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											- 7 4 -	
	weed and	tomoato	respon	ise to	DMDS T.	DPE mu	res a <u>r</u> lch.	ppiled unde	er VIF	, met	a⊥ız€	a and
Trial	ID: Veq34-07			Pr	otoco	ol ID:						
Locat	ion: Ponder Fa	rm		Study	Dire	ector:	Stanle	ey Culpepe	er			
	10			Inv	restic	jator:	Stanle	ey Culpeppe	er			
eps: 3	Plo	ots: 6 by 60) feet									
pray vol:	14.8 gal/ac	Mix size	: 2 liters	(min 1.:	389)							
rt Treat	ment	Form Fo	rm Forn	ı	Rate	Growth	Appl	Amt Product	Plot N	lo. By l	Rep	
lo. Nam	e	Conc Ur	nit Type	Rate	Unit	Stage	Code	to Measure	1	2	3	
1 DMD	S 79:21 @ 40 GPA	\					A		101	202	308	
Bloca	ade Mulch											
2 DMD	S 79:21 @ 40 GPA	١					А		103	208	305	
Metal	ized Mulch											
3 DMD	S 79:21 @ 50 GPA	<u> </u>					Α		102	205	304	
Bloca	ade Mulch											
4 DMD	S 79:21 @ 60 GPA	\					A		104	203	302	
Bloca	ade Mulch											
5 DMD	S 79:21 @ 70 GPA	1					Α		105	201	306	
Bloca	ade Mulch										1	
6 DMD	S 79:21 @ 70 GPA	\					A		106	207	303	
LDPE	Mulch											
7 Non-t	treated Control								107	204	307	
8 MB 5	0:50 240 lb/A						А		108	206	301	
Bloca	ade Mulch								1		1	

Sort Order: Treatment

Product quantities required for listed treatments and applications in one trial:

Amount* Unit Treatment Name Form Conc Form Type Lot Code

* 'Per area' calculations based on spray volume= 14.8 gal/ac, mix size= 2 liters (mix size basis).
 * Product amount calculations increased 25 % for overage adjustment.

Trial Comments

OBJECTIVE: Determine the rate of DMDS (79:21) needed under Blocade mulch in the fall.

NUTSEDGE CONTROL AND COUNTS:

1. At 40 GAL/A, control from DMDS under VIF mulch was nearly 20% greater than under metalized mulch at harvest.

- 2. At harvest, 40 GAL/A of DMDS under VIF mulch was more effective than 70 GAL/A under LDPE mulch.
- 3. DMDS at 50, 60, and 70 GAL/A provided control that was numerically greater than the MB standard.

4. The MB standard was a 50:50 mixture which is less effective than a 67:33 and 57:43 mixture based on other research. The 50:50 mixture will not be recommended for the fall.

NUTSEDGE HEIGHTS:

1. Ten plants per plot were measured.

2. Plants growing on metalized mulch were taller than those on VIF mulch. Minor early season stunting was noted on the DMDS/Blocade treatments at 50 GAL/A or greater. However, fumigant stunting was not likely the culprit. The metalized mulch may have been serving to reduce insect infestations which were a major problem during this study.

YIELD:

- 1. Tomato were harvested 4 times.
- 2. Yellow leaf curl devastated this trial during mid season; thus, yields were greatly impacted.
- 3. No differences in tomato yield were noted from tomato in fumigated plots.

4. There was a trend for greater yield on the metazlied mulch which suggest a possible advantage in the metalized mulch serving as an insect repellent compared to other mulches.

GENERAL COMMENTS:

1. Fumigants were injected with 3 knives placing the fumigant 8 inches deep on a 32 inch bed top and covered immediately with mulch.

