

LSU Northeast Research Station

EVALUATION OF BURNDOWN APPLICATIONS IN MARESTAIL

Trial ID: _____ Study Dir.: _____
 Location: _____ Investigator: Donnie Miller

SITE AND DESIGN

Plot Width, Unit: 6.67 FT Plot Length, Unit: 10 FT Reps: 4

Site Type: _____

Tillage Type: _____ Study Design: RANDOMIZED COMPLETE BLOCK

Trial Initiation Comments:

	Previous Crops	Previous Pesticides	Year
1.			

APPLICATION DESCRIPTION

	A
Application Date:	21/Apr/2005
Time of Day:	11:15 AM
Application Method:	SPRAY
Application Timing:	EAPOWE
Applic. Placement:	BROFOL
Air Temp., Unit:	78 F
% Relative Humidity:	70
Wind Velocity, Unit:	2.9 MPH
Dew Presence (Y/N):	
Water Hardness:	
Soil Temp., Unit:	75 F
Soil Moisture:	DRY
% Cloud Cover:	40

WEED STAGE AT EACH APPLICATION

	A
Weed 1 Code, Stage:	HPPVU 4-6"
Stage Scale:	
Density, Unit:	

APPLICATION EQUIPMENT

	A
Appl. Equipment:	CO2 BCPCCK
Operating Pressure:	38 PSI
Nozzle Type:	AI
Nozzle Size:	11002
Nozzle Spacing, Unit:	20 IN
Nozzles/Row:	2
Band Width, Unit:	
Boom Length, Unit:	
Boom Height, Unit:	
Ground Speed, Unit:	3.2 MPH
Incorporation Equip.:	
Hours to Incorp.:	
Incorp. Depth, Unit:	
Carrier:	WATER
Spray Volume, Unit:	15 GPA
Spray pH:	
Propellant:	
Tank Mix (Y/N):	

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EVALUATION OF BURNDOWN APPLICATIONS IN MARESTAIL AND SMARTWEED

Trial ID:

Study Dir.:

Location:

Investigator: Donnie Miller

Weed Code		HPPVU	HPPVU
Crop Code		GOSHI	GOSHI
Rating Data Type		CONTROL	CONTROL
Rating Unit		%	%
Rating Date		2/May/2005	16/May/2005
Trt-Eval Interval		11 DAT	24 DAT
Trt Treatment	Rate		
No. Name	Rate Unit	1	2
1 COSTARR	64 fl oz/a	86 a	94 a
2 LANDMASTER BW	64 fl oz/a	75 b	89 a
3 OUTLAW	28 fl oz/a	63 c	63 b
4 CLARITY	8 fl oz/a	63 c	58 b
LSD (P=.05)		6.0	8.9
Standard Deviation		3.8	5.6
CV		5.24	7.39
Grand Mean		71.56	75.63
Bartlett's X2		2.702	2.055
P(Bartlett's X2)		0.44	0.561
Replicate F		1.000	0.067
Replicate Prob(F)		0.4363	0.9762
Treatment F		37.148	42.733
Treatment Prob(F)		0.0001	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.