

# LSU Northeast Research Station

**Evaluation of Fall applications of glyphosate for alligatorweed control (Year 2)**

Trial ID: OS05R207	Investigator:
Location:	Study Dir.: Bill Williams

**CROP AND PEST DESCRIPTION**

**Weed 1.**ALRSE Alligatorweed

Plot Width, Unit: 13.3 FT	Plot Length, Unit: 35 FT	Reps: 3
Study Design: RANDOMIZED COMPLETE BLOCK		

**APPLICATION DESCRIPTION**

	A	B	C	D	E	F
Application Date:	10/21/05					
Time of Day:	10:00					
Application Method:	Spray					
Application Timing:	Fall					
Applic. Placement:	BROFOL					
Air Temp., Unit:	76 F					
% Relative Humidity:	47					
Wind Velocity, Unit:	5 N					
Soil Temp., Unit:	84 F					
Soil Moisture:	Dry					
% Cloud Cover:	0					

**WEED STAGE AT EACH APPLICATION**

	A	B	C	D	E	F
<b>Weed 1</b> ALRSE Stage:	6-30"					
Stage Scale:	runner					

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Weed Code		Alligato	Alligato
Part Rated		PLATOT P	PLATOT P
Rating Data Type		CONTROL	CONTROL
Rating Unit		%	%
Rating Date		3/31/06	10/6/06
Trt-Eval Interval		161 DA-A	350 DA-A
Trt	Treatment		
No.	Name	Rate	Unit
		1	2
1	glyphosate	1 qt/a	99.0 a
2	glyphosate	2 qt/a	86.7 a
3	glyphosate	3 qt/a	73.3 b
LSD (P=.05)		0.00	7.56
Standard Deviation		0.00	3.33
CV		0.0	4.05
Bartlett's X2		0.0	0.0
P(Bartlett's X2)		.	0.001*
Replicate F		0.000	7.000
Replicate Prob(F)		1.0000	0.0494
Treatment F		0.000	16.000
Treatment Prob(F)		1.0000	0.0123

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.