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LDPE mulch.Trial ID: Veg34-07 Location: Ponder FarmProtocol ID:Study Director: Stanley CulpepperPest Code Crop Code BBCH Scale Rating Date Rating UnitLYPES Aug-10-07CYPRO Sep-01-07CYPRO Aug-05-07CYPRO Aug-10-07CYPRO Sep-01-07CYPRO Aug-05-07CYPRO Aug-10-07CYPRO Aug-22-07CYPRO Sep-01-07CYPRO Sep-27-07Rating Data Type Rating UnitM%%%%%%%Assessed By Days After First/Last Applic.SCSCSCSCSCSCSCSCTrt-Eval Interval ARM Action Codes24 DA-A46 DA-A19 DA-A24 DA-A36 DA-A46 DA-A72 DA-ATrt Treatment RateRate Days Miter First/Last Applic.Rate Days Miter First/Last Applic.Days Miter First Action CodesDays Miter First Action CodesD	Weed and tomoato re	esponse t	o DMDS mi:	xtures app	plied unde	er VIF, me	etalized a	ind		
Protocol ID.Location: Ponder FarmStudy Director: Stanley CulpepperPest CodeLYPESCYPROCORBUSOBUSOBUSOBUSOBUSOBUSOBUSOBUSOBUSOBUSOBUSOBUSOBUSOBUSOBUSOBUSOSep-01-07Sep-01-07Sep-01-07Sep-01-07Sep-01-07Sep-01-07 <th col<="" td=""><td>T_{1}</td><td>-</td><td></td><td>mulch.</td><td></td><td></td><td></td><td></td><td></td></th>	<td>T_{1}</td> <td>-</td> <td></td> <td>mulch.</td> <td></td> <td></td> <td></td> <td></td> <td></td>	T_{1}	-		mulch.					
Pest CodeLYPES	Location: Ponder Farm	r Stuć	W Directo	D. r: Stanle	v Culnenn	or				
Pest CodeLYPESLYPESCYPROCYPROCYPROCYPROCYPROCYPROCrop CodeLYPESLYPESLYPESLYPESLYPESLYPESLYPESLYPESLYPESBBCH ScaleBVSOBVSOBVSOBVSOBVSOBVSOBVSOBVSOBVSOBVSORating DateAug-10-07Sep-01-07Aug-05-07Aug-10-07Aug-22-07Sep-01-07Sep-27-07Rating Unit%%%%%%%%Assessed BySCSCSCSCSCSCDays After First/Last Applic.24461924364672Trt-Eval Interval24 DA-A46 DA-A19 DA-A24 DA-A36 DA-A46 DA-A72 DA-AARM Action CodesTrt TreatmentRateTextTextTextTextTextTextText	Location: Fonder Farm	Tr	vestigato	r: Stanle	y Culpepp v Culpepp	er				
Crop CodeLYPES	Post Codo			CVDDO				CVBBO		
BBCH ScaleBVSOBVSOBVSOBVSOBVSOBVSOBVSOBVSOBVSORating DateAug-10-07Sep-01-07Aug-05-07Aug-10-07Aug-22-07Sep-01-07Sep-27-07Rating Data TypeinjuryinjurycontrolcontrolcontrolcontrolcontrolcontrolRating Unit%%%%%%%%%Assessed BySCSCSCSCSCSCSCDays After First/Last Applic.24461924364672Trt-Eval Interval24 DA-A46 DA-A19 DA-A24 DA-A36 DA-A46 DA-A72 DA-AARM Action CodesDia WeiterDia WeiterDia WeiterDia WeiterDia WeiterDia WeiterDia Weiter	Cron Code	I YPES	I YPES		LYPES					
Rating DateAug-10-07Sep-01-07Aug-05-07Aug-10-07Aug-22-07Sep-01-07Sep-27-07Rating Data TypeinjuryinjuryinjurycontrolcontrolcontrolcontrolcontrolcontrolRating Unit%%%%%%%%%Assessed BySCSCSCSCSCSCSCDays After First/Last Applic.24461924364672Trt-Eval Interval24 DA-A46 DA-A19 DA-A24 DA-A36 DA-A46 DA-A72 DA-AARM Action CodesRateImage: Second Seco	BCH Scale	BVSO	BVSO	BVSO	BVSO	BVSO	BVSO	BVSO		
Rating Data TypeinjuryinjuryinjurycontrolcontrolcontrolcontrolcontrolcontrolRating Unit%%%%%%%%%%Assessed BySCSCSCSCSCSCSCSCDays After First/Last Applic.24461924364672Trt-Eval Interval24 DA-A46 DA-A19 DA-A24 DA-A36 DA-A46 DA-A72 DA-AARM Action CodesTrtRateImage: Control interval inte	Rating Date	Aug-10-07	Sep-01-07	Aug-05-07	Aug-10-07	Aug-22-07	Sep-01-07	Sep-27-07		
