

University of Georgia

Plant Survival:

1. Eptam did not impact the number of plants living throughout the season, regardless of mulch.

Plant Heights:

1. Seven to ten plants per plot were measured during the season.
2. Treatments did not impact plant height.

Yields:

1. The hurricane damaged tomato thus the crop was not harvested.
2. Yields of cucumber, pepper, squash, cabbage, and collard were generally not impacted by treatment.

CONCLUSIONS:

1. At time of herbicide application, soil temperatures was 93 degrees at 4 inches. Within hours temperature under the mulch where the Eptam was placed exceeded 100 degrees. It is likely the Eptam volatilized through both mulch types under these conditions. Further studies will be conducted.

University of Georgia

Weed Code	S. Cuc	S. Cuc	S. Cuc	Pepper	Pepper	Pepper	Tomato	Tomato
Crop Code	CUMSA	CUMSA	CUMSA	CPSAN	CPSAN	CPSAN	LYPES	LYPES
Part Rated	LEAF C	LEAF C	LEAF C	LEAF C	LEAF C	LEAF C	LEAF C	LEAF C
Rating Data Type	PHYGEN	PHYGEN	PHYGEN	PHYGEN	PHYGEN	PHYGEN	PHYGEN	PHYGEN
Rating Unit	percent	percent	percent	percent	percent	percent	percent	percent
Rating Date	Aug-27-08	Sep-09-08	Sep-15-08	Aug-27-08	Sep-09-08	Sep-15-08	Aug-27-08	Sep-09-08
Trt-Eval Interval	41 DA-A	54 DA-A	60 DA-A	41 DA-A	54 DA-A	60 DA-A	41 DA-A	54 DA-A
Trt No.	9	10	11	12	13	14	15	16
Treatment Name								
Rate								
Unit								
1 PicChlor 60 21 G LDPE Mulch No herbicide	0 a	0 a	0 a	0 c	0 a	0 b	0 b	2 a
2 PicChlor 60 21 G LDPE Mulch Eptam 2 PT/A	1 a	1 a	3 a	3 bc	3 a	2 b	2 ab	0 a
3 PicChlor 60 21 G LDPE Mulch Eptam 3 PT/A	3 a	5 a	3 a	2 bc	10 a	2 b	0 b	5 a
4 PicChlor 60 21 G LDPE Mulch Eptam 4 PT/A	5 a	7 a	0 a	7 abc	7 a	7 ab	2 ab	10 a
5 PicChlor 60 21 G Blockade Mulch No herbicide	0 a	0 a	0 a	0 c	0 a	0 b	0 b	7 a
6 PicChlor 60 21 G Blockade Mulch Eptam 2 PT/A	5 a	7 a	2 a	5 bc	3 a	2 b	0 b	2 a
7 PicChlor 60 21 G Blockade Mulch Eptam 3 PT/A	5 a	7 a	5 a	8 ab	8 a	15 a	5 ab	2 a
8 PicChlor 60 21 G Blockade Mulch Eptam 4 PT/A	5 a	5 a	2 a	13 a	8 a	8 ab	7 a	2 a
LSD (P=.05)	9.2	7.4	6.4	6.6	10.7	10.5	5.7	9.9
Standard Deviation	5.2	4.2	3.6	3.8	6.1	6.0	3.3	5.6
CV	170.98	109.22	192.94	78.88	122.72	136.88	174.57	158.96
Bartlett's X2	2.646	0.951	4.082	2.162	0.597	7.498	1.408	7.998
P(Bartlett's X2)	0.619	0.917	0.395	0.826	0.988	0.186	0.704	0.238

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

University of Georgia

Weed Code	Tomato	Cabbage	Cabbage	Cabbage	Collard	Collard	Collard	T. Cuc			
Crop Code	LYPES	BRSOL	BRSOL	BRSOL	BRSOA	BRSOA	BRSOA	CUMSA			
Part Rated	LEAF C	LEAF C	LEAF C	LEAF C	LEAF C	LEAF C	LEAF C	PLALIV C			
Rating Data Type	PHYGEN	PHYGEN	PHYGEN	PHYGEN	PHYGEN	PHYGEN	PHYGEN	STASUB			
Rating Unit	percent	percent	percent	percent	percent	percent	percent	NUMBER			
Rating Date	Sep-15-08	Aug-27-08	Sep-09-08	Sep-15-08	Aug-27-08	Sep-09-08	Sep-15-08	Aug-27-08			
Trt-Eval Interval	60 DA-A	41 DA-A	54 DA-A	60 DA-A	41 DA-A	54 DA-A	60 DA-A	41 DA-A			
Trt No.	Treatment Name	Rate	Unit	17	18	19	20	21	22	23	24
1	PicChlor 60 21 G LDPE Mulch No herbicide			0 b	0 a	0 a	0 b	0 b	0 a	0 b	17 a
2	PicChlor 60 21 G LDPE Mulch Eptam	2	PT/A	3 ab	7 a	3 a	6 ab	5 ab	7 a	5 ab	17 a
3	PicChlor 60 21 G LDPE Mulch Eptam	3	PT/A	7 a	5 a	0 a	3 ab	7 ab	8 a	7 ab	17 a
4	PicChlor 60 21 G LDPE Mulch Eptam	4	PT/A	7 a	5 a	3 a	0 b	5 ab	5 a	0 b	17 a
5	PicChlor 60 21 G Blockade Mulch No herbicide			0 b	0 a	0 a	0 b	0 b	0 a	0 b	17 a
6	PicChlor 60 21 G Blockade Mulch Eptam	2	PT/A	2 ab	0 a	3 a	3 ab	0 b	8 a	8 ab	17 a
7	PicChlor 60 21 G Blockade Mulch Eptam	3	PT/A	5 ab	8 a	7 a	10 a	13 a	7 a	8 ab	17 a
8	PicChlor 60 21 G Blockade Mulch Eptam	4	PT/A	3 ab	5 a	3 a	5 ab	3 ab	7 a	12 a	17 a
LSD (P=.05)				5.7	9.5	7.6	7.7	10.0	10.2	9.6	0.9
Standard Deviation				3.3	5.4	4.3	4.3	5.7	5.8	5.5	0.5
CV				98.2	140.48	170.68	125.81	137.63	111.84	109.92	3.09
Bartlett's X2				1.532	1.337	1.773	2.634	0.7	3.527	2.942	0.0
P(Bartlett's X2)				0.909	0.855	0.777	0.621	0.951	0.619	0.568	1.00

