Crimson clover response to halosulfuron applied at blooming.

Trial ID: Veg25-08 Study Dir.: Davis, Culpepper
Location: Lee County Investigator: Stanley Culpepper

Reps: 4 Plots: 12 by 25 feet

Spray vol: 14.8 gal/ac Mix size: 2 liters (min 1.5434)

	Treatment Name	Form Form Conc Unit						Amt Product to Measure	Plot N	lo. By l	Rep 3	4
1	Sandea NIS	75	DG L			POST POST		0.334 g/mx 4.999 ml/mx		202	305	402
2	Sandea NIS	75	DG L			POST POST		0.6781 g/mx 4.999 ml/mx		204	302	403
3	Sandea	75	DG	0.67	OZ/A	POST	Α	0.6781 g/mx	103	201	303	405
4	Sandea NIS	75	DG L	_		POST POST		1.012 g/mx 4.999 ml/mx	104	205	301	404
5	Non-treated								105	203	304	401

Sort Order: Treatment

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

Amount*	Unit	Treatment Name	Form Conc	Form Type	Lot Code
3.378	g	Sandea	75	DG	
18.748	ml	NIS		L	

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

Trial Comments

OBJECTIVE: Determine crimson clover response to topical applications of Sandea.

CLOVER RESPONSE:

1. Topical applications of Sandea did not visually impact clover.

COMMENTS:

1. No weeds were common throughout the study but it did appear that vetch was not controlled by Sandea treatments.

^{*} Product amount calculations increased 25 % for overage adjustment.

^{* &#}x27;Per volume' calculations use spray volume= 14.8 gal/ac, mix size= 2 liters.

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HOCACION: Hee	Country		1117 C	stigatui.
Crop Code Rating Data Typ Rating Unit Rating Date Assessed By Trt-Eval Interval	e	clover injury percent May-03-08 SC 16 DA-A	injury percent May-12-08 SC	injury percent May-29-08 SC
Trt Treatment No. Name	Rate Rate Unit	1	2	3
1 Sandea NIS	0.33 OZ/A 0.25 % V/V	0 a	0 a	0 a
2 Sandea NIS	0.67 OZ/A 0.25 % V/V	0 a	0 a	0 a
3 Sandea	0.67 OZ/A	0 a	0 a	0 a
4 Sandea NIS	1.0 OZ/A 0.25 % V/V	0 a	0 a	0 a
5 Non-treated	d	0 a	0 a	0 a
LSD (P=.05) Standard Deviat CV Bartlett's X2 P(Bartlett's X2)	ion	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0

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

Jun-12-09 (Veg25-08) Site Description Page 3 of 5

University of Georgia

	Crimson clover res	ponse to halosulfuron applied at	: blooming.			
Trial ID: Veg25-08	5	Study Dir.: Davis, Culpepper				
Location: Lee Count		Investigator: Stanley Culpepper				
	GENERAL TRIAL					
Study Director: Sta		Title: Ext.Weed S	Science			
Affiliation: Uni		TICIC. Ext. weed b	CICIICC			
Postal Code: 317						
roscar code.	Jī					
Investigator: Sta	nley Culpepper	Title: Ext. Weed	Science			
Affiliation: Uni	versity of Georgia					
Postal Code: 317	94					
G!t C-	TRIAL LO					
City: Lee Co	•	Trial Status:				
State/Prov.: GA		Trial Reliability:				
Postal Code:		Initiation Date:				
Country: Lee		Planned Completion Date:				
		N-Latitude of LL Corner °:				
	er: Unit: _	Angle y-axis to North °:				
Directions:						
	COOPERATOR	/I.ANDOWNER				
Cooperator:	COOPERATOR					
_		_,				
Address 1:		Fax No:				
Address 2:						
City:						
State/Prov:		_				
Postal Code:						
		Conducted Under GEP (Y/N): N				
Guideiines.	Guideline Desci					
Objective:						
Conclusions:						
	GDOD AND LUTTE	DEGERATOR				
Wood Code	CROP AND WEED					
Weed Code	Common Name	Scientific Nam	ie			
1.						
Crop 1: clove CLC	OVER	Variety: crimson				
Planting Date:		ting Method:				
Rate:		Perennial Age:				
Row Spacing:	Spacing Within	Row: Seed Bed:				
		: Emergence Date:				
	SITE AND	DESIGN				
Plot Width, Unit: 13		gth, Unit: 25 FT Reps:	4			
Site Type: On far						
Tillage Type: none		dy Design: RANDOMIZED COMPLETE	BLOCK			
Trial Initiation Cor	mments:					
		Providence Paris 13	177			
Previous Cro	ps	Previous Pesticides	Year			

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

SOIL DESCRIPTION

% Sand:	_ % OM:	0.	Texture:	
% Silt:	_ pH:	0.	Soil Name:	
% Clav:	CEC:		Fert. Level:	

ADDITIONAL MEASURED ELEMENTS

Element	Quantity	Unit

MOISTURE CONDITIONS

	Date	Time	Amount	Unit	Type	Interval	Unit
1.							

Overall Moisture Conditions: moist		
Closest Weather Station:	Distance:	Unit:

APPLICATION DESCRIPTION

	A
Application Date:	Apr-17-08
Time of Day:	1:30pm
Application Method:	broadcast
Application Timing:	POST
Applic. Placement:	overtop
Air Temp., Unit:	76 f
<pre>% Relative Humidity:</pre>	50
Wind Velocity, Unit:	1 mph
Dew Presence (Y/N):	n
Water Hardness:	
Soil Temp., Unit:	71 F
Soil Moisture:	moist
% Cloud Cover:	0

CROP STAGE AT EACH APPLICATION

	A
Crop 1 Code, Stage:	clove POST
Stage Scale:	bloom
Height, Unit:	15 inch

WEED STAGE AT EACH APPLICATION

	WEED STAGE A
	A
Weed 1 Code, Stage:	
Stage Scale:	
Density, Unit:	

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:	wate	r
Spray Volume, Unit:	14.8	GPA
Spray pH:		
Propellant:	CO2	
Tank Mix (Y/N):	Y	

Trt No	Treatment Application Comment