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Irrigation Timing Impact on nutsedge response to fumigants.

Trial ID: Veg44-05

Study Dir.: Stanley Culpepper

Location: Ponder farm (5160)

Investigator: Stanley Culpepper

Weed Code	CYPRO control percent	CYPRO control percent	CYPRO control percent	CYPRO ct #/30ft	CYPRO ct #/30ft	CYPRO ct #/30ft	CYPRO ct #/30ft
Rating Data Type	Jul-27-05	Aug-05-05	Aug-17-05	Jul-27-05	Aug-02-05	Aug-08-05	Aug-15-05
Rating Unit	14 DA-A	23 DA-A	29 DA-A	14 DA-A	20 DA-A	26 DA-A	33 DA-A
Rating Date							
Trt-Eval Interval							
Trt No.	Treatment Name	Rate	Rate	Rate	Rate	Rate	Rate
		Unit	Unit	Unit	Unit	Unit	Unit
1	DMDS						
	Start Irrigate Day 0	83	30	42	77	91	223
2	DMDS						
	Start Irrigate Day 5	91	64	66	30	60	70
3	DMDS						
	Start Irrigate Day 10	99	73	73	14	51	67
4	Non-treated	0	0	0	202	404	342
5	T2(6G)+Vap(75G)+Pic(75lb)						
	Start Irrigate Day 0	89	84	84	34	69	75
6	T2(6G)+Vap(75G)+Pic(75lb)						
	Start Irrigate Day 5	95	85	87	32	61	59
7	T2(6G)+Vap(75G)+Pic(75lb)						
	Start Irrigate Day 10	94	83	85	31	52	62
LSD (P=.05)		8.2	7.7	7.8	52.0	67.9	98.7
Standard Deviation		4.6	4.3	4.3	28.9	37.8	54.9
CV		5.82	7.21	6.95	48.12	33.58	45.72

Means followed by same letter do not significantly differ (P=.05, LSD)

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Weed Code	CYPRO	CYPRO
Rating Data Type	ct	ct
Rating Unit	#/30ft	#/30ft
Rating Date	Aug-22-05	Aug-30-05
Trt-Eval Interval	40 DA-A	48 DA-A
Trt No.	Treatment Name	Rate Unit
8		9
1	DMDS Start Irrigate Day 0	306 345
2	DMDS Start Irrigate Day 5	190 202
3	DMDS Start Irrigate Day 10	175 152
4	Non-treated	422 433
5	T2(6G)+Vap(75G)+Pic(75lb) Start Irrigate Day 0	146 141
6	T2(6G)+Vap(75G)+Pic(75lb) Start Irrigate Day 5	114 88
7	T2(6G)+Vap(75G)+Pic(75lb) Start Irrigate Day 10	124 91
	LSD (P=.05)	84.9 84.4
	Standard Deviation	47.3 47.0
	CV	22.38 22.66

Means followed by same letter do not significantly differ (P=.05, LSD)

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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: 6.4 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: _____

Closest Weather Station: _____ Distance: _____ Unit: _____

APPLICATION DESCRIPTION

	A
Application Date:	Jul-13-05
Time of Day:	1 pm
Application Method:	broadcast
Application Timing:	PRE
Applic. Placement:	un mulch
Air Temp., Unit:	92 F
% Relative Humidity:	54
Wind Velocity, Unit:	2 mph
Dew Presence (Y/N):	n
Water Hardness:	
Soil Temp., Unit:	90 F
Soil Moisture:	moist
% Cloud Cover:	70

CROP STAGE AT EACH APPLICATION

	A
Crop 1 Code, Stage:	none
Stage Scale:	
Height, Unit:	

WEED STAGE AT EACH APPLICATION

	A
Weed 1 Code, Stage:	CYPRO preplant
Stage Scale:	not up
Density, Unit:	see data

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APPLICATION EQUIPMENT

	A
Appl. Equipment:	see
Operating Pressure:	comment
Nozzle Type:	section
Nozzle Size:	
Nozzle Spacing, Unit:	
Nozzles/Row:	
Band Width, Unit:	
Boom Length, Unit:	
Boom Height, Unit:	
Ground Speed, Unit:	
Incorporation Equip.:	
Hours to Incorp.:	
Incorp. Depth, Unit:	
Carrier:	
Spray Volume, Unit:	
Spray pH:	
Propellant:	
Tank Mix (Y/N):	

Trt No	Treatment Application Comment