

# University of Georgia

**Comparing the UGA 3-WAY to Pic Chlor 60 followed by Vapam for weed control and yield in a second crop cucumber and squash crop.**

Trial ID: Veg20-07(fall)

Study Dir.: Davis, Culpepper

Location: Ponder Farm

Investigator: Stanley Culpepper

Reps: 4

Plots: 6 by 50 feet

Spray vol: 14.8 gal/ac

Mix size: 1 liters (min 1.5434)

Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate Unit	Grow Stg	Appl Code	Amt to Measure	Plot No. By Rep			
									1	2	3	4
1	No Fumigant LDPE 1.25 mil								101	209	301	409
2	3 WAY 12 fb 150 fb 75 LDPE 1.25 mil								102	206	302	406
3	3 WAY 12 fb 150 fb 75 VIF 1.25 mil Blocade								103	201	303	401
4	Pic Chlor 60 @ 21 G Vapam 75 G LDPE 1.25 mil								104	207	304	407
5	Pic Chlor 60 @ 21 G Vapam 75 G VIF 1.25 mil Blocade								105	202	305	402
6	3 WAY 9 fb 113 fb 56 LDPE 1.25 mil								106	208	306	408
7	3 WAY 9 fb 113 fb 56 VIF 1.25 mil Blocade								107	203	307	403
8	Pic Chlor 60 @ 15.8 G Vapam 56 G LDPE 1.25 mil								108	204	308	404
9	Pic Chlor 60 @ 15.8 G Vapam 56 G VIF 1.25 mil Blocade								109	205	309	405

Sort Order: Treatment

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

Amount*	Unit	Treatment Name	Form Conc	Form Type	Lot Code
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\* 'Per area' calculations based on spray volume= 14.8 gal/ac, mix size= 1 liters (mix size basis).

\* Product amount calculations increased 25 % for overage adjustment.

### Trial Comments

**OBJECTIVE:** Determine nutsedge response to the traditional 3-WAY and PicChlor60 placed 8 inches deep followed by Vapam. These results are from a second crop in the fall following spring fumigation and a spring tomato and eggplant crop.

**Nutsedge Control:**

- Generally, greater nutsedge infestations were noted in plots receiving reduced fumigant rates in the spring.
- Sandea was applied over cucumber (half of them-split plot) on Sept 7 providing good to excellent nutsedge control.

**Crop Growth:**

- Crop growth was not impacted by treatments.

**Squash and Cucumber Yields:**

- Severe white fly infestations were noted making yields extremely variable.
- Squash yields after harvesting 13 times generally noted greater yields with the full fumigant rates when applied under VIF mulch.
- Little differences were noted in cucumber, except the cucumber being treated with cucumber generally produced greater yields compared to cucumber not treated.

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GENERAL COMMENTS:

1. 3 WAY = Telone II at 12 gal/A, chloropicrin (150 lb/A), Vapam (75 gal/A).
2. Fumigant were applied, beds were formed and mulch was laid within minutes of one another. Telone II 10-12 inches deep with a Yetter applicator. Pic Chlor 60 and PIC were applied with a super bedder plastic layer injected 8 inches deep with 3 knives on a 32 inch bedtop. Vapam was injected 4 inches in the final bed. Mulch was laid.

A SPRING CROP WAS GROWN AS A FIRST CROP ON THESE TREATMENTS. DATA IS IN VEG20-07(SPRING).

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**Comparing the UGA 3-WAY to Pic Chlor 60 followed by Vapam for weed control and yield in a second crop cucumber and squash crop.**

Trial ID: Veg20-07(fall)

Study Dir.: Davis, Culpepper

Location: Ponder Farm

Investigator: Stanley Culpepper

Weed Code	CUMSA	CUUPE	CYPRO	CYPRO	CYPRO	plant 1 CUUPE	plant 2 CUUPE	
Crop Code								
Part Rated								
Rating Data Type	injury	injury	control	#	#	ht	ht	
Rating Unit	%	%	%	per plot	per plot	cm	cm	
Rating Date	Sep-01-07	Sep-01-07	Sep-01-07	Sep-07-07	Sep-17-07	Sep-07-07	Sep-07-07	
Crop Stage								
Assessed By	SC	SC	SC					
ARM Action Codes								
Trt Treatment	Rate							
No. Name	Rate Unit	1	2	4	5	6	8	9
1 No Fumigant LDPE 1.25 mil		0 a	0 a	0 d	596 a	243 a	26 a	21 a
2 3 WAY 12 fb 150 fb 75 LDPE 1.25 mil		0 a	0 a	88 ab	39 b	10 b	25 a	19 a
3 3 WAY 12 fb 150 fb 75 VIF 1.25 mil Blocade		0 a	0 a	91 ab	21 b	5 b	30 a	25 a
4 Pic Chlor 60 @ 21 G Vapam 75 G LDPE 1.25 mil		0 a	0 a	92 a	26 b	6 b	22 a	22 a
5 Pic Chlor 60 @ 21 G Vapam 75 G VIF 1.25 mil Blocade		0 a	0 a	91 ab	22 b	3 b	23 a	23 a
6 3 WAY 9 fb 113 fb 56 LDPE 1.25 mil		0 a	0 a	76 bc	56 b	23 b	21 a	18 a
7 3 WAY 9 fb 113 fb56 VIF 1.25 mil Blocade		0 a	0 a	76 bc	121 b	46 b	21 a	24 a
8 Pic Chlor 60 @ 15.8 G Vapam 56 G LDPE 1.25 mil		0 a	0 a	71 c	145 b	45 b	21 a	22 a
9 Pic Chlor 60 @ 15.8 G Vapam 56 G VIF 1.25 mil Blocade		0 a	0 a	78 abc	68 b	28 b	25 a	27 a
LSD (P=.05)		0.0	0.0	13.7	118.7	52.8	8.8	13.5
Standard Deviation		0.0	0.0	9.4	81.3	36.2	6.0	9.3
CV		0.0	0.0	12.77	67.06	79.86	25.7	41.89
Bartlett's X2		0.0	0.0	30.389	40.502	37.255	7.093	9.615
P(Bartlett's X2)		.	.	0.001*	0.001*	0.001*	0.527	0.293

