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			Snap	bean	tole	rance	to Chateau	PRE.			
Trial ID: Veg55-06 Study Dir.: Andrew MacRae											
Location: 5137 Pon	der		Ir	nvest	igato	or: St	anley Culpe	pper			
Reps: 3 Spray vol: 20 gal/ac	Plots: 6 by Mix s	y 20 feet ize: 1 lite	rs (miı	n .625	69)						
Trt Treatment No. Name	Form For Conc Uni	m Form t Type	Rate	Rate Unit	Grow Stg	Appl Code	Amt Product to Measure	Plot N 1	lo. By 2	Rep 3	
1 Non-treated Check	<							101	203	302	
2 Chateau	51	WDG	1.5	OZ/A	PRE	Α	0.5617 g/mx	102	204	303	
3 Chateau	51	WDG	3.0	OZ/A	PRE	Α	1.123 g/mx	103	201	301	
4 Chateau	51	WDG	4.5	OZ/A	PRE	Α	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

University of Georgia Snapbean tolerance to Chateau PRE.

Tri	al ID: Veg55-06				Study D	ir.: Andr	ew MacRae
Loc	ation: 5137 Pond	ler			Investiga	tor: Stan	ley Culpepper
Cro	o Code			PHSVN	PHSVN	PHSVN	
Rati	ng Data Type			Injury	Injury	Injury	
Rati	ng Unit			%	%	%	
Rati	ng Date			Apr-19-06	May-03-06	May-11-06	
Cro	o Stage			1 If	2 trifol	4 trifol	
Ass	essed By			AWM	AWM	AWM	
Trt-E	Eval Interval			14 DA-B	28 DA-B	36 DA-B	
Trt	Treatment		Rate				
No.	Name	Rate	Unit	1	2	3	
1	Non-treated Check			0 c	0 c	0 b	
2	Chateau	1.5	OZ/A	1 c	2 c	0 b	
3	Chateau	3.0	OZ/A	3 b	6 b	1 ab	
4	Chateau	4.5	OZ/A	5 a	10 a	4 a	
LSD	(P=.05)			1.7	3.9	3.6	
Star	ndard Deviation			0.9	1.9	1.8	
CV				38.49	45.56	144.22	
Bart	lett's X2			0.542	1.383	0.932	
P(B	artlett's X2)			0.462	0.501	0.334	

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

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	Snar	pbean tolerance to Chateau PRE.	
Trial ID: Veg55	-06	Study Dir.: Andrew MacRae	
Location: 5137	Ponder I	Investigator: Stanley Culpepper	
	GENERAL TRIA	AL INFORMATION	
Study Director: Affiliation: Postal Code:	Andrew MacRae University of Georgia 31794	Title: Pos Doc R	es Assoc
Investigator: Affiliation: Postal Code:	Stanley Culpepper University of Georgia 31794	Title: Ext. Weed	Science
	TRIAL	LOCATION	
City: Ty State/Prov.: GA Postal Code: 31 Country: US E-Longitude of 3 Altitude of LL 0 Directions:	Ty 794 A LL Corner °: Corner: Unit: COOPERATC	Trial Status: Trial Reliability: Initiation Date: Planned Completion Date: N-Latitude of LL Corner °: Angle y-axis to North °: DR/LANDOWNER Country: DR/LANDOWNER	completed good Apr-05-06
Address 1: Address 1: City: State/Prov: Postal Code: Conducted Under Guidelines: Objective: To	GLP (Y/N): N Guideline Des determine snapbean tol	Conducted Under GEP (Y/N): N scription:	
Conclusions: 1) 2) Injury level	All applications of Ch increased as the rate	nateau caused 10% or less injury of Chateau increased.	throughout the growing season.

	CROP AND WEED DESCRIPTION									
Weed	Code		Common N	ame				Scie	ntific Na	me
1.										
Crop	1: PHS	VN BEAN,	SNAP		_		Va	riety:	Charon	
Plant	ing Dat	e: Apr-05-0	06	I	Planting	Metho	d: See	ded		
Rate:	87120	P/A	Der	th: 1.	.5 IN		Peren	nial A	ge:	
Row S	pacing:	3 ft	Spaci	ng Wit	hin Row	: 2	in	See	d Bed: 6	foot bed
Soil	Tempera	ture: 87	F Soil	Moist	cure: Sl	ighty I	Mois	Emerge	nce Date:	:
				SITE A	ND DESI	GN				
Plot	Width,	Unit: 6	\mathbf{FT}	Plot	Length,	Unit:	20	FT	Reps:	3
Site Tilla	Type: ge Type	Research Convention	Station		Study D	esian:	RANDO	MIZED	COMPLETE	BLOCK
	511-									

Trial Initiation Comments:

	Previous Crops	Previous Pesticides	Year
1.			

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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.							

%	Sand:	94	% OM:	1.2	
%	silt:	2	pH:	6.2	
%	Clay:	4	CEC:		

SOIL DESCRIPTION Texture: Sand

pH:	6.2	Soil Name:	Tifton	Sandy	Loam
CEC:		Fert. Level:			

ADDITIONAL MEASURED ELEMENTS

Element	Quantity	Unit
		_

	MOISTURE CONDITIONS						
	Date	Time	Amount	Unit	Туре	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

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

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APPLICATION EQU	IPMENT
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	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:	C02
Tank Mix (Y/N):	Ν

Trt No

Treatment Application Comment