Part Rated	PLTOT P	PLTOT P			
Rating Date	7/25/06	8/8/06			
Rating Data Type	CONTROL	CONTROL			
Rating Unit	%	%			
Days After First/Last Applic.	12 12	26 26			
Trt-Eval Interval	12 DA-A	26 DA-A			
Trt No.	Treatment Name	Rate	Unit	1	2
1	Regiment	0.4 oz/a		65.0 abc	46.7 c
	Dyne-A-Pak	1.5 % v/v			
2	Regiment	0.6 oz/a		30.0 e	53.3 c
	Dyne-A-Pak	1.5 % v/v			
3	Grasp	2.3 oz/a		50.0 b-e	53.3 c
	COC	1.5 oz/a			
4	Grasp	2.6 oz/a		45.0 cde	29.7 d
	COC	1.5 oz/a			
5	Grandstand	12 oz/a		61.7 a-d	71.7 b
	NIS	0.25 oz/a			
6	Grandstand	16 oz/a		75.0 a	80.0 ab
	NIS	0.25 oz/a			
7	Regiment	0.4 oz/a		71.7 ab	80.0 ab
	Permit	0.5 oz/a			
	Dyne-A-Pak	1.5 % v/v			
8	Regiment	0.4 oz/a		53.3 a-e	71.7 b
	Londax	0.75 oz/a			
	Dyne-A-Pak	1.5 % v/v			
9	Regiment	0.4 oz/a		51.7 a-e	53.3 c
	Londax	0.75 oz/a			
	Permit	0.25 oz/a			
	Dyne-A-Pak	1.5 % v/v			
10	Regiment	0.4 oz/a		73.3 ab	86.7 a
	Grandstand	8 oz/a			
	Dyne-A-Pak	1.5 % v/v			
11	Grasp	2.3 oz/a		30.0 e	30.0 d
	Permit	0.5 oz/a			
	Dyne-A-Pak	1.5 % v/v			
12	Grasp	2.3 oz/a		40.0 de	36.7 d
	Londax	0.75 oz/a			
	Dyne-A-Pak	1.5 % v/v			
13	Grasp	2.3 oz/a		46.7 cde	30.0 d
	Londax	0.75 oz/a			
	Permit	0.25 oz/a			
	Dyne-A-Pak	1.5 % v/v			
14	Grasp	2.3 oz/a		61.7 a-d	73.3 b
	Grandstand	8 oz/a			
	Dyne-A-Pak	1.5 % v/v			
LSD (P=.05)		15.00		7.26	
Standard Deviation		8.92		4.32	
CV		16.54		7.59	
Bartlett's X2		12.504		5.016	
P(Bartlett's X2)		0.327		0.756	
Replicate F		0.808		6.276	
Replicate Prob(F)		0.4569		0.0062	
Treatment F		8.329		66.767	
Treatment Prob(F)		0.0001		0.0001	

## LSU Northeast Research Station

Pest Type	W Weed	
Pest Code	ALRPH	ALRPH
Pest Name	Alligatorwe>	Alligatorwe>
Part Rated	PLTOT P	PLTOT P
Rating Date	7/25/06	8/8/06
Rating Data Type	CONTROL	CONTROL
Rating Unit	%	%
Days After First/Last Applic.	12 12	26 26
Trt-Eval Interval	12 DA-A	26 DA-A

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.