

University of Georgia

Annual ryegrass and weed response to a row middle tank mixture.

Trial ID: Veg23-05

Study Dir.: Stanley Culpepper

Location: Coggins

Investigator: Stanley Culpepper

Crop Code	ryegrass			
Rating Data Type	injury			
Rating Unit	percent			
Rating Date	Apr-06-05			
Trt-Eval Interval	7 DA-A			
Trt No.	Treatment Name	Rate	Unit	
1	Valor	3 oz/a		86
	Dual Magnum	1 pt/a		
	Prowl H20	1 qt/a		
2	Non-treated			0
LSD (P=.05)				7.6
Standard Deviation				3.4
CV				7.85

Means followed by same letter do not significantly differ (P=.05, LSD)

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No.	Date	Maintenance Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit
1.							

SOIL DESCRIPTION

% Sand: 96 % OM: 1 Texture: sand
 % Silt: 3 pH: 6.3 Soil Name: _____
 % Clay: 1 CEC: _____ Fert. Level: _____

ADDITIONAL MEASURED ELEMENTS

Element	Quantity	Unit

MOISTURE CONDITIONS

No.	Date	Time	Amount	Unit	Type	Interval	Unit
1.							

Overall Moisture Conditions: wet

Closest Weather Station: _____ Distance: _____ Unit: ____

APPLICATION DESCRIPTION

	A
Application Date:	Mar-30-05
Time of Day:	3 pm
Application Method:	broadcast
Application Timing:	POT
Applic. Placement:	overtop
Air Temp., Unit:	82 F
% Relative Humidity:	50
Wind Velocity, Unit:	0 mph
Dew Presence (Y/N):	n
Water Hardness:	
Soil Temp., Unit:	88 F
Soil Moisture:	moist
% Cloud Cover:	0

CROP STAGE AT EACH APPLICATION

	A
Crop 1 Code, Stage:	ryegr POT
Stage Scale:	2 lf
Height, Unit:	2 inch

WEED STAGE AT EACH APPLICATION

	A
Weed 1 Code, Stage:	none .
Stage Scale:	.
Density, Unit:	. .

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APPLICATION EQUIPMENT

	A
Appl. Equipment:	backpack
Operating Pressure:	23
Nozzle Type:	flat fan
Nozzle Size:	11002
Nozzle Spacing, Unit:	18 inch
Nozzles/Row:	2
Band Width, Unit:	
Boom Length, Unit:	4.5 feet
Boom Height, Unit:	15 inch
Ground Speed, Unit:	3 mph
Incorporation Equip.:	
Hours to Incorp.:	
Incorp. Depth, Unit:	
Carrier:	water
Spray Volume, Unit:	14.8 GPA
Spray pH:	
Propellant:	CO2
Tank Mix (Y/N):	Y

Trt No	Treatment Application Comment