

# University of Georgia

## Crimson clover response to halosulfuron applied at blooming.

Trial ID: Veg25-08  
Location: Lee County

Study Dir.: Davis, Culpepper  
Investigator: Stanley Culpepper

Reps: 4                      Plots: 12 by 25 feet  
Spray vol: 14.8 gal/ac      Mix size: 2 liters (min 1.5434)

Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Form Rate	Rate Unit	Grow Stg	Appl Code	Amt to Measure	Plot No. By Rep			
										1	2	3	4
1	Sandea	75		DG	0.33	OZ/A	POST	A	0.334 g/mx	101	202	305	402
	NIS			L	0.25	% V/V	POST	A	4.999 ml/mx				
2	Sandea	75		DG	0.67	OZ/A	POST	A	0.6781 g/mx	102	204	302	403
	NIS			L	0.25	% V/V	POST	A	4.999 ml/mx				
3	Sandea	75		DG	0.67	OZ/A	POST	A	0.6781 g/mx	103	201	303	405
	NIS			L	0.25	% V/V	POST	A	4.999 ml/mx				
4	Sandea	75		DG	1.0	OZ/A	POST	A	1.012 g/mx	104	205	301	404
	NIS			L	0.25	% V/V	POST	A	4.999 ml/mx				
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).
- \* Product amount calculations increased 25 % for overage adjustment.
- \* 'Per volume' calculations use spray volume= 14.8 gal/ac, mix size= 2 liters.

### 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.

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Crop Code			clover	clover	clover
Rating Data Type			injury	injury	injury
Rating Unit			percent	percent	percent
Rating Date			May-03-08	May-12-08	May-29-08
Assessed By			SC	SC	SC
Trt-Eval Interval			16 DA-A	25 DA-A	42 DA-A
Trt No.	Treatment Name	Rate	1	2	3
		Rate Unit			
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		0 a	0 a	0 a
LSD (P=.05)			0.0	0.0	0.0
Standard Deviation			0.0	0.0	0.0
CV			0.0	0.0	0.0
Bartlett's X2			0.0	0.0	0.0
P(Bartlett's X2)			.	.	.

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



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

**SOIL DESCRIPTION**

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

**ADDITIONAL MEASURED ELEMENTS**

Element	Quantity	Unit

**MOISTURE CONDITIONS**

No.	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
% Relative Humidity:	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**

	A
Weed 1 Code, Stage:	.
Stage Scale:	.
Density, Unit:	.

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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:	14.8 GPA
Spray pH:	
Propellant:	CO2
Tank Mix (Y/N):	Y

Trt No	Treatment Application Comment