

University of Georgia

Strawberry response to Stinger applied in late Jan.

Trial ID: Veg7-06

Study Dir.: Stanley Culpepper

Location: Ponder (5158)

Investigator: Stanley Culpepper

Weed Code	Harv 1	Harv 1	Harv 2	Harv 2	Harv 3	Harv 3	Harv 4	Harv 4	
Crop Code	FRAAN	FRAAN	FRAAN	FRAAN	FRAAN	FRAAN	FRAAN	FRAAN	
Rating Data Type	fruit	wt	fruit	wt	fruit	wt	fruit	wt	
Rating Unit	#/7rowft	g/7rowft	#/7rowft	g/7rowft	#/7rowft	g/7rowft	#/7rowft	g/7rowft	
Rating Date	Feb-17-06	Feb-17-06	Feb-20-06	Feb-20-06	Feb-22-06	Feb-22-06	Feb-24-06	Feb-24-06	
Trt-Eval Interval	21 DA-A	21 DA-A	24 DA-A	24 DA-A	26 DA-A	26 DA-A	28 DA-A	28 DA-A	
ARM Action Codes									
Trt No.	Treatment Name	Rate	Rate	Rate	Rate	Rate	Rate	Rate	
		Unit							
			1	2	3	4	5	6	
1	Non-treated		0 a	5 a	2 a	25 a	0 a	0 b	0 a
2	Stinger	0.67 PT/A	0 a	3 a	0 a	4 a	0 a	0 b	1 a
3	Non-treated		0 a	0 a	0 a	3 a	1 a	13 a	1 a
4	Stinger	0.67 PT/A	1 a	6 a	1 a	16 a	0 a	3 ab	0 a
LSD (P=.05)			1.1	13.7	1.8	27.6	0.8	12.2	1.4
Standard Deviation			0.7	8.6	1.1	17.3	0.5	7.6	0.9
CV			266.67	259.99	150.72	147.8	210.82	186.71	195.18
Bartlett's X2			1.936	0.875	6.682	8.739	1.139	1.877	2.607
P(Bartlett's X2)			0.38	0.646	0.083	0.033*	0.286	0.171	0.272

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

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Weed Code	Harv 5	Harv 5	Harv 6	Harv 6	Harv 7	Harv 7	Harv 8	Harv 8	
Crop Code	FRAAN	FRAAN	FRAAN	FRAAN	FRAAN	FRAAN	FRAAN	FRAAN	
Rating Data Type	fruit	wt	fruit	wt	fruit	wt	fruit	wt	
Rating Unit	#/7rowft	g/7rowft	#/7rowft	g/7rowft	#/7rowft	g/7rowft	#/7rowft	g/7rowft	
Rating Date	Feb-27-06	Feb-27-06	Mar-03-06	Mar-03-06	Mar-08-06	Mar-08-06	Mar-10-06	Mar-10-06	
Trt-Eval Interval	31 DA-A	31 DA-A	35 DA-A	35 DA-A	40 DA-A	40 DA-A	42 DA-A	42 DA-A	
ARM Action Codes									
Trt No.	Treatment Name	Rate	Rate	Rate	Rate	Rate	Rate	Rate	
		Unit							
1	Non-treated								
2	Stinger	0.67 PT/A							
3	Non-treated								
4	Stinger	0.67 PT/A							
LSD (P=.05)		1.5	25.4	1.2	10.7	0.5	13.6	2.9	64.1
Standard Deviation		1.0	15.9	0.7	6.7	0.3	8.5	1.8	40.0
CV		153.19	166.16	149.07	153.0	230.94	231.01	91.29	101.38
Bartlett's X2		2.563	4.41	1.88	1.924	0.0	0.0	2.094	1.289
P(Bartlett's X2)		0.464	0.22	0.598	0.588	.	.	0.553	0.732

