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**Ryegrass response to low rates of clethodim and Sandea to suppress growth.**

Trial ID: Veg24-08

Study Dir.: Stanley Culpepper

Location: Ponder farm

Investigator: Stanley Culpepper

Weed Code	LOLPE	LOLPE	RAPRA	RAPRA			
Rating Data Type	control	control	control	control			
Rating Unit	percent	percent	percent	percent			
Rating Date	Apr-30-08	May-14-08	Apr-30-08	May-14-08			
Trt-Eval Interval	13 DA-A	27 DA-A	13 DA-A	27 DA-A			
Trt No.	Treatment Name	Rate	Rate Unit	1	2	3	4
1	Select	3 OZ/A		69 b	65 b	99 a	99 a
	NIS	0.25 % V/V					
	Sandea	0.75 OZ/A					
2	Select	6 OZ/A		80 a	81 a	99 a	99 a
	NIS	0.25 % V/V					
	Sandea	0.75 OZ/A					
3	Non-treated			0 c	0 c	0 b	0 b
LSD (P=.05)				4.3	3.8	0.0	0.0
Standard Deviation				4.0	3.5	0.0	0.0
CV				8.09	7.25	0.0	0.0
Bartlett's X2				1.824	0.085	0.0	0.0
P(Bartlett's X2)				0.177	0.771	.	.

Means followed by same letter do not significantly differ (P=.05, Duncan's New MRT)



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## MAINTENANCE

Field Prep./Maintenance:

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

### SOIL DESCRIPTION

% Sand: 94	% OM: 1.3	Texture: sand	
% Silt: 2	pH: 6.4	Soil Name: Tifton sandy loam	
% Clay: 4	CEC: _____	Fert. Level: _____	

### ADDITIONAL MEASURED ELEMENTS

Element	Quantity	Unit

### MOISTURE CONDITIONS

No.	Date	Time	Amount	Unit	Type	Interval	Unit
1.							

Overall Moisture Conditions: fair

Closest Weather Station: \_\_\_\_\_ Distance: \_\_\_\_\_ Unit: \_\_\_\_

### APPLICATION DESCRIPTION

	A
Application Date:	Apr-17-08
Time of Day:	9:00 am
Application Method:	broadcast
Application Timing:	RM
Applic. Placement:	overtop
Air Temp., Unit:	50 F
% Relative Humidity:	47
Wind Velocity, Unit:	0 mph
Dew Presence (Y/N):	y
Water Hardness:	
Soil Temp., Unit:	45 F
Soil Moisture:	dry
% Cloud Cover:	0

### CROP STAGE AT EACH APPLICATION

	A
Crop 1 Code, Stage:	. .
Stage Scale:	.
Height, Unit:	

### WEED STAGE AT EACH APPLICATION

	A
Weed 1 Code, Stage:	LOLMG POST
Stage Scale:	6-8 in
Density, Unit:	20 ydsq
Weed 2 Code, Stage:	RAPRA POST
Stage Scale:	12-20 in
Density, Unit:	1 ydsq

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## APPLICATION EQUIPMENT

	A
Appl. Equipment:	backpack
Operating Pressure:	24
Nozzle Type:	flat fan
Nozzle Size:	11002
Nozzle Spacing, Unit:	18 inch
Nozzles/Row:	2
Band Width, Unit:	
Boom Length, Unit:	4.5 ft
Boom Height, Unit:	15 inch
Ground Speed, Unit:	3 MPH
Incorporation Equip.:	
Hours to Incorp.:	
Incorp. Depth, Unit:	
Carrier:	water
Spray Volume, Unit:	15 GPA
Spray pH:	
Propellant:	CO2
Tank Mix (Y/N):	Y

Trt No	Treatment Application Comment