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

# University of Georgia

Weed Code	plant 3 CUUPE	plant 4 CUUPE	plant 5 CUUPE	AVG5PLAN CUUPE	plant 1 CUMSA	plant 2 CUMSA	plant 3 CUMSA
Crop Code							
Part Rated							
Rating Data Type	ht	ht	ht	ht	ht	ht	ht
Rating Unit	cm	cm	cm	cm	cm	cm	cm
Rating Date	Sep-07-07	Sep-07-07	Sep-07-07	Sep-07-07	Sep-17-08	Sep-17-08	Sep-17-08
Crop Stage					nonspray	nonspray	nonspray
Assessed By							
ARM Action Codes				T1			
Trt No.	Treatment Name	Rate	Rate	Rate	Rate	Rate	Rate
		Unit	Unit	Unit	Unit	Unit	Unit
		10	11	12	13	15	17
1	No Fumigant LDPE 1.25 mil	23 a	21 a	24 a	23 a	72 a	69 a
2	3 WAY 12 fb 150 fb 75 LDPE 1.25 mil	19 a	21 a	6 a	18 a	98 a	96 a
3	3 WAY 12 fb 150 fb 75 VIF 1.25 mil Blocade	15 a	25 a	24 a	24 a	72 a	48 a
4	Pic Chlor 60 @ 21 G Vapam 75 G LDPE 1.25 mil	23 a	22 a	18 a	21 a	50 a	45 a
5	Pic Chlor 60 @ 21 G Vapam 75 G VIF 1.25 mil Blocade	24 a	20 a	21 a	22 a	89 a	68 a
6	3 WAY 9 fb 113 fb 56 LDPE 1.25 mil	16 a	11 a	15 a	16 a	72 a	71 a
7	3 WAY 9 fb 113 fb 56 VIF 1.25 mil Blocade	21 a	23 a	23 a	22 a	100 a	101 a
8	Pic Chlor 60 @ 15.8 G Vapam 56 G LDPE 1.25 mil	17 a	21 a	5 a	17 a	89 a	77 a
9	Pic Chlor 60 @ 15.8 G Vapam 56 G VIF 1.25 mil Blocade	21 a	10 a	14 a	19 a	63 a	92 a
LSD (P=.05)		12.3	16.1	16.8	8.8	46.5	58.8
Standard Deviation		8.4	11.0	11.5	6.0	31.9	40.3
CV		42.34	57.15	69.21	29.56	40.79	54.39
Bartlett's X2		8.667	34.17	8.8	26.507	11.399	4.556
P(Bartlett's X2)		0.371	0.001*	0.359	0.001*	0.18	0.804

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

Column 11: T1 = @AVG([C8],[C12])

## University of Georgia

Weed Code	plant 4 CUMSA	plant 5 CUMSA	plant 6 CUMSA	plant 7 CUMSA	plant 8 CUMSA	plant 9 CUMSA	plant 10 CUMSA			
Crop Code										
Part Rated										
Rating Data Type	ht	ht	ht	ht	ht	ht	ht			
Rating Unit	cm	cm	cm	cm	cm	cm	cm			
Rating Date	Sep-17-08	Sep-17-08	Sep-17-08	Sep-17-08	Sep-17-08	Sep-17-08	Sep-17-08			
Crop Stage	nonspray	nonspray	nonspray	nonspray	nonspray	nonspray	nonspray			
Assessed By										
ARM Action Codes										
Trt No.	Treatment Name	Rate	Unit	18	19	20	21	22	23	24
1	No Fumigant LDPE 1.25 mil			56 a	62 a	59 cd	54 a	57 a	39 bc	27 a
2	3 WAY 12 fb 150 fb 75 LDPE 1.25 mil			58 a	66 a	83 a-d	74 a	62 a	72 ab	52 a
3	3 WAY 12 fb 150 fb 75 VIF 1.25 mil Blocade			53 a	57 a	43 d	63 a	73 a	70 ab	23 a
4	Pic Chlor 60 @ 21 G Vapam 75 G LDPE 1.25 mil			80 a	75 a	63 bcd	66 a	62 a	36 bc	52 a
5	Pic Chlor 60 @ 21 G Vapam 75 G VIF 1.25 mil Blocade			70 a	84 a	91 abc	85 a	89 a	24 c	50 a
6	3 WAY 9 fb 113 fb 56 LDPE 1.25 mil			93 a	65 a	65 a-d	96 a	96 a	86 a	85 a
7	3 WAY 9 fb 113 fb 56 VIF 1.25 mil Blocade			74 a	75 a	92 abc	50 a	69 a	99 a	62 a
8	Pic Chlor 60 @ 15.8 G Vapam 56 G LDPE 1.25 mil			86 a	91 a	108 a	76 a	78 a	71 ab	53 a
9	Pic Chlor 60 @ 15.8 G Vapam 56 G VIF 1.25 mil Blocade			95 a	103 a	105 ab	91 a	73 a	36 bc	38 a
LSD (P=.05)				53.3	42.0	39.5	42.6	52.0	39.5	78.0
Standard Deviation				36.5	28.8	27.1	29.2	35.6	27.1	53.4
CV				49.52	38.12	34.37	40.17	48.71	45.65	109.11
Bartlett's X2				4.442	4.501	8.176	15.033	4.046	5.386	3.057
P(Bartlett's X2)				0.815	0.809	0.416	0.059	0.853	0.716	0.931

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

## University of Georgia

Weed Code	AVG10PLA	plant 1	plant 2	plant 3	plant 4	plant 5	plant 6	
Crop Code	CUMSA	CUMSA	CUMSA	CUMSA	CUMSA	CUMSA	CUMSA	
Part Rated								
Rating Data Type	ht	ht	ht	ht	ht	ht	ht	
Rating Unit	cm	cm	cm	cm	cm	cm	cm	
Rating Date	Sep-17-08	Sep-17-08	Sep-17-08	Sep-17-08	Sep-17-08	Sep-17-08	Sep-17-08	
Crop Stage	nonspray	sprayed	sprayed	sprayed	sprayed	sprayed	sprayed	
Assessed By								
ARM Action Codes	T2							
Trt Treatment	Rate							
No. Name	Rate Unit	25	27	28	29	30	31	32
1 No Fumigant LDPE 1.25 mil		55 a	45 a	50 b	39 a	48 a	34 b	40 b
2 3 WAY 12 fb 150 fb 75 LDPE 1.25 mil		73 a	68 a	59 ab	61 a	62 a	54 ab	72 ab
3 3 WAY 12 fb 150 fb 75 VIF 1.25 mil Blocade		58 a	51 a	47 b	62 a	47 a	54 ab	69 ab
4 Pic Chlor 60 @ 21 G Vapam 75 G LDPE 1.25 mil		60 a	55 a	47 b	46 a	59 a	53 ab	55 ab
5 Pic Chlor 60 @ 21 G Vapam 75 G VIF 1.25 mil Blocade		72 a	71 a	73 ab	68 a	71 a	60 ab	63 ab
6 3 WAY 9 fb 113 fb 56 LDPE 1.25 mil		81 a	71 a	46 b	61 a	63 a	64 a	61 ab
7 3 WAY 9 fb 113 fb 56 VIF 1.25 mil Blocade		82 a	63 a	83 ab	74 a	68 a	41 ab	60 ab
8 Pic Chlor 60 @ 15.8 G Vapam 56 G LDPE 1.25 mil		81 a	69 a	59 ab	74 a	78 a	57 ab	55 ab
9 Pic Chlor 60 @ 15.8 G Vapam 56 G VIF 1.25 mil Blocade		81 a	76 a	90 a	77 a	78 a	68 a	88 a
LSD (P=.05)		27.7	31.9	33.3	37.5	33.6	25.5	32.2
Standard Deviation		19.0	21.8	22.8	25.7	23.0	17.5	22.1
CV		26.56	34.57	37.08	41.3	36.11	32.52	35.28
Bartlett's X2		10.563	3.562	12.171	4.14	8.204	3.992	4.812
P(Bartlett's X2)		0.228	0.894	0.144	0.844	0.414	0.858	0.777