Rating Unit%%%%%%Assessed BySCSCSCSCSCSCDays After First/Last Applic.24461924364672Trt-Eval Interval24 DA-A46 DA-A19 DA-A24 DA-A36 DA-A46 DA-A72 DA-AARM Action CodesTrt TreatmentRate </td <td>Rating Data Type</td> <td>injury</td> <td>injury</td> <td>control</td> <td>control</td> <td>control</td> <td>control</td> <td>control</td> <td></td>	Rating Data Type	injury	injury	control	control	control	control	control		
Assessed By Days After First/Last Applic.SCSCSCSCSCSCSC24461924364672Trt-Eval Interval ARM Action Codes24 DA-A46 DA-A19 DA-A24 DA-A36 DA-A46 DA-ATrt TreatmentRate1000000000000000000000000000000000000	Rating Unit	%	%	%	%	%	%	%		
Days After First/Last Applic.24461924364672Trt-Eval Interval ARM Action Codes24 DA-A46 DA-A19 DA-A24 DA-A36 DA-A46 DA-A72 DA-ATrt TreatmentRate D to theirRate10 DA-A10 DA-A10 DA-A10 DA-A10 DA-A10 DA-A10 DA-A	ssessed By	SC	SC	SC	SC	SC	SC	SC		
Trt-Eval Interval 24 DA-A 46 DA-A 19 DA-A 24 DA-A 36 DA-A 46 DA-A 72 DA-A ARM Action Codes Trt Treatment Rate Image: Control of the second sec	Days After First/Last Applic.	24	46	19	24	36	46	72		
ARM Action Codes Trt Treatment Rate	rt-Eval Interval	24 DA-A	46 DA-A	19 DA-A	24 DA-A	36 DA-A	46 DA-A	72 DA-A		
Trt Treatment Rate	RM Action Codes									
	rt Treatment Rate									
No. Name Rate Unit 1 2 3 4 5 6 7	Io. Name Rate Unit	1	2	3	4	5	6	7		
1 DMDS 79:21 @ 40 GPA 0 a 0 c 99 a 98 a 95 a 84 bc 85 b	1 DMDS 79:21 @ 40 GPA	0 a	0 c	99 a	98 a	95 a	84 bc	85 b		
Blocade Mulch	Blocade Mulch									
2 DMDS 79:21 @ 40 GPA 0 a 0 c 99 a 94 bc 80 b 72 d 67 c	2 DMDS 79:21 @ 40 GPA	0 a	0 c	99 a	94 bc	80 b	72 d	67 c		
Metalized Mulch	Metalized Mulch									
3 DMDS 79:21 @ 50 GPA 0 a 3 b 99 a 99 a 98 a 96 a 93 ab	3 DMDS 79:21 @ 50 GPA	0 a	3 b	99 a	99 a	98 a	96 a	93 ab		
Blocade Mulch	Blocade Mulch									
4 DMDS 79:21 @ 60 GPA 0 a 5 a 99 a 99 a 97 a 96 a 97 ab	4 DMDS 79:21 @ 60 GPA	0 a	5 a	99 a	99 a	97 a	96 a	97 ab		
Blocade Mulch	Blocade Mulch									
5 DMDS 79:21 @ 70 GPA 0 a 5 a 99 a 99 a 97 a 97 a 98 a	5 DMDS 79:21 @ 70 GPA	0 a	5 a	99 a	99 a	97 a	97 a	98 a		
Blocade Mulch	Blocade Mulch									
6 DMDS 79:21 @ 70 GPA 0 a 6 a 93 b 91 c 81 b 75 cd 72 c	6 DMDS 79:21 @ 70 GPA	0 a	6 a	93 b	91 c	81 b	75 cd	72 c		
LDPE Mulch	LDPE Mulch									
7 Non-treated Control 0 a 0 c 0 c 0 d 0 c 0 e 0 d	7 Non-treated Control	0 a	0 c	0 c	0 d	0 c	0 e	0 d		
8 MB 50:50 240 lb/A 0 a 0 c 99 a 97 ab 91 a 87 ab 87 ab	8 MB 50:50 240 lb/A	0 a	0.0	99 a	97 ab	91 a	87 ab	87 ab		
Blocade Mulch	Blocade Mulch	υu	00	00 u	01 45	01 4	01 45	01 40		
ISD(P=05) 0.0 1.0 0.0 3.8 8.3 10.9 10.9	SD (P= 05)	0.0	10	0.0	3.8	83	10 9	10 9	ĺ	
Standard Deviation 0.0 0.0 0.6 0.0 2.2 47 62 62	Standard Deviation	0.0	0.6	0.0	22	47	62	62		
CV 0.0 22.51 0.0 2.56 5.9 8.17 8.27	SV	0.0	22,51	0.0	2.56	5.9	8,17	8.27		
Bartlett's X2 0.0 1.581 0.0 3.577 9.583 9.477 7.841	artlett's X2	0.0	1.581	0.0	3.577	9.583	9.477	7.841		
P(Bartlett's X2) . 0.664 . 0.311 0.143 0.148 0.25	P(Bartlett's X2)		0.664		0.311	0 143	0 148	0.25	1	

