

University of Georgia

Nutsedge response to Pic Chlor 60 applied under various mulches.

Trial ID: Veg18-07
Location: Ponder farm

Study Dir.: Stanley Culpepper
Investigator: Stanley Culpepper

Weed Code	CYPRO	CYPRO	CYPRO	CYPRO	CYPRO	
Rating Data Type	control	control	#	#	#	
Rating Unit	%	%	per plot	per plot	per plot	
Rating Date	Apr-03-07	May-14-07	Mar-28-07	Apr-12-07	May-10-07	
Assessed By	SC	SC				
Trt-Eval Interval	35 DA-A	76 DA-A	29 DA-A	44 DA-A	72 DA-A	
Trt No.	Treatment Name	Rate	Rate	Rate	Rate	
		Unit	Unit	Unit	Unit	
		1	2	3	4	
		5				
1	Pic Chlor 60 @ 21 G LDPE 1.25 mil	45 b	38 d	332 a	373 a	490 a
2	Pic Chlor 60 @ 21 G Blockade 1.25 mil	89 a	82 b	39 c	45 c	54 c
3	Pic Chlor 60 @ 21 G LDPE 1.75 mil	52 b	55 c	185 b	295 b	349 b
4	Pic Chlor 60 @ 21 G Ginegar 1.25 mil	98 a	95 a	1 c	8 c	13 c
5	Pic Chlor 60 @ 21 G Canslit 1.1 mil	95 a	93 a	4 c	11 c	19 c
6	Pic Chlor 60 @ 21 G Canslit 1.3 mil	92 a	94 a	11 c	21 c	29 c
LSD (P=.05)		9.8	6.0	91.3	63.4	58.4
Standard Deviation		5.4	3.3	50.2	34.9	32.1
CV		6.89	4.33	52.62	27.8	20.21
Bartlett's X2		5.482	4.91	30.054	18.217	20.724
P(Bartlett's X2)		0.36	0.427	0.001*	0.003*	0.001*

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

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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: _____

Closest Weather Station: _____ Distance: _____ Unit: _____

APPLICATION DESCRIPTION

	A
Application Date:	Feb-27-07
Time of Day:	12 pm
Application Method:	shank inj
Application Timing:	preplant
Applic. Placement:	un plasti
Air Temp., Unit:	70 F
% Relative Humidity:	45
Wind Velocity, Unit:	3 mph
Dew Presence (Y/N):	n
Water Hardness:	
Soil Temp., Unit:	65 F
Soil Moisture:	moist
% Cloud Cover:	25

CROP STAGE AT EACH APPLICATION

	A
Crop 1 Code, Stage:	none preplant
Stage Scale:	no crop
Height, Unit:	0 inch

WEED STAGE AT EACH APPLICATION

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

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APPLICATION EQUIPMENT

	A
Appl. Equipment:	tractor
Operating Pressure:	inject 8"
Nozzle Type:	
Nozzle Size:	
Nozzle Spacing, Unit:	12 inch
Nozzles/Row:	3
Band Width, Unit:	
Boom Length, Unit:	
Boom Height, Unit:	
Ground Speed, Unit:	3 mph
Incorporation Equip.:	
Hours to Incorp.:	
Incorp. Depth, Unit:	
Carrier:	
Spray Volume, Unit:	21 GPA
Spray pH:	
Propellant:	N
Tank Mix (Y/N):	Y

Trt No	Treatment Application Comment