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Cabbage and collard response to Dual Magnum and Chateau.

Trial ID: Veg13-07

Study Dir.: Stanley Culpepper

Location: (Ponder Farm 5157)

Investigator: Stanley Culpepper

Crop Code		BRSOL	BRSOL	BRSOA	BRSOA	
Rating Data Type		injury	injury	injury	injury	
Rating Unit		%	%	%	%	
Rating Date		Apr-19-07	May-23-07	Apr-19-07	May-23-07	
Assessed By		SC	SC	SC	SC	
Trt-Eval Interval		24 DA-A	58 DA-A	24 DA-A	58 DA-A	
Trt No.	Treatment Name	Rate	Rate	Rate	Rate	
		Unit	Unit	Unit	Unit	
		1	2	3	4	
1	Dual Magnum	8 OZ/A	11 c	3 c	15 b	13 c
2	Dual Magnum	16 OZ/A	11 c	0 c	17 b	12 c
3	Dual Magnum	8 OZ/A	7 cd	0 c	9 bcd	0 d
4	Dual Magnum	16 OZ/A	3 d	2 c	0 d	0 d
5	Dual Magnum	8 OZ/A	1 d	0 c	13 bc	12 c
	Dual Magnum	8 OZ/A				
6	Non-treated		1 d	0 c	3 cd	0 d
7	Chateau	3 OZ/A	98 a	99 a	100 a	99 a
8	Chateau	3 OZ/A	23 b	32 b	15 b	25 b
LSD (P=.05)			5.9	8.7	9.6	4.3
Standard Deviation			3.4	4.9	5.5	2.5
CV			17.46	29.13	25.33	12.3
Bartlett's X2			12.477	3.614	3.978	0.971
P(Bartlett's X2)			0.086	0.164	0.553	0.808

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

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	Previous Crops	Previous Pesticides	Year
1.			

MAINTENANCE

Field Prep./Maintenance:

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

SOIL DESCRIPTION

% Sand: 94	% OM: 1.3	Texture: sand	
% Silt: 2	pH: 6.4	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: drip irrigation

Closest Weather Station: _____ Distance: _____ Unit: ____

APPLICATION DESCRIPTION

	A	B
Application Date:	Mar-26-07	Apr-02-07
Time of Day:	11 am	9 am
Application Method:	broadcast	broadcast
Application Timing:	PRE	POST
Applic. Placement:	on soil	overtop
Air Temp., Unit:	74 F	69 F
% Relative Humidity:	49	55
Wind Velocity, Unit:	2 mph	2 mph
Dew Presence (Y/N):	n	n
Water Hardness:		
Soil Temp., Unit:	69 F	65 F
Soil Moisture:	drip	drip
% Cloud Cover:	20	20

CROP STAGE AT EACH APPLICATION

	A	B
Crop 1 Code, Stage:	BRSOL preplant	BRSOL transplan
Stage Scale:	not up	4 leaf
Height, Unit:	0 inch	2 inch
Crop 2 Code, Stage:	BRSOA preplant	BRSOA transplan
Stage Scale:	not up	4 leaf
Height, Unit:	0 inch	2 inch

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WEED STAGE AT EACH APPLICATION

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

APPLICATION EQUIPMENT

	A	B
Appl. Equipment:	backpack	backpack
Operating Pressure:	23	23
Nozzle Type:	flat fan	flat fan
Nozzle Size:	11002	11002
Nozzle Spacing, Unit:	18 inch	18 inch
Nozzles/Row:	2	2
Band Width, Unit:		
Boom Length, Unit:	4.5 feet	4.5 feet
Boom Height, Unit:	15 inch	15 inch
Ground Speed, Unit:	3 mph	3 mph
Incorporation Equip.:		
Hours to Incorp.:		
Incorp. Depth, Unit:		
Carrier:	water	water
Spray Volume, Unit:	14.8 GPA	14.8 GPA
Spray pH:		
Propellant:	CO2	CO2
Tank Mix (Y/N):	Y	Y

Trt No	Treatment Application Comment