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

plant 3
LYPES
BVSO
Sep-04-07
ht
cm
49
49 DA-A
14
29 ab
32 a
27 b
32 a
32 a
29 ab
32 a
32 a
4.2
2.4
7.84
6.311
0.504

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

Pest Code	plant 4	plant 5	plant 6	plant 7	plant 8	plant 9	plant 10
Crop Code	LYPES						
BBCH Scale	BVSO						
Rating Date	Sep-04-07						
Rating Data Type	ht						
Rating Unit	cm						
Assessed By							
Days After First/Last Applic.	49	49	49	49	49	49	49
Trt-Eval Interval	49 DA-A						
ARM Action Codes							
Trt Treatment Rate							
No. Name Rate Unit	15	16	17	18	19	20	21
1 DMDS 79:21 @ 40 GPA Blocade Mulch	27 a	30 b	27 b	29 bc	31 a	30 a	28 ab
2 DMDS 79:21 @ 40 GPA Metalized Mulch	33 a	37 a	38 a	37 a	33 a	36 a	31 ab
3 DMDS 79:21 @ 50 GPA Blocade Mulch	32 a	33 ab	32 b	29 bc	32 a	31 a	32 ab
4 DMDS 79:21 @ 60 GPA Blocade Mulch	29 a	31 ab	30 b	28 c	32 a	31 a	24 b
5 DMDS 79:21 @ 70 GPA Blocade Mulch	29 a	32 ab	30 b	34 ab	31 a	29 a	26 ab
6 DMDS 79:21 @ 70 GPA LDPE Mulch	30 a	33 ab	32 b	35 a	31 a	31 a	32 ab
7 Non-treated Control	31 a	32 ab	32 b	35 a	33 a	31 a	35 a
8 MB 50:50 240 lb/A Blocade Mulch	33 a	32 ab	31 b	33 abc	32 a	31 a	29 ab
LSD (P=.05)	6.9	5.4	5.5	4.9	5.6	7.6	8.7
Standard Deviation	4.0	3.1	3.2	2.8	3.2	4.3	5.0
CV	13.0	9.56	10.02	8.59	10.12	13.94	16.84
Bartlett's X2	5.838	2.881	6.559	5.867	3.397	8.171	5.879
P(Bartlett's X2)	0.559	0.896	0.476	0.555	0.846	0.318	0.554

