Oat response to Axiom applied just prior to emergence.

Trial ID: Oat1-05 Study Dir.: Culpepper

Location: Ponder farm Investigator: Stanley Culpepper

8 oz/a delayPRE A

Reps: 3 Plots: 12 by 25 feet

68 DF

Spray vol: 14.8 gal/ac Mix size: 2 liters (min 1.1575)

_	, ,			_					
Trt	Treatment	Form Form	Rate	Grow	Appl	Amt Product	Plot N	lo. By	Rep
No.	. Name	Conc Type	Rate Unit	Stg	Code	to Measure	1	2	3
1	Non-treated						101	202	301

8.096 g/mx

102

201

302

Sort Order: Treatment

2 Axiom

Product quantities required for listed treatments and applications in one trial:

Amount*	Unit	Treatment Name	Lot Code
10.121	g	Axiom 68 DF	

* 'Per area' calculations based on spray volume= 14.8 gal/ac, mix size= 2 liters (mix size basis).

* Product amount calculations increased 25 % for overage adjustment.

Trial Comments

OBJECTIVE: Evaluate oat response to Axiom applied just prior to emergence.

Visual Oat Response:

1) Axiom caused severe injury to oat.

Radish Response:

1) Axiom provided excellent control of wild radish.

Oat response to Axiom applied just prior to emergence.

Trial ID: Oat1-05 Study Dir.: Culpepper

Location: Ponder farm Investigator: Stanley Culpepper

Weed Code					RAPRA	RAPRA	RAPRA
Crop Code	oat	oat	oat	oat			
Rating Data Type	injury	injury	injury	injury	control	control	control
Rating Unit	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 Treatment Rate							
No. Name 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)

Mar-03-06 (OAT1-05) Site Description Page 3 of 5

University of Georgia

	Oat re	sponse to Axiom applied just prior to emergence.	
Trial ID: Oat1-	05	Study Dir.: Culpepper	
Location: Ponde	r farm	Investigator: Stanley Culpepper	
	GENE	RAL TRIAL INFORMATION	
Study Director:		Title: Ext. weed science	
Affiliation:			
Postal Code:		3001914	
roscar code.	31773		
Investigator:	Stanley Culpep	per Title: Ext. weed science	
Affiliation:		•	
Postal Code:		0001314	
		TRIAL LOCATION	
City: Ty	Гу	Trial Status: completed	
State/Prov.: Ga		Trial Reliability: good	
Postal Code: 31	795	Initiation Date: Nov-05-04	
Country: U.	S.A.	Planned Completion Date:	
E-Longitude of	LL Corner °:	N-Latitude of LL Corner °:	
Altitude of LL	Corner:	Unit: Angle y-axis to North °:	
Directions:			
	_	OOPERATOR/LANDOWNER	
_		Country:	
_		Phone No:	
		Fax No:	
			
City:			
		_	
Postal Code:			
Conducted Indon	CID (V/N). N	Conducted Under GEP (Y/N): N	
		line Description:	
Objective:			
Conclusions:			
	CROP	AND WEED DESCRIPTION	
Weed Code Commo	on Name	Scientific Name	
1. RAPRA wild	radish		
Crop 1: oat		Variety: Horizon 32	
Planting Date: 1	Nov-05-04	Planting Method: conventional	
Rate: 2 bu	ı/A Der	pth: 0.5 in Perennial Age:	
		ing Within Row: Seed Bed: flat	
		1 Moisture: moist Emergence Date: Nov-12-04	
		SITE AND DESIGN	
		Plot Length, Unit: 25 FT Reps: 3	
Site Type: re			
Tillage Type: co	onventional	Study Design: RANDOMIZED COMPLETE BLOCK	
Trial Initiation	n Comments:		
Provious	Crong	Previous Postigides Vear	

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

SOIL DESCRIPTION

Texture:

% Sand: 94 % OM: 1.3 % Silt: 2 pH: 5.9 % Clay: 4 CEC: ____ Soil Name: Tifton sandy loam

Fert. Level: __

ADDITIONAL MEASURED ELEMENTS

Element	Quantity	Unit

MOISTURE CONDITIONS

	Date	Time	Amount	Unit	Туре	Interval	Unit
1.							

Overall Moisture Conditions: .

______ Distance: _____ Unit: __ Closest Weather Station:

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

APPLICATION EQUIPMENT

		A
Appl. Equipment:	backı	pack
Operating Pressure:	22	
Nozzle Type:	flat	fan
Nozzle Size:	11002	2
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:	wate	r
Spray Volume, Unit:	14.8	GPA
Spray pH:		
Propellant:	CO2	
Tank Mix (Y/N):	Y	

Trt No	Treatment Application Comment