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

University of Georgia

Weed Code	T. Cuc	T. Cuc	Squash	Squash	Squash	S. Cuc	S. Cuc	S. Cuc			
Crop Code	CUMSA	CUMSA	CUUMA	CUUMA	CUUMA	CUMSA	CUMSA	CUMSA			
Part Rated	PLALIV C	PLALIV C	PLALIV C	PLALIV C	PLALIV C	PLALIV C	PLALIV C	PLALIV C			
Rating Data Type	STASUB	STASUB	STASUB	STASUB	STASUB	STASUB	STASUB	STASUB			
Rating Unit	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER			
Rating Date	Sep-09-08	Sep-15-08	Aug-27-08	Sep-09-08	Sep-15-08	Aug-27-08	Sep-09-08	Sep-15-08			
Trt-Eval Interval	54 DA-A	60 DA-A	41 DA-A	54 DA-A	60 DA-A	41 DA-A	54 DA-A	60 DA-A			
Trt No.	Treatment Name	Rate	Unit	25	26	27	28	29	30	31	32
1	PicChlor 60 21 G LDPE Mulch No herbicide	15	a	15 a	15 a	17 a	16 a	16 a	18 a	14 a	14 a
2	PicChlor 60 21 G LDPE Mulch Eptam	2	PT/A	15 a	15 a	17 a	16 a	16 a	18 a	14 a	14 a
3	PicChlor 60 21 G LDPE Mulch Eptam	3	PT/A	15 a	15 a	17 a	16 a	16 a	17 a	14 a	14 a
4	PicChlor 60 21 G LDPE Mulch Eptam	4	PT/A	15 a	15 a	17 a	16 a	16 a	18 a	14 a	14 a
5	PicChlor 60 21 G Blockade Mulch No herbicide	15	a	15 a	15 a	17 a	16 a	16 a	18 a	14 a	14 a
6	PicChlor 60 21 G Blockade Mulch Eptam	2	PT/A	15 a	15 a	17 a	16 a	16 a	18 a	14 a	14 a
7	PicChlor 60 21 G Blockade Mulch Eptam	3	PT/A	15 a	15 a	17 a	16 a	16 a	18 a	14 a	14 a
8	PicChlor 60 21 G Blockade Mulch Eptam	4	PT/A	15 a	15 a	17 a	16 a	16 a	18 a	14 a	14 a
LSD (P=.05)		0.0		0.0	0.0	0.5	0.0	0.0	2.8	0.0	0.0
Standard Deviation		0.0		0.0	0.0	0.3	0.0	0.0	1.6	0.0	0.0
CV		0.0		0.0	0.0	1.77	0.0	0.0	9.04	0.0	0.0
Bartlett's X2		0.0		0.0	0.0	0.0	0.0	0.0	7.675	0.0	0.0
P(Bartlett's X2)		.		.	.	1.00	.	.	0.362	.	.

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

University of Georgia

Weed Code	Pepper	Pepper	Pepper	Tomato	Tomato	Tomato	Cabbage	Cabbage	
Crop Code	CPSAN	CPSAN	CPSAN	LYPES	LYPES	LYPES	BRSOL	BRSOL	
Part Rated	PLALIV C	PLALIV C	PLALIV C	PLALIV C	PLALIV C	PLALIV C	PLALIV C	PLALIV C	
Rating Data Type	STASUB	STASUB	STASUB	STASUB	STASUB	STASUB	STASUB	STASUB	
Rating Unit	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	
Rating Date	Aug-27-08	Sep-09-08	Sep-15-08	Aug-27-08	Sep-09-08	Sep-15-08	Aug-27-08	Sep-09-08	
Trt-Eval Interval	41 DA-A	54 DA-A	60 DA-A	41 DA-A	54 DA-A	60 DA-A	41 DA-A	54 DA-A	
Trt No.	Treatment Name	Rate	Rate	Rate	Rate	Rate	Rate	Rate	
		Unit							
1	PicChlor 60 21 G LDPE Mulch No herbicide	32 a	32 a	32 a	12 a	12 a	12 a	17 a	16 a
2	PicChlor 60 21 G LDPE Mulch Eptam	32 a	32 a	32 ab	12 a	12 a	12 a	17 b	16 a
3	PicChlor 60 21 G LDPE Mulch Eptam	32 a	31 a	31 b	12 a	12 a	12 a	17 a	16 a
4	PicChlor 60 21 G LDPE Mulch Eptam	32 a	31 a	31 ab	12 a	12 a	12 a	17 a	16 a
5	PicChlor 60 21 G Blockade Mulch No herbicide	32 a	32 a	32 ab	12 a	12 a	12 a	17 a	16 a
6	PicChlor 60 21 G Blockade Mulch Eptam	32 a	32 a	32 a	12 a	11 a	11 a	17 a	16 a
7	PicChlor 60 21 G Blockade Mulch Eptam	32 a	32 a	32 a	12 a	12 a	12 a	17 a	16 a
8	PicChlor 60 21 G Blockade Mulch Eptam	32 a	31 a	31 b	12 a	12 a	12 a	17 a	16 a
LSD (P=.05)		0.0	1.1	1.1	0.0	0.9	0.9	0.3	0.0
Standard Deviation		0.0	0.6	0.6	0.0	0.5	0.5	0.2	0.0
CV		0.0	1.96	1.91	0.0	4.22	4.22	1.08	0.0
Bartlett's X2		0.0	0.991	2.127	0.0	0.0	0.0	0.0	0.0
P(Bartlett's X2)		.	0.609	0.712	.	1.00	1.00	.	.

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

University of Georgia

Weed Code	Cabbage	Collard	Collard	Collard	T. Cuc	T. Cuc	Squash	Squash			
Crop Code	BRSOL	BRSOA	BRSOA	BRSOA	CUMSA	CUMSA	CUUMA	CUUMA			
Part Rated	PLALIV C	PLALIV C	PLALIV C	PLALIV C	PLALIV C	PLALIV C	PLALIV C	PLALIV C			
Rating Data Type	STASUB	STASUB	STASUB	STASUB	HEIGHT	HEIGHT	HEIGHT	HEIGHT			
Rating Unit	NUMBER	NUMBER	NUMBER	NUMBER	CM	CM	CM	CM			
Rating Date	Sep-15-08	Aug-27-08	Sep-09-08	Sep-15-08	Aug-27-08	Sep-09-08	Aug-27-08	Sep-09-08			
Trt-Eval Interval	60 DA-A	41 DA-A	54 DA-A	60 DA-A	41 DA-A	54 DA-A	41 DA-A	54 DA-A			
Trt No.	Treatment Name	Rate	Unit	41	42	43	44	45	46	47	48
1	PicChlor 60 21 G LDPE Mulch No herbicide	16	a	16 a	17 a	14 a	14 a	24 a	110 a	17 a	63 a
2	PicChlor 60 21 G LDPE Mulch Eptam	2	PT/A	16 a	16 a	14 a	14 a	25 a	120 a	17 a	62 a
3	PicChlor 60 21 G LDPE Mulch Eptam	3	PT/A	16 a	16 a	14 a	14 a	20 a	101 a	18 a	58 ab
4	PicChlor 60 21 G LDPE Mulch Eptam	4	PT/A	16 a	17 a	14 a	14 a	20 a	86 a	15 a	54 ab
5	PicChlor 60 21 G Blockade Mulch No herbicide	16	a	16 a	16 a	14 a	14 a	23 a	113 a	16 a	56 ab
6	PicChlor 60 21 G Blockade Mulch Eptam	2	PT/A	16 a	17 a	13 a	13 a	18 a	86 a	15 a	56 ab
7	PicChlor 60 21 G Blockade Mulch Eptam	3	PT/A	16 a	17 a	14 a	14 a	19 a	94 a	17 a	55 ab
8	PicChlor 60 21 G Blockade Mulch Eptam	4	PT/A	16 a	17 a	14 a	14 a	19 a	86 a	15 a	51 b
LSD (P=.05)		0.0		0.0	0.9	0.6	0.6	8.6	35.0	3.3	9.2
Standard Deviation		0.0		0.0	0.5	0.4	0.4	4.9	20.0	1.9	5.3
CV		0.0		0.0	3.11	2.67	2.67	23.39	20.08	11.69	9.27
Bartlett's X2		0.0		0.0	1.752	0.0	0.0	3.818	0.798	2.012	2.655
P(Bartlett's X2)		.		.	0.781	0.001*	0.001*	0.80	0.997	0.959	0.915

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

University of Georgia

Weed Code	S. Cuc	S. Cuc	Pepper	Pepper	Tomato	Tomato	Cabbage	Cabbage	
Crop Code	CUMSA	CUMSA	CPSAN	CPSAN	LYPES	LYPES	BRSOL	BRSOL	
Part Rated	PLALIV C	PLALIV C	PLALIV C	PLALIV C	PLALIV C	PLALIV C	PLALIV C	PLALIV C	
Rating Data Type	HEIGHT	HEIGHT	HEIGHT	HEIGHT	HEIGHT	HEIGHT	HEIGHT	HEIGHT	
Rating Unit	CM	CM	CM	CM	CM	CM	CM	CM	
Rating Date	Aug-27-08	Sep-09-08	Aug-27-08	Sep-09-08	Aug-27-08	Sep-09-08	Aug-27-08	Sep-09-08	
Trt-Eval Interval	41 DA-A	54 DA-A	41 DA-A	54 DA-A	41 DA-A	54 DA-A	41 DA-A	54 DA-A	
Trt No.	Treatment Name	Rate	Rate	Rate	Rate	Rate	Rate	Rate	
Trt No.	Treatment Name	Rate	Rate	Rate	Rate	Rate	Rate	Rate	
1	PicChlor 60 21 G LDPE Mulch No herbicide	12 a	67 bc	17 a	28 a	29 a	53 a	12 ab	20 ab
2	PicChlor 60 21 G LDPE Mulch Eptam	12 a	85 a	17 a	29 a	30 a	51 a	11 ab	17 ab
3	PicChlor 60 21 G LDPE Mulch Eptam	11 a	81 ab	19 a	30 a	30 a	48 a	13 a	21 a
4	PicChlor 60 21 G LDPE Mulch Eptam	10 a	67 bc	17 a	28 a	28 a	51 a	11 ab	19 ab
5	PicChlor 60 21 G Blockade Mulch No herbicide	12 a	73 abc	18 a	29 a	31 a	51 a	13 a	18 ab
6	PicChlor 60 21 G Blockade Mulch Eptam	10 a	63 c	17 a	28 a	28 a	49 a	12 ab	18 ab
7	PicChlor 60 21 G Blockade Mulch Eptam	10 a	71 abc	17 a	26 a	28 a	48 a	10 b	15 b
8	PicChlor 60 21 G Blockade Mulch Eptam	13 a	64 c	17 a	25 a	31 a	51 a	12 ab	19 ab
	LSD (P=.05)	3.9	14.8	3.2	5.2	5.5	6.8	2.4	4.7
	Standard Deviation	2.2	8.4	1.8	3.0	3.1	3.9	1.4	2.7
	CV	19.75	11.76	10.49	10.72	10.62	7.67	11.47	14.68
	Bartlett's X2	6.851	8.603	11.246	3.014	14.248	6.153	5.595	6.057
	P(Bartlett's X2)	0.445	0.282	0.128	0.884	0.047*	0.522	0.588	0.533

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

University of Georgia

Weed Code	Collard	Collard	T. Cuc	T. Cuc	T. Cuc	T. Cuc	T. Cuc			
Crop Code	BRSOA	BRSOA	CUMSA	CUMSA	CUMSA	CUMSA	CUMSA			
Part Rated	PLALIV C	PLALIV C	FRUMAR C	FRUMAR C	FRUMAR C	FRUMAR C	FRUMAR C			
Rating Data Type	HEIGHT	HEIGHT	YIELD	YIELD	YIELD	YIELD	YIELD			
Rating Unit	CM	CM	#/plot	lb/plot	#/a	lb/a	#/plot			
Rating Date	Aug-27-08	Sep-09-08	Sep-08-08	Sep-08-08	Sep-08-08	Sep-08-08	Sep-10-08			
Trt-Eval Interval	41 DA-A	54 DA-A	53 DA-A	53 DA-A	53 DA-A	53 DA-A	55 DA-A			
Trt No.	Treatment Name	Rate	Unit	57	58	59	60	61	62	63
1	PicChlor 60 21 G LDPE Mulch No herbicide			16 a	27 a	5 a	2 a	1100 a	440 a	9 a
2	PicChlor 60 21 G LDPE Mulch Eptam	2	PT/A	15 a	25 a	9 a	4 a	1907 a	770 a	10 a
3	PicChlor 60 21 G LDPE Mulch Eptam	3	PT/A	13 a	25 a	7 a	2 a	1540 a	506 a	13 a
4	PicChlor 60 21 G LDPE Mulch Eptam	4	PT/A	14 a	29 a	3 a	2 a	733 a	330 a	10 a
5	PicChlor 60 21 G Blockade Mulch No herbicide			15 a	23 a	6 a	2 a	1247 a	506 a	14 a
6	PicChlor 60 21 G Blockade Mulch Eptam	2	PT/A	15 a	22 a	2 a	1 a	440 a	191 a	10 a
7	PicChlor 60 21 G Blockade Mulch Eptam	3	PT/A	12 a	21 a	4 a	1 a	807 a	271 a	7 a
8	PicChlor 60 21 G Blockade Mulch Eptam	4	PT/A	14 a	20 a	2 a	1 a	367 a	139 a	7 a
LSD (P=.05)				3.5	8.1	7.4	2.9	1626.9	633.4	8.3
Standard Deviation				2.0	4.6	4.2	1.6	928.9	361.6	4.7
CV				13.87	19.2	91.29	91.75	91.29	91.75	46.96
Bartlett's X2				4.56	6.194	7.935	10.494	7.935	10.494	3.044
P(Bartlett's X2)				0.713	0.517	0.338	0.162	0.338	0.162	0.881

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

University of Georgia

Weed Code	T. Cuc	T. Cuc	T. Cuc	T. Cuc	T. Cuc	T. Cuc	T. Cuc
Crop Code	CUMSA	CUMSA	CUMSA	CUMSA	CUMSA	CUMSA	CUMSA
Part Rated	FRUMAR C	FRUMAR C	FRUMAR C	FRUMAR C	FRUMAR C	FRUMAR C	FRUMAR C
Rating Data Type	YIELD	YIELD	YIELD	YIELD	YIELD	YIELD	YIELD
Rating Unit	lb/plot	#/a	lb/a	#/plot	lb/plot	#/a	lb/a
Rating Date	Sep-10-08	Sep-10-08	Sep-10-08	Sep-12-08	Sep-12-08	Sep-12-08	Sep-12-08
Trt-Eval Interval	55 DA-A	55 DA-A	55 DA-A	57 DA-A	57 DA-A	57 DA-A	57 DA-A
Trt No.	64	65	66	67	68	69	70
Treatment Name	Rate	Rate	Rate	Rate	Rate	Rate	Rate
	Unit						
1 PicChlor 60 21 G LDPE Mulch No herbicide	5 a	2053 a	1071 a	9 a	5 a	1980 a	1005 a
2 PicChlor 60 21 G LDPE Mulch Eptam	2 PT/A	2200 a	990 a	8 ab	4 ab	1760 ab	843 ab
3 PicChlor 60 21 G LDPE Mulch Eptam	3 PT/A	2933 a	1063 a	5 abc	2 abc	1100 abc	462 abc
4 PicChlor 60 21 G LDPE Mulch Eptam	4 PT/A	2273 a	939 a	2 c	1 c	367 c	125 c
5 PicChlor 60 21 G Blockade Mulch No herbicide	7 a	3007 a	1430 a	7 abc	3 abc	1540 abc	579 abc
6 PicChlor 60 21 G Blockade Mulch Eptam	2 PT/A	2127 a	821 a	3 bc	1 bc	733 bc	315 bc
7 PicChlor 60 21 G Blockade Mulch Eptam	3 PT/A	1540 a	557 a	5 abc	2 abc	1100 abc	447 abc
8 PicChlor 60 21 G Blockade Mulch Eptam	4 PT/A	1613 a	616 a	6 abc	3 abc	1247 abc	565 abc
LSD (P=.05)	4.2	1824.5	933.4	5.0	2.8	1102.7	606.1
Standard Deviation	2.4	1041.8	533.0	2.9	1.6	629.6	346.1
CV	56.95	46.96	56.95	51.26	63.78	51.26	63.78
Bartlett's X2	8.018	3.044	8.019	3.21	7.213	3.21	7.213
P(Bartlett's X2)	0.331	0.881	0.331	0.865	0.407	0.865	0.407

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

University of Georgia

Weed Code	T. Cuc CUMSA	T. Cuc CUMSA	T. Cuc CUMSA	T. Cuc CUMSA	T. Cuc CUMSA	T. Cuc CUMSA	T. Cuc CUMSA			
Crop Code	FRUMAR C	FRUMAR C	FRUMAR C	FRUMAR C	FRUMAR C	FRUMAR C	FRUMAR C			
Part Rated										
Rating Data Type	YIELD	YIELD	YIELD	YIELD	YIELD	YIELD	YIELD			
Rating Unit	#/plot	lb/plot	#/a	lb/a	#/plot	lb/plot	#/a			
Rating Date	Sep-15-08	Sep-15-08	Sep-15-08	Sep-15-08	Sep-17-08	Sep-17-08	Sep-17-08			
Trt-Eval Interval	60 DA-A	60 DA-A	60 DA-A	60 DA-A	62 DA-A	62 DA-A	62 DA-A			
Trt No.	Treatment Name	Rate	Unit	71	72	73	74	75	76	77
1	PicChlor 60 21 G LDPE Mulch No herbicide			7 ab	4 a	1636 ab	853 a	15 a	7 a	3300 a
2	PicChlor 60 21 G LDPE Mulch Eptam	2	PT/A	14 a	7 a	3153 a	1628 a	12 a	6 ab	2640 a
3	PicChlor 60 21 G LDPE Mulch Eptam	3	PT/A	6 ab	3 a	1320 ab	601 a	9 a	4 ab	2053 a
4	PicChlor 60 21 G LDPE Mulch Eptam	4	PT/A	11 ab	6 a	2493 ab	1254 a	5 a	2 b	1173 a
5	PicChlor 60 21 G Blockade Mulch No herbicide			8 ab	5 a	1760 ab	1115 a	12 a	6 ab	2567 a
6	PicChlor 60 21 G Blockade Mulch Eptam	2	PT/A	6 ab	2 a	1297 ab	523 a	13 a	5 ab	2860 a
7	PicChlor 60 21 G Blockade Mulch Eptam	3	PT/A	7 ab	4 a	1467 ab	843 a	9 a	4 ab	1980 a
8	PicChlor 60 21 G Blockade Mulch Eptam	4	PT/A	4 b	2 a	807 b	528 a	10 a	4 ab	2127 a
LSD (P=.05)				8.0	4.9	1757.4	1083.7	9.0	3.8	1971.2
Standard Deviation				4.5	2.8	987.8	609.1	5.1	2.2	1125.5
CV				56.71	66.34	56.71	66.34	48.15	45.58	48.15
Bartlett's X2				10.353	13.426	10.353	13.426	6.426	12.763	6.426
P(Bartlett's X2)				0.169	0.062	0.169	0.062	0.491	0.078	0.491

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

University of Georgia

Weed Code	T. Cuc CUMSA	T. Cuc CUMSA	T. Cuc CUMSA	T. Cuc CUMSA	T. Cuc CUMSA	T. Cuc CUMSA	T. Cuc CUMSA				
Crop Code	FRUMAR C	FRUMAR C	FRUMAR C	FRUMAR C	FRUMAR C	FRUMAR C	FRUMAR C				
Part Rated	YIELD	YIELD	YIELD	YIELD	YIELD	YIELD	YIELD				
Rating Data Type	lb/a	#/plot	lb/plot	#/a	lb/a	#/plot	lb/plot				
Rating Unit	Sep-17-08	Sep-19-08	Sep-19-08	Sep-19-08	Sep-19-08	Sep-22-08	Sep-22-08				
Rating Date	62 DA-A	64 DA-A	64 DA-A	64 DA-A	64 DA-A	67 DA-A	67 DA-A				
Trt-Eval Interval	Trt No.	Treatment Name	Rate	Unit	78	79	80	81	82	83	84
1	PicChlor 60 21 G LDPE Mulch No herbicide				1467 a	16 ab	6 ab	3520 ab	1401 ab	15 a	9 a
2	PicChlor 60 21 G LDPE Mulch Eptam	2	PT/A		1298 ab	21 a	9 a	4547 a	1973 a	20 a	9 a
3	PicChlor 60 21 G LDPE Mulch Eptam	3	PT/A		931 ab	16 ab	8 ab	3520 ab	1657 ab	21 a	11 a
4	PicChlor 60 21 G LDPE Mulch Eptam	4	PT/A		447 b	12 b	5 b	2640 b	1100 b	11 a	6 a
5	PicChlor 60 21 G Blockade Mulch No herbicide				1232 ab	13 ab	5 ab	2860 ab	1181 ab	15 a	9 a
6	PicChlor 60 21 G Blockade Mulch Eptam	2	PT/A		1195 ab	10 b	4 b	2127 b	836 b	22 a	11 a
7	PicChlor 60 21 G Blockade Mulch Eptam	3	PT/A		917 ab	15 ab	6 ab	3300 ab	1364 ab	12 a	6 a
8	PicChlor 60 21 G Blockade Mulch Eptam	4	PT/A		961 ab	14 ab	6 ab	3007 ab	1269 ab	9 a	6 a
LSD (P=.05)					843.0	7.1	3.5	1554.1	771.0	11.7	6.0
Standard Deviation					481.3	4.0	2.0	887.3	440.2	6.7	3.4
CV					45.58	27.82	32.67	27.82	32.67	42.67	40.8
Bartlett's X2					12.764	4.538	5.63	4.538	5.63	7.29	3.152
P(Bartlett's X2)					0.078	0.716	0.584	0.716	0.584	0.399	0.871

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

University of Georgia

Weed Code	T. Cuc	T. Cuc	T. Cuc	T. Cuc	T. Cuc	T. Cuc	T. Cuc
Crop Code	CUMSA	CUMSA	CUMSA	CUMSA	CUMSA	CUMSA	CUMSA
Part Rated	FRUMAR C	FRUMAR C	FRUMAR C	FRUMAR C	FRUMAR C	FRUMAR C	FRUMAR C
Rating Data Type	YIELD	YIELD	YIELD	YIELD	YIELD	YIELD	YIELD
Rating Unit	#/a	lb/a	#/plot	lb/plot	#/a	lb/a	#/plot
Rating Date	Sep-22-08	Sep-22-08	Sep-24-08	Sep-24-08	Sep-24-08	Sep-24-08	Sep-26-08
Trt-Eval Interval	67 DA-A	67 DA-A	69 DA-A	69 DA-A	69 DA-A	69 DA-A	71 DA-A
Trt No.	85	86	87	88	89	90	91
Treatment Name							
Rate							
Unit							
1 PicChlor 60 21 G LDPE Mulch No herbicide	3373 a	1965 a	9 a	4 a	1980 a	953 a	16 a
2 PicChlor 60 21 G LDPE Mulch Eptam 2 PT/A	4473 a	2009 a	20 a	10 a	4400 a	2112 a	18 a
3 PicChlor 60 21 G LDPE Mulch Eptam 3 PT/A	4547 a	2508 a	12 a	6 a	2640 a	1357 a	11 a
4 PicChlor 60 21 G LDPE Mulch Eptam 4 PT/A	2347 a	1349 a	12 a	7 a	2713 a	1437 a	9 a
5 PicChlor 60 21 G Blockade Mulch No herbicide	3373 a	1892 a	18 a	9 a	3960 a	1899 a	11 a
6 PicChlor 60 21 G Blockade Mulch Eptam 2 PT/A	4840 a	2354 a	9 a	4 a	2053 a	843 a	9 a
7 PicChlor 60 21 G Blockade Mulch Eptam 3 PT/A	2640 a	1423 a	10 a	5 a	2273 a	1005 a	13 a
8 PicChlor 60 21 G Blockade Mulch Eptam 4 PT/A	2053 a	1210 a	10 a	4 a	2273 a	983 a	9 a
LSD (P=.05)	2582.5	1314.1	12.5	5.3	2739.2	1175.2	9.3
Standard Deviation	1474.5	750.3	7.1	3.1	1564.0	671.0	5.3
CV	42.67	40.8	56.13	50.69	56.13	50.69	44.42
Bartlett's X2	7.29	3.152	10.303	6.778	10.303	6.778	9.81
P(Bartlett's X2)	0.399	0.871	0.172	0.452	0.172	0.452	0.20

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

University of Georgia

Weed Code	T. Cuc CUMSA	T. Cuc CUMSA	T. Cuc CUMSA	T. Cuc CUMSA	T. Cuc CUMSA	T. Cuc CUMSA	T. Cuc CUMSA
Crop Code	FRUMAR C	FRUMAR C	FRUMAR C	FRUMAR C	FRUMAR C	FRUMAR C	FRUMAR C
Part Rated	YIELD	YIELD	YIELD	YIELD	YIELD	YIELD	YIELD
Rating Data Type	lb/plot	#/a	lb/a	#/plot	lb/plot	#/a	lb/a
Rating Unit	Sep-26-08	Sep-26-08	Sep-26-08	Sep-29-08	Sep-29-08	Sep-29-08	Sep-29-08
Rating Date	71 DA-A	71 DA-A	71 DA-A	74 DA-A	74 DA-A	74 DA-A	74 DA-A
Trt-Eval Interval							
Trt No.	92	93	94	95	96	97	98
Treatment Name							
Rate							
Unit							
1 PicChlor 60 21 G LDPE Mulch No herbicide	8 ab	3593 a	1687 ab	18 a	7 a	3887 a	1584 a
2 PicChlor 60 21 G LDPE Mulch Eptam 2 PT/A	9 a	3887 a	1936 a	19 a	9 a	4107 a	2053 a
3 PicChlor 60 21 G LDPE Mulch Eptam 3 PT/A	5 ab	2347 a	1137 ab	20 a	9 a	4327 a	2017 a
4 PicChlor 60 21 G LDPE Mulch Eptam 4 PT/A	4 b	1980 a	785 b	18 a	8 a	3960 a	1657 a
5 PicChlor 60 21 G Blockade Mulch No herbicide	5 ab	2347 a	1137 ab	18 a	9 a	4033 a	1892 a
6 PicChlor 60 21 G Blockade Mulch Eptam 2 PT/A	4 ab	2053 a	873 ab	18 a	8 a	3960 a	1665 a
7 PicChlor 60 21 G Blockade Mulch Eptam 3 PT/A	6 ab	2860 a	1305 ab	17 a	8 a	3740 a	1767 a
8 PicChlor 60 21 G Blockade Mulch Eptam 4 PT/A	4 b	2053 a	836 b	22 a	9 a	4767 a	1885 a
LSD (P=.05)	4.4	2053.7	962.2	13.6	6.2	2992.7	1353.7
Standard Deviation	2.5	1172.6	549.4	7.8	3.5	1708.8	772.9
CV	45.33	44.42	45.33	41.7	42.59	41.7	42.59
Bartlett's X2	6.063	9.81	6.063	11.212	7.906	11.212	7.906
P(Bartlett's X2)	0.532	0.20	0.532	0.13	0.341	0.13	0.341

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

University of Georgia

Weed Code	T. Cuc CUMSA	T. Cuc CUMSA	T. Cuc CUMSA	T. Cuc CUMSA	T. Cuc CUMSA	T. Cuc CUMSA	T. Cuc CUMSA
Crop Code	FRUMAR C	FRUMAR C	FRUMAR C	FRUMAR C	FRUMAR C	FRUMAR C	FRUMAR C
Part Rated	YIELD	YIELD	YIELD	YIELD	YIELD	YIELD	YIELD
Rating Data Type	#/plot	lb/plot	#/a	lb/a	#/plot	lb/plot	#/a
Rating Unit	Oct-01-08	Oct-01-08	Oct-01-08	Oct-01-08	Oct-03-08	Oct-03-08	Oct-03-08
Rating Date	76 DA-A	76 DA-A	76 DA-A	76 DA-A	78 DA-A	78 DA-A	78 DA-A
Trt-Eval Interval							
Trt No.	99	100	101	102	103	104	105
Treatment Name							
Rate							
Unit							
1 PicChlor 60 21 G LDPE Mulch No herbicide	9 a	3 a	2053 a	763 a	12 bc	5 bc	2567 bc
2 PicChlor 60 21 G LDPE Mulch Eptam	8 a	3 a	1833 a	733 a	20 a	8 a	4473 a
3 PicChlor 60 21 G LDPE Mulch Eptam	17 a	6 a	3667 a	1393 a	18 abc	7 ab	3960 abc
4 PicChlor 60 21 G LDPE Mulch Eptam	15 a	6 a	3227 a	1247 a	11 bc	4 bc	2493 bc
5 PicChlor 60 21 G Blockade Mulch No herbicide	15 a	6 a	3373 a	1415 a	18 ab	8 a	4033 ab
6 PicChlor 60 21 G Blockade Mulch Eptam	13 a	6 a	2860 a	1305 a	19 ab	8 a	4180 ab
7 PicChlor 60 21 G Blockade Mulch Eptam	11 a	4 a	2493 a	931 a	16 abc	5 abc	3593 abc
8 PicChlor 60 21 G Blockade Mulch Eptam	11 a	4 a	2347 a	946 a	10 c	3 c	2200 c
LSD (P=.05)	8.3	3.2	1825.7	695.6	7.5	2.6	1646.3
Standard Deviation	4.7	1.8	1042.4	397.2	4.3	1.5	940.0
CV	38.16	36.38	38.16	36.38	27.35	24.28	27.35
Bartlett's X2	7.012	8.046	7.012	8.047	5.441	4.513	5.441
P(Bartlett's X2)	0.428	0.329	0.428	0.329	0.606	0.719	0.606

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

University of Georgia

Weed Code	T. Cuc CUMSA	T. Cuc CUMSA	T. Cuc CUMSA	T. Cuc CUMSA	T. Cuc CUMSA	Squash CUUMA	Squash CUUMA
Crop Code	FRUMAR C	FRUMAR C	FRUMAR C	FRUMAR C	FRUMAR C	FRUIT C	FRUIT C
Part Rated	YIELD	CumYIELD	CumYIELD	CumYIELD	CumYIELD	YIELD	YIELD
Rating Data Type	lb/a	#/plot	lb/plot	#/a	lb/a	#/plot	lb/plot
Rating Unit	Oct-03-08					Sep-03-08	Sep-03-08
Rating Date	78 DA-A					48 DA-A	48 DA-A
Trt-Eval Interval							
Trt No.	Treatment Name	Rate	Rate	Rate	Rate	Rate	Rate
		Unit	Unit	Unit	Unit	Unit	Unit
106	107	108	109	110	111	112	
1	PicChlor 60 21 G LDPE Mulch No herbicide						
		1056 bc	139 ab	64 ab	30507 ab	13970 ab	6 a
2	PicChlor 60 21 G LDPE Mulch Eptam	2 PT/A					
		1731 a	179 a	82 a	39380 a	18077 a	6 a
3	PicChlor 60 21 G LDPE Mulch Eptam	3 PT/A					
		1489 ab	154 ab	69 ab	33953 ab	15121 ab	5 a
4	PicChlor 60 21 G LDPE Mulch Eptam	4 PT/A					
		931 bc	120 b	53 b	26400 b	11601 b	2 a
5	PicChlor 60 21 G Blockade Mulch No herbicide						
		1731 a	155 ab	73 ab	34100 ab	16009 ab	2 a
6	PicChlor 60 21 G Blockade Mulch Eptam	2 PT/A					
		1745 a	132 ab	57 ab	28967 ab	12430 ab	3 a
7	PicChlor 60 21 G Blockade Mulch Eptam	3 PT/A					
		1188 abc	126 b	55 ab	27793 b	12019 ab	2 a
8	PicChlor 60 21 G Blockade Mulch Eptam	4 PT/A					
		755 c	113 b	49 b	24860 b	10692 b	3 a
LSD (P=.05)		564.9	45.4	25.2	9991.6	5544.5	4.5
Standard Deviation		322.5	25.9	14.4	5705.0	3165.8	2.6
CV		24.28	18.56	23.04	18.56	23.04	70.79
Bartlett's X2		4.513	8.496	10.19	8.498	10.19	4.148
P(Bartlett's X2)		0.719	0.291	0.178	0.291	0.178	0.763

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

University of Georgia

Weed Code	Squash	Squash	Squash	Squash	Squash	Squash	Squash	Squash			
Crop Code	CUUMA	CUUMA	CUUMA	CUUMA	CUUMA	CUUMA	CUUMA	CUUMA			
Part Rated	FRUIT C	FRUIT C	FRUIT C	FRUIT C	FRUIT C	FRUIT C	FRUIT C	FRUIT C			
Rating Data Type	YIELD	YIELD	YIELD	YIELD	YIELD	YIELD	YIELD	YIELD			
Rating Unit	#/a	lb/a	#/plot	lb/plot	#/a	lb/a	#/plot	lb/plot			
Rating Date	Sep-03-08	Sep-03-08	Sep-05-08	Sep-05-08	Sep-05-08	Sep-05-08	Sep-08-08	Sep-08-08			
Trt-Eval Interval	48 DA-A	48 DA-A	50 DA-A	50 DA-A	50 DA-A	50 DA-A	53 DA-A	53 DA-A			
Trt No.	Treatment Name	Rate	Unit	113	114	115	116	117	118	119	120
1	PicChlor 60 21 G LDPE Mulch No herbicide			1393 a	161 a	4 ab	1 abc	953 ab	132 abc	11 ab	3 ab
2	PicChlor 60 21 G LDPE Mulch Eptam	2	PT/A	1247 a	176 a	6 a	1 a	1393 a	191 a	10 ab	5 a
3	PicChlor 60 21 G LDPE Mulch Eptam	3	PT/A	1027 a	132 a	2 b	0 c	440 b	37 c	13 a	4 ab
4	PicChlor 60 21 G LDPE Mulch Eptam	4	PT/A	513 a	44 a	4 ab	1 abc	953 ab	110 abc	6 b	2 b
5	PicChlor 60 21 G Blockade Mulch No herbicide			513 a	59 a	5 ab	1 abc	1027 ab	154 abc	10 ab	3 ab
6	PicChlor 60 21 G Blockade Mulch Eptam	2	PT/A	587 a	59 a	5 a	1 abc	1173 a	132 abc	6 b	3 ab
7	PicChlor 60 21 G Blockade Mulch Eptam	3	PT/A	513 a	44 a	6 a	1 ab	1320 a	176 ab	7 b	2 b
8	PicChlor 60 21 G Blockade Mulch Eptam	4	PT/A	660 a	59 a	2 b	0 bc	367 b	51 bc	10 ab	3 ab
LSD (P=.05)				1000.2	143.6	2.8	0.5	617.1	120.3	5.8	2.2
Standard Deviation				571.1	82.0	1.6	0.3	352.4	68.7	3.3	1.2
CV				70.79	89.47	36.96	55.91	36.96	55.91	36.55	39.14
Bartlett's X2				4.148	6.9	3.445	9.643	3.445	9.643	7.142	13.246
P(Bartlett's X2)				0.763	0.439	0.841	0.21	0.841	0.21	0.414	0.066

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

University of Georgia

Weed Code	Squash	Squash	Squash	Squash	Squash	Squash	Squash	Squash			
Crop Code	CUUMA	CUUMA	CUUMA	CUUMA	CUUMA	CUUMA	CUUMA	CUUMA			
Part Rated	FRUIT C	FRUIT C	FRUIT C	FRUIT C	FRUIT C	FRUIT C	FRUIT C	FRUIT C			
Rating Data Type	YIELD	YIELD	YIELD	YIELD	YIELD	YIELD	YIELD	YIELD			
Rating Unit	#/a	lb/a	#/plot	lb/plot	#/a	lb/a	#/plot	lb/plot			
Rating Date	Sep-08-08	Sep-08-08	Sep-10-08	Sep-10-08	Sep-10-08	Sep-10-08	Sep-12-08	Sep-12-08			
Trt-Eval Interval	53 DA-A	53 DA-A	55 DA-A	55 DA-A	55 DA-A	55 DA-A	57 DA-A	57 DA-A			
Trt No.	Treatment Name	Rate	Unit	121	122	123	124	125	126	127	128
1	PicChlor 60 21 G LDPE Mulch No herbicide			2420 ab	726 ab	17 a	6 a	3667 a	1217 a	16 ab	4 ab
2	PicChlor 60 21 G LDPE Mulch Eptam	2	PT/A	2127 ab	1063 a	22 a	7 a	4767 a	1489 a	12 ab	2 abc
3	PicChlor 60 21 G LDPE Mulch Eptam	3	PT/A	2933 a	895 ab	18 a	4 a	3887 a	880 a	13 ab	3 abc
4	PicChlor 60 21 G LDPE Mulch Eptam	4	PT/A	1247 b	447 b	17 a	5 a	3813 a	1085 a	10 ab	2 bc
5	PicChlor 60 21 G Blockade Mulch No herbicide			2273 ab	748 ab	14 a	4 a	3080 a	814 a	17 a	4 a
6	PicChlor 60 21 G Blockade Mulch Eptam	2	PT/A	1393 b	550 ab	15 a	5 a	3373 a	1181 a	12 ab	3 abc
7	PicChlor 60 21 G Blockade Mulch Eptam	3	PT/A	1467 b	469 b	18 a	6 a	4033 a	1261 a	8 b	2 abc
8	PicChlor 60 21 G Blockade Mulch Eptam	4	PT/A	2200 ab	660 ab	14 a	4 a	3080 a	858 a	11 ab	1 c
LSD (P=.05)				1285.1	476.3	11.0	3.5	2423.2	776.5	7.5	2.1
Standard Deviation				733.8	272.0	6.3	2.0	1383.6	443.4	4.3	1.2
CV				36.55	39.14	37.27	40.37	37.27	40.37	34.95	44.31
Bartlett's X2				7.142	13.246	5.893	4.928	5.893	4.928	2.498	8.066
P(Bartlett's X2)				0.414	0.066	0.552	0.669	0.552	0.669	0.927	0.327

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

University of Georgia

Weed Code	Squash	Squash	Squash	Squash	Squash	Squash	Squash	Squash	
Crop Code	CUUMA	CUUMA	CUUMA	CUUMA	CUUMA	CUUMA	CUUMA	CUUMA	
Part Rated	FRUIT C	FRUIT C	FRUIT C	FRUIT C	FRUIT C	FRUIT C	FRUIT C	FRUIT C	
Rating Data Type	YIELD	YIELD	YIELD	YIELD	YIELD	YIELD	YIELD	YIELD	
Rating Unit	#/a	lb/a	#/plot	lb/plot	#/a	lb/a	XL cuuma	#/plot	
Rating Date	Sep-12-08	Sep-12-08	Sep-15-08	Sep-15-08	Sep-15-08	Sep-15-08	Sep-15-08	Sep-17-08	
Trt-Eval Interval	57 DA-A	57 DA-A	60 DA-A	60 DA-A	60 DA-A	60 DA-A	60 DA-A	62 DA-A	
Trt No.	Treatment Name	Rate	Rate	Rate	Rate	Rate	Rate	Rate	
Trt No.	Treatment Name	Rate	Rate	Rate	Rate	Rate	Rate	Rate	
Trt No.	Treatment Name	Rate	Rate	Rate	Rate	Rate	Rate	Rate	
1	PicChlor 60 21 G LDPE Mulch No herbicide	3447 ab	917 ab	10 ab	3 ab	2200 ab	689 ab	8 ab	16 a
2	PicChlor 60 21 G LDPE Mulch Eptam 2 PT/A	2640 ab	484 abc	13 a	3 ab	2933 a	719 ab	4 abc	13 a
3	PicChlor 60 21 G LDPE Mulch Eptam 3 PT/A	2787 ab	711 abc	8 ab	2 ab	1833 ab	506 ab	3 bc	20 a
4	PicChlor 60 21 G LDPE Mulch Eptam 4 PT/A	2127 ab	433 bc	7 ab	2 ab	1540 ab	455 ab	5 abc	11 a
5	PicChlor 60 21 G Blockade Mulch No herbicide	3740 a	983 a	13 a	4 a	2933 a	821 a	5 abc	10 a
6	PicChlor 60 21 G Blockade Mulch Eptam 2 PT/A	2713 ab	587 abc	7 ab	2 ab	1613 ab	389 ab	4 abc	13 a
7	PicChlor 60 21 G Blockade Mulch Eptam 3 PT/A	1687 b	484 abc	5 ab	2 ab	1100 ab	403 ab	9 a	12 a
8	PicChlor 60 21 G Blockade Mulch Eptam 4 PT/A	2420 ab	220 c	3 b	1 b	660 b	271 b	2 c	20 a
LSD (P=.05)		1649.5	467.4	8.6	2.1	1882.2	469.0	4.1	12.2
Standard Deviation		941.8	266.9	4.9	1.2	1074.7	267.8	2.4	6.9
CV		34.95	44.31	58.04	50.37	58.04	50.37	46.41	48.28
Bartlett's X2		2.498	8.066	5.132	6.38	5.132	6.38	7.421	3.504
P(Bartlett's X2)		0.927	0.327	0.644	0.496	0.644	0.496	0.386	0.835

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

University of Georgia

Weed Code	Squash	Squash	Squash	Squash	Squash	Squash	Squash	Squash									
Crop Code	CUUMA	CUUMA	CUUMA	CUUMA	CUUMA	CUUMA	CUUMA	CUUMA									
Part Rated	FRUIT C	FRUIT C	FRUIT C	FRUIT C	FRUIT C	FRUIT C	FRUIT C	FRUIT C									
Rating Data Type	YIELD	YIELD	YIELD	YIELD	YIELD	YIELD	YIELD	YIELD									
Rating Unit	lb/plot	#/a	lb/a	#/plot	lb/plot	#/a	lb/a	#/plot									
Rating Date	Sep-17-08	Sep-17-08	Sep-17-08	Sep-19-08	Sep-19-08	Sep-19-08	Sep-19-08	Sep-22-08									
Trt-Eval Interval	62 DA-A	62 DA-A	62 DA-A	64 DA-A	64 DA-A	64 DA-A	64 DA-A	67 DA-A									
Trt No.	Treatment Name	Rate	Unit	137	138	139	140	141	142	143	144						
1	PicChlor 60 21 G LDPE Mulch No herbicide	4	a	3447	a	924	a	15	ab	3	a	3300	ab	748	a	21	a
2	PicChlor 60 21 G LDPE Mulch Eptam	2	PT/A	2933	a	821	a	12	ab	3	a	2567	ab	726	a	25	a
3	PicChlor 60 21 G LDPE Mulch Eptam	3	PT/A	4327	a	887	a	12	ab	3	a	2567	ab	682	a	19	a
4	PicChlor 60 21 G LDPE Mulch Eptam	4	PT/A	2493	a	521	a	16	ab	3	a	3447	ab	645	a	18	a
5	PicChlor 60 21 G Blockade Mulch No herbicide	2	a	2127	a	418	a	14	ab	4	a	3080	ab	843	a	23	a
6	PicChlor 60 21 G Blockade Mulch Eptam	2	PT/A	2860	a	895	a	21	a	4	a	4547	a	975	a	17	a
7	PicChlor 60 21 G Blockade Mulch Eptam	3	PT/A	2713	a	821	a	6	b	1	a	1393	b	293	a	22	a
8	PicChlor 60 21 G Blockade Mulch Eptam	4	PT/A	4400	a	1269	a	12	ab	3	a	2713	ab	557	a	17	a
LSD (P=.05)		3.5		2673.9		764.7		10.6		2.8		2331.1		615.8		8.6	
Standard Deviation		2.0		1526.8		436.6		6.0		1.6		1331.0		351.6		4.9	
CV		53.28		48.28		53.28		45.09		51.42		45.09		51.42		24.33	
Bartlett's X2		10.036		3.504		10.036		4.611		3.518		4.611		3.518		7.382	
P(Bartlett's X2)		0.187		0.835		0.187		0.707		0.833		0.707		0.833		0.39	