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

				<u> </u>				
Pest Code	AVG10PLA	Harv 1	Harv 1	Harv 2	Harv 2	Harv 3	Harv 3	Harv 4
Crop Code	LYPES	LYPES	LYPES	LYPES	LYPES	LYPES	LYPES	LYPES
BBCH Scale	BVSO	BVSO	BVSO	BVSO	BVSO	BVSO	BVSO	BVSO
Rating Date	Sep-04-07	Oct-18-07	Oct-18-07	Oct-18-07	Oct-18-07	Oct-31-07	Oct-31-07	Nov-06-07
Rating Data Type	ht	#	wt/lb	#	wt/lb	#	wt/lb	#
Rating Unit	cm	per plot	per plot	per plot	per plot	per plot	per plot	per plot
Assessed By								
Days After First/Last Applic.	49	93	93	93	93	106	106	112
Trt-Eval Interval	49 DA-A	93 DA-A	93 DA-A	93 DA-A	93 DA-A	106 DA-A	106 DA-A	112 DA-A
ARM Action Codes	T5							
Trt Treatment Rate	•							
No. Name Rate Unit	22	23	24	25	26	27	28	29
1 DMDS 79:21 @ 40 GPA	29 b	18 a	7 a	26 b	10 a	26 a	11 a	23 a
Blocade Mulch								
2 DMDS 79:21 @ 40 GPA	34 a	20 a	7 a	41 a	12 a	26 a	11 a	33 a
Metalized Mulch								
3 DMDS 79:21 @ 50 GPA	30 b	20 a	8 a	35 ab	12 a	29 a	12 a	26 a
Blocade Mulch			0 0	00 00				
4 DMDS 79:21 @ 60 GPA	30 b	19 a	7 a	30 h	10 a	17 h	7 h	27 a
Blocade Mulch	00.0	10 4	rα	00 5	10 4			21 4
5 DMDS 70:21 @ 70 GPA	30 h	16 ah	6 ah	28 h	10 a	23 ah	Q ah	25.2
Blocade Mulch	50 5	10 80	0 80	20 0	10 a	25 85	5 85	25 a
	21 h	20. 0	7.0	26 h	0.0	05 ob	10. ch	24.0
0 DMDS 79.21 @ 70 GPA	31.0	20 a	7 a	20 0	9 a	25 ab	10 ab	24 a
	00.1	5 1			4.1		_	
7 Non-treated Control	32 ab	5 D	1 D	11 C	4 D	8 C	5 C	0.8
8 MB 50:50 240 lb/A	32 ab	14 ab	5 ab	31 ab	12 a	21 ab	9 ab	29 a
Blocade Mulch								
LSD (P=.05)	2.7	11.8	4.4	10.4	3.5	7.9	2.7	10.3
Standard Deviation	1.5	6.7	2.5	5.9	2.0	4.5	1.6	5.9
CV	4.97	40.57	40.56	20.67	20.15	20.56	16.84	24.3
Bartlett's X2	3.701	16.863	18.228	3.532	6.587	4.029	3.308	13.89
P(Bartlett's X2)	0.814	0.018*	0.011*	0.832	0.473	0.776	0.855	0.053

Means followed by same letter do not significantly differ (P=.05, Duncan's New MRT) Column 22: T5 = @AVG([12].[21])

