

# LSU Northeast Research Station

BURNDOWN WEED CONTROL WITH COMBINATIONS OF ROUNDUP WEATHERMAX AND IGNITE

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:	11:30 AM
Application Method:	SPRAY
Application Timing:	PREPOS
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:	76 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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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		
No.	Name	Rate	Unit
		1	2
1	ROUNDUP WEATHERMAX	22 fl oz/a	83 a
2	ROUNDUP WEATHERMAX	12 fl oz/a	69 a
	IGNITE	8 fl oz/a	44 d
3	ROUNDUP WEATHERMAX	12 fl oz/a	71 a
	IGNITE	12 fl oz/a	49 d
4	ROUNDUP WEATHERMAX	12 fl oz/a	78 a
	IGNITE	16 fl oz/a	64 c
5	ROUNDUP WEATHERMAX	12 fl oz/a	75 a
	IGNITE	22 fl oz/a	74 b
LSD (P=.05)		17.7	7.9
Standard Deviation		11.5	5.1
CV		15.29	7.88
Grand Mean		75.0	65.0
Bartlett's X2		0.885	3.033
P(Bartlett's X2)		0.927	0.386
Replicate F		0.025	0.762
Replicate Prob(F)		0.9942	0.5368
Treatment F		0.880	64.524
Treatment Prob(F)		0.5047	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.