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

Column 22: T2 = @AVG([C15],[C24])

## University of Georgia

Weed Code	plant 7 CUMSA	plant 8 CUMSA	plant 9 CUMSA	plant 10 CUMSA	AVG10PLA CUMSA	harv 1 CUUPE fruit #	harv 1 CUUPE fruit wt/lb	
Crop Code								
Part Rated								
Rating Data Type	ht	ht	ht	ht	ht			
Rating Unit	cm	cm	cm	cm	cm	per plot	per plot	
Rating Date	Sep-17-08	Sep-17-08	Sep-17-08	Sep-17-08	Sep-17-08	Sep-11-07	Sep-11-07	
Crop Stage	sprayed	sprayed	sprayed	sprayed	sprayed			
Assessed By								
ARM Action Codes					T3			
Trt No.	Treatment Name	Rate	Rate	Rate	Rate	Rate	Rate	
		Unit	Unit	Unit	Unit	Unit	Unit	
33			34	35	36	37	39	40
1	No Fumigant LDPE 1.25 mil	48 a	52 ab	50 a	38 a	44 c	0 a	0 a
2	3 WAY 12 fb 150 fb 75 LDPE 1.25 mil	69 a	70 a	56 a	25 a	59 abc	0 a	0 a
3	3 WAY 12 fb 150 fb 75 VIF 1.25 mil Blocade	62 a	55 ab	62 a	20 a	53 bc	0 a	0 a
4	Pic Chlor 60 @ 21 G Vapam 75 G LDPE 1.25 mil	52 a	28 b	48 a	71 a	51 bc	0 a	0 a
5	Pic Chlor 60 @ 21 G Vapam 75 G VIF 1.25 mil Blocade	68 a	62 ab	85 a	204 a	82 a	0 a	0 a
6	3 WAY 9 fb 113 fb 56 LDPE 1.25 mil	57 a	43 ab	56 a	64 a	59 abc	0 a	0 a
7	3 WAY 9 fb 113 fb 56 VIF 1.25 mil Blocade	57 a	65 ab	63 a	55 a	63 abc	0 a	0 a
8	Pic Chlor 60 @ 15.8 G Vapam 56 G LDPE 1.25 mil	74 a	62 ab	80 a	39 a	65 abc	0 a	0 a
9	Pic Chlor 60 @ 15.8 G Vapam 56 G VIF 1.25 mil Blocade	79 a	79 a	78 a	52 a	76 ab	0 a	0 a
LSD (P=.05)		31.9	35.0	40.3	163.6	24.9	0.2	0.1
Standard Deviation		21.9	24.0	27.6	112.1	17.0	0.2	0.1
CV		34.84	41.92	43.03	177.7	27.76	600.0	600.0
Bartlett's X2		4.277	6.701	8.071	52.423	7.143	0.0	0.0
P(Bartlett's X2)		0.831	0.569	0.427	0.001*	0.521	.	.

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

Column 33: T3 = @AVG([C27],[C36])

# University of Georgia

Weed Code	harv 2	harv 2	harv 3	harv 3	harv 4	harv 4	harv 5	
Crop Code	CUUPE	CUUPE	CUUPE	CUUPE	CUUPE	CUUPE	CUUPE	
Part Rated	fruit	fruit	fruit	fruit	fruit	fruit	fruit	
Rating Data Type	#	wt/lb	#	wt/lb	#	wt/lb	#	
Rating Unit	per plot	per plot	per plot	per plot	per plot	per plot	per plot	
Rating Date	Sep-14-07	Sep-14-07	Sep-17-07	Sep-17-07	Sep-19-07	Sep-19-07	Sep-21-07	
Crop Stage								
Assessed By								
ARM Action Codes								
Trt No.	Treatment Name	Rate	Rate	Rate	Rate	Rate	Rate	
		Unit	Unit	Unit	Unit	Unit	Unit	
1	No Fumigant LDPE 1.25 mil	0 c	0 c	0 e	0 d	1 b	0 b	1 d
2	3 WAY 12 fb 150 fb 75 LDPE 1.25 mil	1 bc	0 bc	3 d	1 c	2 ab	0 ab	6 bc
3	3 WAY 12 fb 150 fb 75 VIF 1.25 mil Blocade	3 abc	0 abc	8 a	2 a	3 ab	1 ab	9 a
4	Pic Chlor 60 @ 21 G Vapam 75 G LDPE 1.25 mil	2 abc	0 bc	5 bc	1 bc	2 ab	0 ab	7 abc
5	Pic Chlor 60 @ 21 G Vapam 75 G VIF 1.25 mil Blocade	5 a	1 a	7 ab	1 ab	3 ab	1 ab	9 ab
6	3 WAY 9 fb 113 fb 56 LDPE 1.25 mil	1 bc	0 bc	3 d	1 c	1 b	0 b	5 c
7	3 WAY 9 fb 113 fb 56 VIF 1.25 mil Blocade	3 abc	0 abc	4 cd	1 bc	2 ab	0 ab	8 abc
8	Pic Chlor 60 @ 15.8 G Vapam 56 G LDPE 1.25 mil	2 abc	0 bc	3 cd	1 c	2 ab	1 ab	6 bc
9	Pic Chlor 60 @ 15.8 G Vapam 56 G VIF 1.25 mil Blocade	3 ab	1 ab	4 cd	1 bc	3 a	1 a	6 bc
LSD (P=.05)		2.7	0.4	1.9	0.5	1.5	0.4	3.1
Standard Deviation		1.8	0.3	1.3	0.3	1.0	0.2	2.1
CV		88.33	93.75	33.23	36.65	49.6	57.31	34.55
Bartlett's X2		18.111	16.665	6.542	13.1	4.613	7.743	5.903
P(Bartlett's X2)		0.011*	0.02*	0.478	0.07	0.707	0.459	0.658