AOV Means Table Page 7 of 11

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							-
Pest C	Code		Harv 4	Harv 1-2	Harv 1-2	Harv 1-4	Harv 1-4
Crop (Code		LYPES	LYPES	LYPES	LYPES	LYPES
BBCH	l Scale		BVSO	BVSO	BVSO	BVSO	BVSO
Rating	j Date		Nov-06-07				
Rating) Data Type		wt/lb	#	wt/lb	#	wt/lb
Rating	g Unit		per plot	per plot	per plot	per plot	per plot
Asses	sed By						
Days A	After First/Last Applic.		112				
Trt-Eva	al Interval		112 DA-A				
ARM A	Action Codes		ļ'	T1	T2	T3	T4
Trt T	reatment	Rate					
No. N	lame	Rate Unit	30	31	32	33	34
1 D	MDS 79:21 @ 40 GPA		8 a	44 a	16 a	93 ab	35 a
В	locade Mulch						
2 D	MDS 79:21 @ 40 GPA		12 a	61 a	20 a	120 a	43 a
N	letalized Mulch						
3 D	MDS 79:21 @ 50 GPA		8 a	55 a	20 a	109 ab	39 a
В	Blocade Mulch		-		-		
4 D	MDS 79:21 @ 60 GPA		10 a	49 a	17 a	93 ab	35 a
B	Blocade Mulch					00	
5 D	MDS 79.21 @ 70 GPA		9 a	44 a	16 a	91 b	34 a
B	Blocade Mulch		v 4	~	10 4		01 4
6 D	MDS 79.21 @ 70 GPA		8 a	47 a	17 a	96. ab	35 a
	DPF Mulch		0 4	τ <i>ι</i> α	17 u	30 65	00 u
7 N	Ion-treated Control		3 h	16 b	5 b	33 C	12 h
0 M			11 0	16 0	17.0	06 ab	27.0
	ID 30.30 Z40 ID/A		11 a	40 a	1 <i>1</i> a	90 au	31 a
							
LSD (H	P=.05)		4.4	17.8	6.3	24.8	9.4
Standa	ard Deviation		2.5	10.2	3.6	14.2	5.4
			29.61	22.55	22.52	15.51	16.0
Bartlet	it's X2		18.659	7.949	12.982	20.133	8.373
P(Bart	(lett's X2)		0.009*	0.337	0.073	0.005*	0.301

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

Column 31: T1 = ([C23]+[C25])

Column 32: T2 = ([C24]+[C26])

Column 33: T3 = ([C23]+[C25]+[C27]+[C29]) Column 34: T4 = ([C24]+[C26]+[C28]+[C30])

Site Description Page 8 of 11

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w	eed and tomoato respons	se to DMDS mixt	ures applied under	VIF, metalized	and
		LDPE m	ulch.	· · · · · · · · · · · · · · · · · · ·	
Trial ID: Ve	≥g34–07	Protocol ID:			
Location: Po	onder Farm	Study Director:	Stanley Culpepper	r	
		Investigator:	Stanley Culpepper	r	
	General 7	Frial Informati	on		
Study Director:	Stanley Culpepper		Title: Ext. We	ed Science	
Affiliation:	University of Georgia				
Postal Code:	31794 E-r	nail:			
	_				
Investigator:	Stanley Culpepper		Title: Ext. We	ed Science	
Affiliation:	University of Georgia	· -			
Postal Code:	31794 E- n	nail:			
Keywords:					
	Trial	Location			
City: Ty	Ту	Trial	Status:	completed	
State/Prov.: GA		Trial	Reliability:	good	
Postal Code: 31	794	Initia	tion Date:	Jul-17-07	
Country: US	A	Planne	d Completion Date:	:	
Latitude of :	LL Corner °:	Longitu	de of LL Corner °:	3	
Altitude of LL	Corner: Unit:	Angle [.]	y-axis to North °:	:	
Map Reference:					
Directions:					
	055	· · · - · · · · · · · · · · · ·			
Conducted Under	GLP: _ UIII	Clai Trial Code	ð:		
Conducted Under	GEP: _ C)ther Trial Cour	3:		
Guideline		Descrip	tion		
1.					
	, <u> </u>			_	
_ Objectives:					
Conclusions:					
	Cooperate	or/Landowner			
Cooperator:			Country:		
Organization: _			Phone No:		
Address 1: _			Fax No:		
Address 2: _					
City: _					
State/Prov:	<u> </u>				
Postal Code: _	E-mail:				

