

University of Georgia

Snapbean tolerance to Chateau PRE.

Trial ID: Veg55-06
 Location: 5137 Ponder

Study Dir.: Andrew MacRae
 Investigator: Stanley Culpepper

Reps: 3 Plots: 6 by 20 feet
 Spray vol: 20 gal/ac Mix size: 1 liters (min .62569)

Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Grow Unit	Appl Stg	Code	Amt Product to Measure	Plot No. By Rep		
										1	2	3
1	Non-treated Check									101	203	302
2	Chateau	51		WDG	1.5	OZ/A	PRE	A	0.5617 g/mx	102	204	303
3	Chateau	51		WDG	3.0	OZ/A	PRE	A	1.123 g/mx	103	201	301
4	Chateau	51		WDG	4.5	OZ/A	PRE	A	1.685 g/mx	104	202	304

Sort Order: Treatment

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

Amount*	Unit	Treatment Name	Form Conc	Form Type	Lot Code
4.213	g	Chateau	51	WDG	

* 'Per area' calculations based on spray volume= 20 gal/ac, mix size= 1 liters (mix size basis).
 * Product amount calculations increased 25 % for overage adjustment.

Trial Comments

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Crop Code	PHSVN	PHSVN	PHSVN
Rating Data Type	Injury	Injury	Injury
Rating Unit	%	%	%
Rating Date	Apr-19-06	May-03-06	May-11-06
Crop Stage	1 lf	2 trifol	4 trifol
Assessed By	AWM	AWM	AWM
Trt-Eval Interval	14 DA-B	28 DA-B	36 DA-B
Trt No.	Treatment Name	Rate	Unit
1	2	3	
1	Non-treated Check	0 c	0 b
2	Chateau	1.5 OZ/A	0 b
3	Chateau	3.0 OZ/A	1 ab
4	Chateau	4.5 OZ/A	4 a
LSD (P=.05)		1.7	3.6
Standard Deviation		0.9	1.8
CV		38.49	144.22
Bartlett's X2		0.542	0.932
P(Bartlett's X2)		0.462	0.334

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

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MAINTENANCE

Field Prep./Maintenance: Land was prepared conventionally and beds pulled. Snapbeans were planted followed by the PRE application. Irrigation at 0.4 inches was applied the same day as planting.

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

SOIL DESCRIPTION

% Sand: 94	% OM: 1.2	Texture: Sand	
% Silt: 2	pH: 6.2	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: Irrigated

Closest Weather Station: _____ Distance: _____ Unit: ____

APPLICATION DESCRIPTION

	A
Application Date:	Apr-05-06
Time of Day:	19:00
Application Method:	Broadcast
Application Timing:	PRE
Applic. Placement:	Soil
Air Temp., Unit:	74 F
% Relative Humidity:	47
Wind Velocity, Unit:	1 mph
Dew Presence (Y/N):	N
Water Hardness:	NA
Soil Temp., Unit:	77 F
Soil Moisture:	Slight
% Cloud Cover:	40

CROP STAGE AT EACH APPLICATION

	A
Crop 1 Code, Stage:	PHSVN
Stage Scale:	not emerg
Height, Unit:	

WEED STAGE AT EACH APPLICATION

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

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APPLICATION EQUIPMENT

	A
Appl. Equipment:	CO2 Spray
Operating Pressure:	23 psi
Nozzle Type:	TeeJet
Nozzle Size:	11002XR
Nozzle Spacing, Unit:	18 in
Nozzles/Row:	2
Band Width, Unit:	6 ft
Boom Length, Unit:	54 in
Boom Height, Unit:	15 in
Ground Speed, Unit:	3 mph
Incorporation Equip.:	Irrigatio
Hours to Incorp.:	1
Incorp. Depth, Unit:	
Carrier:	water
Spray Volume, Unit:	14.8 gpa
Spray pH:	
Propellant:	CO2
Tank Mix (Y/N):	N

Trt No	Treatment Application Comment