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



## University of Georgia

Weed Code	harv 5	harv 6	harv 6	harv 7	harv 7	harv 8	harv 8	
Crop Code	CUUPE	CUUPE	CUUPE	CUUPE	CUUPE	CUUPE	CUUPE	
Part Rated	fruit	fruit	fruit	fruit	fruit	fruit	fruit	
Rating Data Type	wt/lb	#	wt/lb	#	wt/lb	#	wt/lb	
Rating Unit	per plot	per plot	per plot	per plot	per plot	per plot	per plot	
Rating Date	Sep-21-07	Sep-24-07	Sep-24-07	Sep-26-07	Sep-26-07	Sep-28-07	Sep-28-07	
Crop Stage								
Assessed By								
ARM Action Codes								
Trt No.	Treatment Name	Rate	Rate	Rate	Rate	Rate	Rate	
		Unit	Unit	Unit	Unit	Unit	Unit	
48								
49								
50								
51								
52								
53								
54								
1	No Fumigant LDPE 1.25 mil	0 c	3 c	1 d	2 b	0 b	2 c	0 b
2	3 WAY 12 fb 150 fb 75 LDPE 1.25 mil	1 ab	9 ab	3 bc	7 a	2 a	6 ab	1 a
3	3 WAY 12 fb 150 fb 75 VIF 1.25 mil Blocade	2 a	10 ab	3 abc	11 a	2 a	8 a	1 a
4	Pic Chlor 60 @ 21 G Vapam 75 G LDPE 1.25 mil	1 ab	12 a	4 a	7 a	2 a	3 bc	1 ab
5	Pic Chlor 60 @ 21 G Vapam 75 G VIF 1.25 mil Blocade	2 ab	13 a	4 ab	10 a	2 a	6 ab	1 ab
6	3 WAY 9 fb 113 fb 56 LDPE 1.25 mil	1 b	7 bc	2 c	9 a	2 a	4 abc	0 ab
7	3 WAY 9 fb 113 fb 56 VIF 1.25 mil Blocade	2 a	11 ab	4 ab	7 a	1 a	4 abc	1 ab
8	Pic Chlor 60 @ 15.8 G Vapam 56 G LDPE 1.25 mil	1 ab	9 ab	3 abc	11 a	2 a	6 ab	1 ab
9	Pic Chlor 60 @ 15.8 G Vapam 56 G VIF 1.25 mil Blocade	2 ab	7 bc	2 c	8 a	2 a	6 ab	1 a
LSD (P=.05)		0.8	4.6	1.1	4.1	0.9	3.6	0.8
Standard Deviation		0.5	3.1	0.8	2.8	0.6	2.5	0.5
CV		39.61	35.68	27.5	35.72	38.9	49.58	65.66
Bartlett's X2		9.968	17.521	4.888	3.359	28.647	10.597	10.235
P(Bartlett's X2)		0.267	0.025*	0.769	0.91	0.001*	0.226	0.249

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

## University of Georgia

Weed Code	harv 9 CUUPE	harv 9 CUUPE	harv 10 CUUPE	harv 10 CUUPE	harv 11 CUUPE	harv 11 CUUPE	harv 12 CUUPE	harv 12 CUUPE	
Crop Code	fruit	fruit	fruit	fruit	fruit	fruit	fruit	fruit	
Part Rated	#	wt/lb	#	wt/lb	#	wt/lb	#	wt/lb	
Rating Data Type	per plot	per plot	per plot	per plot	per plot	per plot	per plot	per plot	
Rating Unit	Oct-02-07	Oct-02-07	Oct-03-07	Oct-03-07	Oct-05-07	Oct-05-07	Oct-08-07	Oct-08-07	
Rating Date									
Crop Stage									
Assessed By									
ARM Action Codes									
Trt Treatment	Rate								
No. Name	Rate Unit	55	56	57	58	59	60	61	62
1 No Fumigant LDPE 1.25 mil		4 b	1 b	2 c	0 c	3 d	0 b	4 c	1 c
2 3 WAY 12 fb 150 fb 75 LDPE 1.25 mil		9 a	1 ab	9 ab	1 abc	6 bcd	1 ab	8 bc	2 ab
3 3 WAY 12 fb 150 fb 75 VIF 1.25 mil Blocade		10 a	1 a	13 a	2 a	8 ab	1 a	12 ab	3 ab
4 Pic Chlor 60 @ 21 G Vapam 75 G LDPE 1.25 mil		9 ab	1 a	9 ab	1 ab	6 abc	1 ab	9 abc	2 bc
5 Pic Chlor 60 @ 21 G Vapam 75 G VIF 1.25 mil Blocade		10 a	1 a	10 ab	1 ab	7 abc	1 a	14 a	3 a
6 3 WAY 9 fb 113 fb 56 LDPE 1.25 mil		5 ab	1 ab	8 ab	1 bc	7 abc	1 a	9 abc	2 ab
7 3 WAY 9 fb 113 fb 56 VIF 1.25 mil Blocade		9 a	1 ab	11 ab	2 ab	10 a	1 a	9 abc	2 ab
8 Pic Chlor 60 @ 15.8 G Vapam 56 G LDPE 1.25 mil		9 ab	1 ab	10 ab	1 abc	5 bcd	1 ab	10 ab	2 ab
9 Pic Chlor 60 @ 15.8 G Vapam 56 G VIF 1.25 mil Blocade		8 ab	1 ab	8 b	1 abc	4 cd	1 ab	7 bc	1 bc
LSD (P=.05)		4.7	0.8	5.0	0.9	3.3	0.6	5.0	1.2
Standard Deviation		3.2	0.5	3.4	0.6	2.2	0.4	3.4	0.8
CV		40.61	47.28	38.32	48.52	36.45	46.21	38.55	39.1
Bartlett's X2		9.043	5.912	6.553	10.918	10.952	18.517	13.757	12.629
P(Bartlett's X2)		0.339	0.657	0.586	0.206	0.204	0.018*	0.088	0.125