		Crop 1	Description						
Crop 1: LYPES L	ycopersic	on escule	entum	To	omato				
Variety: Bella Ro	sa		Descript:	ion: _					
BBCH Scale:	BVSO		Pla	nting	Date:	Aug-1	L4-07		
Planting Method:	transpl	ant	1	Rate,	Unit:	1	per	20	inc
Depth, Unit:	1.5 i	n	Perennial	Age,	Unit:				
Row Spacing, Unit	:6 f	oot	Spacing Within	Row,	Unit:	20	inch		
Seed Bed:	mulch		Soil Temperat	ture,	Unit:	98	F		
Soil Moisture:	drip		Emerg	gence	Date:				
Harvest Date:			Harvest	Equip	ment:				
Harvested Width,	Unit:		Harvested	Lengt	h, Uni	t:			
% Standard Moistu	re:		Moist	ture M	leter:				
Weighing Equipmen	t:								

est 1 Type: W Code: CYPRO						
Common Name: Cyperus rotundus						
Description: Purple nutsedge	Purple nutsedge					

		Site	and Design	
Plot Width, Unit:	6	FT	Site Type:	Ponder Farm
Plot Length, Unit:	60	FT	Tillage Type:	Conventional
Replications:	3		Study Design:	Randomized Complete Block
% Slope:		5	Soil Drainage:	

Trial Initiation Comments:

	Previous Crops	Previous Pesticides	Year
1.			

		Maintenance						
		Maintenance	Form	Form	Form		Rate	Tank
No.	Date	Treatment Name	Conc	Unit	Туре	Rate	Unit	Mix
1.								

Comment:

Field Prep./Maintenance:

Soil Description

				son somerer		
Descrip	tion N	lame:				
% Sand:	94	% OM:	6.4	Texture:	Sand	
% Silt:	2	pH:	1.3	Soil Name:	Tifton sandy loam	
% Clay:	4	CEC:		Fert. Level:		
Analyze	d By:					

Additional	Measured Elemen	its
Element	Quantity	Unit

	Moisture Conditions		
Overall Moisture Conditions:	drip irrigation		
Closest Weather Station:		Distance:	Unit:

	Date	Time	Amount	Unit	Туре	Interval	Unit
1.							

Application Description

	A
Application Date:	Jul-17-07
Time of Day:	11 am
Application Method:	broadcast
Application Timing:	injected
Application Placement:	8 in
Applied By:	SC and WU
Air Temperature, Unit:	90 F
% Relative Humidity:	48
Wind Velocity, Unit:	2 mph
Wind Direction:	
Dew Presence (Y/N):	n
Water Hardness:	
Soil Temperature, Unit:	91 F
Soil Moisture:	moist
% Cloud Cover:	25
Next Rain Occurred On:	

Crop Stage At Each Application

	A
Crop 1 Code, BBCH Scale:	LYPES BVSO
Stage Scale Used:	BBCH
Stage Majority, Percent:	
Stage Minimum, Percent:	
Stage Maximum, Percent:	
Diameter, Unit:	
Height, Unit:	
Height Minimum, Maximum:	

Pest Stage At Each Application

	A
Pest 1 Code, Disc., Scale:	CYPRO W .
Stage Majority, Percent:	
Stage Minimum, Percent:	
Stage Maximum, Percent:	
Diameter, Unit:	
Height, Unit:	
Height Minimum, Maximum:	
Density, Unit:	0
Coverage, Unit:	

Application	Equipment

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

Equipment Comment:

Trt No	Treatment	Application	Comment
Date	By	Notes	3
Date	Ву	Devia	ations

Reasons: