

University of Georgia

Oat response to Axiom applied just prior to emergence.

Trial ID: Oat1-05

Study Dir.: Culpepper

Location: Ponder farm

Investigator: Stanley Culpepper

Weed Code	oat				RAPRA					
Crop Code	injury				control					
Rating Data Type	percent				percent					
Rating Unit	percent				percent					
Rating Date	Nov-15-04	Nov-19-04	Nov-29-04	Dec-28-04	Nov-19-04	Nov-29-04	Dec-28-04			
Trt-Eval Interval	10 DA-A	14 DA-A	24 DA-A	53 DA-A	14 DA-A	24 DA-A	53 DA-A			
Trt No.	Treatment Name	Rate	Rate Unit	1	2	3	4	5	6	7
1	Non-treated			0	0	0	0	0	0	0
2	Axiom	8 oz/a		7	8	45	60	92	99	99
LSD (P=.05)				14.3	15.8	12.4	0.0	9.4	0.0	0.0
Standard Deviation				4.1	4.5	3.5	0.0	2.7	0.0	0.0
CV				122.47	117.15	15.71	0.0	5.84	0.0	0.0

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: 94 % OM: 1.3 Texture: sand
 % Silt: 2 pH: 5.9 Soil Name: Tifton sandy loam
 % Clay: 4 CEC: _____ Fert. Level: _____

ADDITIONAL MEASURED ELEMENTS

Element	Quantity	Unit

MOISTURE CONDITIONS

	Date	Time	Amount	Unit	Type	Interval	Unit
1.							

Overall Moisture Conditions: .

Closest Weather Station: _____ Distance: _____ Unit: __

APPLICATION DESCRIPTION

	A
Application Date:	Nov-11-04
Time of Day:	11 am
Application Method:	broadcast
Application Timing:	delaypre
Applic. Placement:	on soil
Air Temp., Unit:	56 F
% Relative Humidity:	46
Wind Velocity, Unit:	2 mph
Dew Presence (Y/N):	n
Water Hardness:	
Soil Temp., Unit:	56 F
Soil Moisture:	moist
% Cloud Cover:	0

CROP STAGE AT EACH APPLICATION

	A
Crop 1 Code, Stage:	oat delaypre
Stage Scale:	not up
Height, Unit:	0 inch

WEED STAGE AT EACH APPLICATION

	A
Weed 1 Code, Stage:	RAPRA delaypre
Stage Scale:	1"
Density, Unit:	4 ydsq

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APPLICATION EQUIPMENT

	A
Appl. Equipment:	backpack
Operating Pressure:	22
Nozzle Type:	flat fan
Nozzle Size:	11002
Nozzle Spacing, Unit:	18 inch
Nozzles/Row:	
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