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

# University of Georgia

Weed Code	harv 13 CUUPE	harv 13 CUUPE	harv 1-4 CUUPE	harv 1-4 CUUPE	harv 1-8 CUUPE	harv 1-8 CUUPE	harv1-13 CUUPE	harv1-13 CUUPE	harv 1 CUMSA	
Crop Code	fruit	fruit	fruit	fruit	fruit	fruit	fruit	fruit	fruit	
Part Rated	#	wt/lb	#	wt/lb	#	wt/lb	#	wt/lb	#	
Rating Data Type	per plot	per plot	per plot	per plot	per plot	per plot	per plot	per plot	per plot	
Rating Unit	Oct-10-07	Oct-10-07							Sep-18-07	
Rating Date									nonspray	
Crop Stage										
Assessed By										
ARM Action Codes			T4	T5	T6	T7	T8	T9		
Trt Treatment	Rate									
No. Name	Rate Unit	63	64	65	66	67	68	69	70	71
1 No Fumigant LDPE 1.25 mil		5 b	1 a	1 d	0 c	8 c	2 c	26 d	4 c	0 b
2 3 WAY 12 fb 150 fb 75 LDPE 1.25 mil		13 a	1 a	6 bcd	1 bc	33 b	8 ab	83 c	15 b	2 a
3 3 WAY 12 fb 150 fb 75 VIF 1.25 mil Blocade		14 a	2 a	13 a	3 a	50 a	11 a	120 a	23 a	0 b
4 Pic Chlor 60 @ 21 G Vapam 75 G LDPE 1.25 mil		12 a	1 a	9 abc	2 ab	38 ab	9 ab	91 bc	18 ab	1 ab
5 Pic Chlor 60 @ 21 G Vapam 75 G VIF 1.25 mil Blocade		13 a	1 a	14 a	3 a	51 a	11 a	118 ab	22 a	1 ab
6 3 WAY 9 fb 113 fb 56 LDPE 1.25 mil		9 ab	1 a	5 cd	1 bc	29 b	6 b	72 c	13 b	2 a
7 3 WAY 9 fb 113 fb56 VIF 1.25 mil Blocade		10 ab	1 a	9 abc	2 ab	39 ab	9 ab	97 abc	19 ab	1 ab
8 Pic Chlor 60 @ 15.8 G Vapam 56 G LDPE 1.25 mil		13 a	1 a	7 bc	1 ab	38 ab	9 ab	91 bc	17 ab	2 ab
9 Pic Chlor 60 @ 15.8 G Vapam 56 G VIF 1.25 mil Blocade		9 ab	1 a	11 ab	2 a	37 ab	9 ab	82 c	16 ab	1 ab
LSD (P=.05)		4.8	0.9	4.7	1.0	13.4	3.3	25.9	5.7	1.6
Standard Deviation		3.3	0.6	3.2	0.7	9.2	2.3	17.7	3.9	1.1
CV		31.15	51.12	39.8	43.17	25.66	27.64	20.53	23.72	107.15
Bartlett's X2		4.74	12.82	19.767	22.047	10.139	15.163	7.808	10.954	5.889
P(Bartlett's X2)		0.785	0.118	0.011*	0.005*	0.255	0.056	0.452	0.204	0.436

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

Column 60: T4 = ([C39]+[C41]+[C43]+[C45])

Column 61: T5 = ([C40]+[C42]+[C44]+[C46])

Column 62: T6 = ([C65]+[C47]+[C49]+[C51]+[C53])

Column 63: T7 = ([C66]+[C48]+[C50]+[C52]+[C54])

Column 64: T8 = ([C65]+[C67]+[C55]+[C57]+[C59]+[C61]+[C63])

Column 65: T9 = ([C66]+[C68]+[C56]+[C58]+[C60]+[C62]+[C64])

## University of Georgia

Weed Code	harv 1 CUMSA	harv 2 CUMSA	harv 2 CUMSA	harv 3 CUMSA	harv 3 CUMSA	harv 4 CUMSA	harv 4 CUMSA	
Crop Code	fruit	fruit	fruit	fruit	fruit	fruit	fruit	
Part Rated	wt/lb	#	wt/lb	#	wt/lb	#	wt/lb	
Rating Data Type	per plot	per plot	per plot	per plot	per plot	per plot	per plot	
Rating Unit	Sep-18-07	Sep-21-07	Sep-21-07	Sep-24-07	Sep-24-07	Sep-26-07	Sep-26-07	
Rating Date	nonspray	nonspray	nonspray	nonspray	nonspray	nonspray	nonspray	
Crop Stage								
Assessed By								
ARM Action Codes								
Trt No.	Treatment Name	Rate	Rate	Rate	Rate	Rate	Rate	
		Unit	Unit	Unit	Unit	Unit	Unit	
		72	73	74	75	76	77	
1	No Fumigant LDPE 1.25 mil	0 b	0 a	0 a	1 b	0 b	1 b	0 b
2	3 WAY 12 fb 150 fb 75 LDPE 1.25 mil	1 a	2 a	1 a	3 ab	1 ab	4 ab	2 a
3	3 WAY 12 fb 150 fb 75 VIF 1.25 mil Blocade	0 b	4 a	1 a	3 ab	1 ab	5 a	2 a
4	Pic Chlor 60 @ 21 G Vapam 75 G LDPE 1.25 mil	0 ab	1 a	0 a	3 ab	1 ab	4 ab	1 ab
5	Pic Chlor 60 @ 21 G Vapam 75 G VIF 1.25 mil Blocade	0 ab	2 a	1 a	4 ab	1 ab	3 ab	1 ab
6	3 WAY 9 fb 113 fb 56 LDPE 1.25 mil	1 a	2 a	1 a	5 a	2 a	3 ab	1 ab
7	3 WAY 9 fb 113 fb 56 VIF 1.25 mil Blocade	0 ab	2 a	1 a	3 ab	1 ab	2 ab	1 ab
8	Pic Chlor 60 @ 15.8 G Vapam 56 G LDPE 1.25 mil	1 ab	2 a	1 a	6 a	3 a	4 ab	1 ab
9	Pic Chlor 60 @ 15.8 G Vapam 56 G VIF 1.25 mil Blocade	0 ab	2 a	1 a	5 a	2 a	3 ab	1 ab
LSD (P=.05)		0.7	3.5	1.0	3.0	1.4	2.9	1.2
Standard Deviation		0.5	2.4	0.7	2.1	0.9	2.0	0.8
CV		117.67	138.7	107.46	59.95	63.57	65.35	66.54
Bartlett's X2		7.614	22.376	9.96	9.26	11.783	11.537	10.965
P(Bartlett's X2)		0.268	0.004*	0.268	0.321	0.161	0.173	0.204

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

## University of Georgia

Weed Code	harv 5 CUMSA	harv 5 CUMSA	harv 6 CUMSA	harv 7 CUMSA	harv 7 CUMSA	harv 8 CUMSA	harv 8 CUMSA	harv 8 CUMSA	
Crop Code	fruit	fruit	fruit	fruit	fruit	fruit	fruit	fruit	
Part Rated	#	wt/lb	#	#	wt/lb	#	#	wt/lb	
Rating Data Type	per plot	per plot	per plot	per plot	per plot	per plot	per plot	per plot	
Rating Unit	Sep-28-07	Sep-28-07	Oct-02-07	Oct-02-07	Oct-03-07	Oct-03-07	Oct-05-07	Oct-05-07	
Rating Date	nonspray	nonspray	nonspray	nonspray	nonspray	nonspray	nonspray	nonspray	
Crop Stage									
Assessed By									
ARM Action Codes									
Trt No.	Treatment Name	Rate	Rate	Rate	Rate	Rate	Rate	Rate	
		Unit	Unit	Unit	Unit	Unit	Unit	Unit	
		79	80	81	82	83	84	85	86
1	No Fumigant LDPE 1.25 mil	3 ab	1 ab	1 c	0 c	1 b	0 b	0 c	0 c
2	3 WAY 12 fb 150 fb 75 LDPE 1.25 mil	3 a	2 a	5 abc	2 abc	6 a	2 a	5 ab	2 ab
3	3 WAY 12 fb 150 fb 75 VIF 1.25 mil Blocade	2 ab	1 ab	3 abc	1 abc	5 ab	2 ab	4 ab	1 abc
4	Pic Chlor 60 @ 21 G Vapam 75 G LDPE 1.25 mil	2 ab	1 b	4 abc	1 abc	5 ab	2 ab	4 ab	1 abc
5	Pic Chlor 60 @ 21 G Vapam 75 G VIF 1.25 mil Blocade	3 ab	1 ab	6 a	3 a	7 a	2 a	7 a	3 a
6	3 WAY 9 fb 113 fb 56 LDPE 1.25 mil	3 ab	1 ab	6 ab	2 ab	6 a	2 a	6 a	2 ab
7	3 WAY 9 fb 113 fb 56 VIF 1.25 mil Blocade	3 ab	1 ab	4 abc	2 abc	6 a	2 a	2 bc	1 bc
8	Pic Chlor 60 @ 15.8 G Vapam 56 G LDPE 1.25 mil	1 b	0 b	4 abc	1 abc	6 a	2 a	4 ab	2 ab
9	Pic Chlor 60 @ 15.8 G Vapam 56 G VIF 1.25 mil Blocade	1 b	0 b	2 bc	1 bc	8 a	2 a	7 a	2 ab
LSD (P=.05)		1.9	0.8	3.4	1.6	4.2	1.5	3.0	1.4
Standard Deviation		1.3	0.6	2.4	1.1	2.9	1.0	2.0	1.0
CV		61.06	63.91	61.13	71.96	51.73	52.38	49.15	60.75
Bartlett's X2		13.177	9.467	11.875	12.427	9.156	6.771	12.063	12.226
P(Bartlett's X2)		0.106	0.304	0.157	0.133	0.329	0.562	0.099	0.093

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

## University of Georgia

Weed Code	harv 9 CUMSA	harv 9 CUMSA	harv 10 CUMSA	harv 10 CUMSA	harv 1-3 CUMSA	harv 1-3 CUMSA	harv 1-6 CUMSA	harv 1-6 CUMSA	
Crop Code	fruit	fruit	fruit	fruit	fruit	fruit	fruit	fruit	
Part Rated	#	wt/lb	#	wt/lb	#	wt/lb	#	wt/lb	
Rating Data Type	per plot	per plot	per plot	per plot	per plot	per plot	per plot	per plot	
Rating Unit	Oct-08-07	Oct-08-07	Oct-10-07	Oct-10-07	nonspray	nonspray	nonspray	nonspray	
Rating Date	nonspray	nonspray	nonspray	nonspray	nonspray	nonspray	nonspray	nonspray	
Crop Stage									
Assessed By									
ARM Action Codes					T10	T11	T12	T13	
Trt No.	Treatment Name	Rate	Rate	Rate	Rate	Rate	Rate	Rate	
		Unit	Unit	Unit	Unit	Unit	Unit	Unit	
87	88	89	90	91	92	93	94		
1	No Fumigant LDPE 1.25 mil	3 b	1 d	3 c	1 c	2 b	1 b	6 b	2 b
2	3 WAY 12 fb 150 fb 75 LDPE 1.25 mil	9 a	4 ab	7 abc	3 ab	6 ab	3 ab	18 a	8 a
3	3 WAY 12 fb 150 fb 75 VIF 1.25 mil Blocade	7 ab	3 a-d	5 abc	2 bc	7 ab	2 ab	17 a	6 ab
4	Pic Chlor 60 @ 21 G Vapam 75 G LDPE 1.25 mil	8 a	3 abc	4 bc	1 bc	5 ab	2 ab	14 a	5 ab
5	Pic Chlor 60 @ 21 G Vapam 75 G VIF 1.25 mil Blocade	5 ab	2 bcd	8 a	4 a	7 ab	3 ab	18 a	7 a
6	3 WAY 9 fb 113 fb 56 LDPE 1.25 mil	7 ab	3 a-d	6 abc	2 abc	8 a	4 a	20 a	8 a
7	3 WAY 9 fb 113 fb 56 VIF 1.25 mil Blocade	5 ab	2 cd	8 ab	3 ab	5 ab	2 ab	14 a	6 a
8	Pic Chlor 60 @ 15.8 G Vapam 56 G LDPE 1.25 mil	8 a	4 a	4 c	1 bc	9 a	4 a	17 a	7 a
9	Pic Chlor 60 @ 15.8 G Vapam 56 G VIF 1.25 mil Blocade	7 ab	3 abc	6 abc	3 ab	8 a	3 a	15 a	6 a
LSD (P=.05)		3.5	1.4	3.5	1.4	4.9	2.1	7.5	3.5
Standard Deviation		2.4	1.0	2.4	1.0	3.4	1.4	5.1	2.4
CV		37.48	36.76	44.27	46.23	54.1	55.08	33.48	38.93
Bartlett's X2		8.033	4.418	5.599	7.765	13.64	12.997	6.367	8.762
P(Bartlett's X2)		0.43	0.818	0.692	0.457	0.092	0.112	0.606	0.363