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

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Weed Code	Harv 9	Harv 9	Harv 10	Harv 10	Harv 11	Harv 11	Har1-6	Har1-6	
Crop Code	FRAAN	FRAAN	FRAAN	FRAAN	FRAAN	FRAAN	FRAAN	FRAAN	
Rating Data Type	fruit	wt	fruit	wt	fruit	wt	fruit	fruit	
Rating Unit	#/7rowft	g/7rowft	#/7rowft	g/7rowft	#/7rowft	g/7rowft	#/7rowft	g/7rowft	
Rating Date	Mar-22-06	Mar-22-06	Mar-29-06	Mar-29-06	Apr-03-06	Apr-03-06	Aug-09-06	Aug-09-06	
Trt-Eval Interval	54 DA-A	54 DA-A	61 DA-A	61 DA-A	66 DA-A	66 DA-A	194 DA-A	194 DA-A	
ARM Action Codes							T3	T4	
Trt No.	Treatment Name	Rate	Rate	Rate	Rate	Rate	Rate	Rate	
17	18	19	20	21	22	23	24		
1	Non-treated	3 a	64 a	11 a	241 a	15 a	307 a	3 a	38 a
2	Stinger 0.67 PT/A	4 a	78 a	7 a	167 a	17 a	344 a	3 a	36 a
3	Non-treated	3 a	68 a	7 a	146 a	14 a	258 a	3 a	40 a
4	Stinger 0.67 PT/A	5 a	111 a	7 a	147 a	17 a	340 a	3 a	39 a
LSD (P=.05)	3.7	78.1	5.3	132.5	6.7	165.1	4.1	58.7	
Standard Deviation	2.3	48.8	3.3	82.8	4.2	103.2	2.6	36.7	
CV	62.01	61.05	42.47	47.37	26.77	33.06	91.85	95.81	
Bartlett's X2	1.725	1.486	1.653	2.003	0.219	0.735	2.245	1.933	
P(Bartlett's X2)	0.631	0.685	0.647	0.572	0.975	0.865	0.523	0.586	

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

Column 23: T3 = [1]+[3]+[5]+[7]+[9]+[11]

Column 24: T4 = [2]+[4]+[6]+[8]+[10]+[12]

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Weed Code	Har1-11	Har1-11
Crop Code	FRAAN	FRAAN
Rating Data Type	fruit	fruit
Rating Unit	#/7rowft	g/7rowft
Rating Date	Aug-09-06	Aug-09-06
Trt-Eval Interval	194 DA-A	194 DA-A
ARM Action Codes	T1	T2
Trt No.	25	26
Treatment Name		
Rate		
Rate Unit		
1 Non-treated	32 a	686 a
2 Stinger 0.67 PT/A	33 a	662 a
3 Non-treated	29 a	562 a
4 Stinger 0.67 PT/A	34 a	684 a
LSD (P=.05)	13.7	320.8
Standard Deviation	8.6	200.5
CV	26.75	30.92
Bartlett's X2	0.427	1.092
P(Bartlett's X2)	0.935	0.779

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

Column 25: T1 = [C1]+[C3]+[C5]+[C7]+[C9]+[C11]+[C13]+[C15]+[C17]+[C19]+[C21]

Column 26: T2 = [C2]+[C4]+[C6]+[C8]+[C10]+[C12]+[C14]+[C16]+[C18]+[C20]+[C22]

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

SOIL DESCRIPTION

% Sand: 94 % OM: 1.1 Texture: sand
 % Silt: 2 pH: 6.1 Soil Name: Tifton sandy loam
 % Clay: 4 CEC: _____ Fert. Level: _____

ADDITIONAL MEASURED ELEMENTS

Element	Quantity	Unit

MOISTURE CONDITIONS

No.	Date	Time	Amount	Unit	Type	Interval	Unit
1.							

Overall Moisture Conditions: drip irrigation

Closest Weather Station: _____ Distance: _____ Unit: ____

APPLICATION DESCRIPTION

	A
Application Date:	Jan-27-06
Time of Day:	9 am
Application Method:	broadcast
Application Timing:	POST
Applic. Placement:	overtop
Air Temp., Unit:	61 F
% Relative Humidity:	27
Wind Velocity, Unit:	2 mph
Dew Presence (Y/N):	n
Water Hardness:	
Soil Temp., Unit:	62 F
Soil Moisture:	drip
% Cloud Cover:	0

CROP STAGE AT EACH APPLICATION

	A
Crop 1 Code, Stage:	FRAAN POST
Stage Scale:	5-8 lf
Height, Unit:	5 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 feet
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