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

Column 86: T10 = ([C71]+[C73]+[C75])

Column 87: T11 = ([C72]+[C74]+[C76])

Column 88: T12 = ([C91]+[C77]+[C79]+[C81])

Column 89: T13 = ([C92]+[C78]+[C80]+[C82])

# University of Georgia

Weed Code	harv1-10	harv1-10	harv 1	harv 1	harv 2	harv 2	harv 3	harv 3	
Crop Code	CUMSA	CUMSA	CUMSA	CUMSA	CUMSA	CUMSA	CUMSA	CUMSA	
Part Rated	fruit	fruit	fruit	fruit	fruit	fruit	fruit	fruit	
Rating Data Type	#	wt/lb	#	wt/lb	#	wt/lb	#	wt/lb	
Rating Unit	per plot	per plot	per plot	per plot	per plot	per plot	per plot	per plot	
Rating Date			Sep-18-07	Sep-18-07	Sep-21-07	Sep-21-07	Sep-24-07	Sep-24-07	
Crop Stage	nonspray	nonspray	spray	spray	spray	spray	spray	spray	
Assessed By									
ARM Action Codes	T14	T15							
Trt Treatment	Rate								
No. Name	Rate Unit	95	96	97	98	99	100	101	102
1 No Fumigant LDPE 1.25 mil		13 b	4 b	0 b	0 b	0 b	0 b	3 a	1 a
2 3 WAY 12 fb 150 fb 75 LDPE 1.25 mil		44 a	18 a	3 a	1 a	2 ab	1 ab	2 a	1 a
3 3 WAY 12 fb 150 fb 75 VIF 1.25 mil Blocade		38 a	13 a	0 b	0 b	3 ab	1 ab	5 a	2 a
4 Pic Chlor 60 @ 21 G Vapam 75 G LDPE 1.25 mil		34 a	12 a	0 b	0 b	4 a	1 a	3 a	1 a
5 Pic Chlor 60 @ 21 G Vapam 75 G VIF 1.25 mil Blocade		45 a	18 a	1 b	0 b	3 a	1 a	6 a	2 a
6 3 WAY 9 fb 113 fb 56 LDPE 1.25 mil		44 a	18 a	1 ab	0 ab	3 ab	1 ab	3 a	1 a
7 3 WAY 9 fb 113 fb56 VIF 1.25 mil Blocade		34 a	14 a	1 ab	0 ab	4 a	1 a	4 a	1 a
8 Pic Chlor 60 @ 15.8 G Vapam 56 G LDPE 1.25 mil		39 a	16 a	1 ab	1 ab	3 ab	1 ab	5 a	2 a
9 Pic Chlor 60 @ 15.8 G Vapam 56 G VIF 1.25 mil Blocade		42 a	17 a	2 ab	1 ab	3 a	1 ab	6 a	2 a
LSD (P=.05)		12.4	5.9	1.9	0.8	2.6	1.0	3.5	1.2
Standard Deviation		8.5	4.0	1.3	0.5	1.8	0.7	2.4	0.8
CV		22.94	27.9	117.59	126.51	68.92	69.64	60.67	59.29
Bartlett's X2		7.758	12.865	11.011	19.99	8.451	8.832	15.409	9.876
P(Bartlett's X2)		0.457	0.117	0.138	0.006*	0.391	0.357	0.052	0.274

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

Column 90: T14 = ([C93]+[C83]+[C85]+[C87]+[C89])

Column 91: T15 = ([C94]+[C84]+[C86]+[C88]+[C90])

## University of Georgia

Weed Code	harv 4 CUMSA	harv 4 CUMSA	harv 5 CUMSA	harv 5 CUMSA	harv 6 CUMSA	harv 6 CUMSA	harv 7 CUMSA	harv 7 CUMSA
Crop Code	fruit	fruit	fruit	fruit	fruit	fruit	fruit	fruit
Part Rated	#	wt/lb	#	wt/lb	#	wt/lb	#	wt/lb
Rating Data Type	per plot	per plot	per plot	per plot	per plot	per plot	per plot	per plot
Rating Unit	Sep-26-07	Sep-26-07	Sep-28-07	Sep-28-07	Oct-02-07	Oct-02-07	Oct-03-07	Oct-03-07
Rating Date	spray	spray	spray	spray	spray	spray	spray	spray
Crop Stage								
Assessed By								
ARM Action Codes								
Trt No.	Treatment Name	Rate	Rate	Rate	Rate	Rate	Rate	Rate
		Unit	Unit	Unit	Unit	Unit	Unit	Unit
		103	104	105	106	107	108	109
1	No Fumigant LDPE 1.25 mil	0 d	0 c	2 a	0 a	3 a	1 a	1 b
2	3 WAY 12 fb 150 fb 75 LDPE 1.25 mil	4 a	1 a	3 a	1 a	3 a	1 a	5 ab
3	3 WAY 12 fb 150 fb 75 VIF 1.25 mil Blocade	4 ab	1 ab	2 a	0 a	4 a	1 a	5 ab
4	Pic Chlor 60 @ 21 G Vapam 75 G LDPE 1.25 mil	2 bcd	0 bc	3 a	1 a	4 a	1 a	3 ab
5	Pic Chlor 60 @ 21 G Vapam 75 G VIF 1.25 mil Blocade	4 ab	1 ab	4 a	1 a	6 a	2 a	5 ab
6	3 WAY 9 fb 113 fb 56 LDPE 1.25 mil	3 abc	1 ab	3 a	1 a	5 a	2 a	4 ab
7	3 WAY 9 fb 113 fb 56 VIF 1.25 mil Blocade	1 cd	0 bc	2 a	1 a	7 a	2 a	5 ab
8	Pic Chlor 60 @ 15.8 G Vapam 56 G LDPE 1.25 mil	3 abc	1 ab	3 a	1 a	6 a	2 a	4 ab
9	Pic Chlor 60 @ 15.8 G Vapam 56 G VIF 1.25 mil Blocade	3 abc	1 ab	2 a	0 a	7 a	2 a	6 a
	LSD (P=.05)	2.1	0.7	2.5	0.7	3.6	1.3	4.1
	Standard Deviation	1.4	0.5	1.7	0.5	2.5	0.9	2.8
	CV	56.06	61.57	67.91	75.37	52.92	55.92	66.29
	Bartlett's X2	10.575	16.223	7.481	15.38	5.966	5.989	6.566
	P(Bartlett's X2)	0.158	0.039*	0.381	0.052	0.651	0.648	0.584

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



# University of Georgia

Weed Code	harv 8 CUMSA	harv 8 CUMSA	harv 9 CUMSA	harv 9 CUMSA	harv 10 CUMSA	harv 10 CUMSA	harv 1-3 CUMSA	harv 1-3 CUMSA
Crop Code	fruit	fruit	fruit	fruit	fruit	fruit	fruit	fruit
Part Rated	#	wt/lb	#	wt/lb	#	wt/lb	#	wt/lb
Rating Data Type	per plot	per plot	per plot	per plot	per plot	per plot	per plot	per plot
Rating Unit	per plot	per plot	per plot	per plot	per plot	per plot	per plot	per plot
Rating Date	Oct-05-07	Oct-05-07	Oct-08-07	Oct-08-07	Oct-10-07	Oct-10-07		
Crop Stage	spray	spray	spray	spray	spray	spray	spray	spray
Assessed By								
ARM Action Codes							T16	T17
Trt No.	Treatment Name	Rate	Rate	Rate	Rate	Rate	Rate	Rate
		Unit	Unit	Unit	Unit	Unit	Unit	Unit
1	No Fumigant LDPE 1.25 mil	2 a	0 a	4 c	1 c	4 ab	1 b	3 b
2	3 WAY 12 fb 150 fb 75 LDPE 1.25 mil	5 a	2 a	9 ab	4 ab	9 a	3 a	7 ab
3	3 WAY 12 fb 150 fb 75 VIF 1.25 mil Blocade	4 a	1 a	9 ab	3 ab	5 ab	1 b	8 ab
4	Pic Chlor 60 @ 21 G Vapam 75 G LDPE 1.25 mil	4 a	1 a	7 bc	2 bc	5 ab	1 b	6 ab
5	Pic Chlor 60 @ 21 G Vapam 75 G VIF 1.25 mil Blocade	5 a	2 a	9 ab	4 ab	4 ab	1 b	10 a
6	3 WAY 9 fb 113 fb 56 LDPE 1.25 mil	5 a	1 a	10 ab	3 ab	4 ab	1 b	7 ab
7	3 WAY 9 fb 113 fb 56 VIF 1.25 mil Blocade	3 a	1 a	6 bc	2 bc	4 ab	1 b	9 a
8	Pic Chlor 60 @ 15.8 G Vapam 56 G LDPE 1.25 mil	4 a	1 a	7 abc	2 bc	3 b	1 b	9 a
9	Pic Chlor 60 @ 15.8 G Vapam 56 G VIF 1.25 mil Blocade	5 a	1 a	12 a	5 a	3 b	1 b	11 a
LSD (P=.05)		3.5	1.2	4.4	1.8	4.3	1.6	4.9
Standard Deviation		2.4	0.8	3.0	1.2	3.0	1.1	3.4
CV		58.78	67.78	37.11	41.17	65.46	76.92	44.08
Bartlett's X2		6.696	10.316	8.15	4.842	4.343	11.028	4.716
P(Bartlett's X2)		0.57	0.244	0.419	0.774	0.825	0.20	0.787

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

Column 112: T16 = ([C97]+[C99]+[C101])

Column 113: T17 = ([C98]+[C100]+[C102])

## University of Georgia

Weed Code	harv 1-6 CUMSA	harv 1-6 CUMSA	harv1-10 CUMSA	harv1-10 CUMSA
Crop Code	fruit	fruit	fruit	fruit
Part Rated	#	wt/lb	#	wt/lb
Rating Data Type	per plot	per plot	per plot	per plot
Rating Unit				
Rating Date				
Crop Stage	spray	spray	spray	spray
Assessed By				
ARM Action Codes	T18	T19	T20	T21
Trt No.	Treatment Name	Rate	Rate	Rate
		Unit	Unit	Unit
119			120	121
122				
1	No Fumigant LDPE 1.25 mil	8 b	2 b	18 c
2	3 WAY 12 fb 150 fb 75 LDPE 1.25 mil	18 a	6 a	46 ab
3	3 WAY 12 fb 150 fb 75 VIF 1.25 mil Blocade	17 a	5 ab	40 ab
4	Pic Chlor 60 @ 21 G Vapam 75 G LDPE 1.25 mil	15 ab	5 ab	33 b
5	Pic Chlor 60 @ 21 G Vapam 75 G VIF 1.25 mil Blocade	23 a	7 a	46 ab
6	3 WAY 9 fb 113 fb 56 LDPE 1.25 mil	17 a	6 a	40 ab
7	3 WAY 9 fb 113 fb 56 VIF 1.25 mil Blocade	18 a	7 a	36 ab
8	Pic Chlor 60 @ 15.8 G Vapam 56 G LDPE 1.25 mil	21 a	6 a	39 ab
9	Pic Chlor 60 @ 15.8 G Vapam 56 G VIF 1.25 mil Blocade	22 a	8 a	49 a
	LSD (P=.05)	8.1	3.0	12.5
	Standard Deviation	5.6	2.0	8.5
	CV	31.83	35.04	22.25
	Bartlett's X2	5.324	10.277	7.283
	P(Bartlett's X2)	0.722	0.246	0.506
				0.045*

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

Column 114: T18 = ([C117]+[C103]+[C105]+[C107])

Column 115: T19 = ([C118]+[C104]+[C106]+[C108])

Column 116: T20 = ([C119]+[C109]+[C111]+[C113]+[C115])

Column 117: T21 = ([C120]+[C110]+[C112]+[C114]+[C116])



# University of Georgia

	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: 6.4	Texture: Sand	
% Silt: 2	pH: 1.3	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: \_\_\_\_\_

Closest Weather Station: \_\_\_\_\_ Distance: \_\_\_\_\_ Unit: \_\_\_\_\_

### APPLICATION DESCRIPTION

	A
Application Date:	
Time of Day:	
Application Method:	
Application Timing:	
Applic. Placement:	
Air Temp., Unit:	
% Relative Humidity:	
Wind Velocity, Unit:	
Dew Presence (Y/N):	
Water Hardness:	
Soil Temp., Unit:	
Soil Moisture:	
% Cloud Cover:	

### CROP STAGE AT EACH APPLICATION

	A
Crop 1 Code, Stage:	CUUPE
Stage Scale:	
Height, Unit:	
Crop 2 Code, Stage:	CUMSA
Stage Scale:	
Height, Unit:	

# University of Georgia

## WEED STAGE AT EACH APPLICATION

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

## APPLICATION EQUIPMENT

	A
Appl. Equipment:	
Operating Pressure:	
Nozzle Type:	
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