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

University of Georgia

Weed Code	Squash	Squash	Squash	Squash	Squash	Squash	Squash	Squash			
Crop Code	CUUMA	CUUMA	CUUMA	CUUMA	CUUMA	CUUMA	CUUMA	CUUMA			
Part Rated	FRUIT C	FRUIT C	FRUIT C	FRUIT C	FRUIT C	FRUIT C	FRUIT C	FRUIT C			
Rating Data Type	YIELD	YIELD	YIELD	YIELD	YIELD	YIELD	YIELD	YIELD			
Rating Unit	lb/plot	#/a	lb/a	#/plot	lb/plot	#/a	lb/a	#/plot			
Rating Date	Sep-22-08	Sep-22-08	Sep-22-08	Sep-24-08	Sep-24-08	Sep-24-08	Sep-24-08	Sep-26-08			
Trt-Eval Interval	67 DA-A	67 DA-A	67 DA-A	69 DA-A	69 DA-A	69 DA-A	69 DA-A	71 DA-A			
Trt No.	Treatment Name	Rate	Unit	145	146	147	148	149	150	151	152
1	PicChlor 60 21 G LDPE Mulch No herbicide	6	c	4693 a	1217 c	14 a	3 a	3080 a	697 a	13 ab	
2	PicChlor 60 21 G LDPE Mulch Eptam	2	PT/A	5573 a	2229 a	15 a	3 a	3373 a	719 a	12 ab	
3	PicChlor 60 21 G LDPE Mulch Eptam	3	PT/A	4253 a	2024 ab	15 a	4 a	3227 a	799 a	6 b	
4	PicChlor 60 21 G LDPE Mulch Eptam	4	PT/A	3887 a	1225 c	17 a	4 a	3813 a	931 a	15 ab	
5	PicChlor 60 21 G Blockade Mulch No herbicide	7	bc	4987 a	1474 bc	13 a	3 a	2787 a	609 a	18 ab	
6	PicChlor 60 21 G Blockade Mulch Eptam	2	PT/A	3813 a	1137 c	12 a	3 a	2567 a	711 a	16 ab	
7	PicChlor 60 21 G Blockade Mulch Eptam	3	PT/A	4840 a	1401 bc	14 a	2 a	3080 a	543 a	22 a	
8	PicChlor 60 21 G Blockade Mulch Eptam	4	PT/A	3667 a	1511 bc	20 a	5 a	4327 a	1100 a	15 ab	
LSD (P=.05)		3.0		1902.5	658.2	11.2	3.1	2470.7	680.9	13.4	
Standard Deviation		1.7		1086.3	375.8	6.4	1.8	1410.7	388.8	7.7	
CV		24.61		24.33	24.61	42.99	50.92	42.99	50.92	52.62	
Bartlett's X2		3.752		7.382	3.752	2.977	2.726	2.977	2.726	7.279	
P(Bartlett's X2)		0.808		0.39	0.808	0.887	0.909	0.887	0.909	0.40	

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

University of Georgia

Weed Code	Squash	Squash	Squash	Squash	Squash	Squash	Squash	Squash	CUUMA								
Crop Code	CUUMA	CUUMA	CUUMA	CUUMA	CUUMA	CUUMA	CUUMA	CUUMA	CUUMA								
Part Rated	FRUIT C	FRUIT C	FRUIT C	FRUIT C	FRUIT C	FRUIT C	FRUIT C	FRUIT C	FRUIT C								
Rating Data Type	YIELD	YIELD	YIELD	YIELD	YIELD	YIELD	YIELD	YIELD	CumYIELD								
Rating Unit	lb/plot	#/a	lb/a	#/plot	lb/plot	#/a	lb/a	#/a	#/plot								
Rating Date	Sep-26-08	Sep-26-08	Sep-26-08	Sep-29-08	Sep-29-08	Sep-29-08	Sep-29-08	Sep-29-08									
Trt-Eval Interval	71 DA-A	71 DA-A	71 DA-A	74 DA-A	74 DA-A	74 DA-A	74 DA-A	74 DA-A									
Trt No.	Treatment Name	Rate	Unit	153	154	155	156	157	158	159	160						
1	PicChlor 60 21 G LDPE Mulch No herbicide	4	a	2933	ab	953	a	31	a	11	a	6820	a	2317	a	174	a
2	PicChlor 60 21 G LDPE Mulch Eptam	2	a	2567	ab	469	a	22	ab	7	abc	4840	ab	1635	abc	168	a
3	PicChlor 60 21 G LDPE Mulch Eptam	1	a	1247	b	293	a	27	ab	7	abc	5940	ab	1591	abc	157	a
4	PicChlor 60 21 G LDPE Mulch Eptam	2	a	3227	ab	543	a	17	b	4	c	3740	b	829	c	140	a
5	PicChlor 60 21 G Blockade Mulch No herbicide	4	a	4033	ab	953	a	28	a	9	ab	6233	a	2024	ab	167	a
6	PicChlor 60 21 G Blockade Mulch Eptam	4	a	3520	ab	821	a	29	a	7	abc	6380	a	1613	abc	157	a
7	PicChlor 60 21 G Blockade Mulch Eptam	4	a	4840	a	917	a	27	ab	8	abc	5867	ab	1687	abc	149	a
8	PicChlor 60 21 G Blockade Mulch Eptam	3	a	3227	ab	601	a	23	ab	6	bc	4987	ab	1349	bc	149	a
LSD (P=.05)		2.7		2948.2		595.5		9.6		3.6		2109.6		787.6		36.8	
Standard Deviation		1.5		1683.4		340.0		5.5		2.0		1204.5		449.7		21.0	
CV		49.0		52.62		49.0		21.51		27.58		21.51		27.58		13.34	
Bartlett's X2		7.502		7.279		7.502		3.403		2.377		3.403		2.377		3.986	
P(Bartlett's X2)		0.379		0.40		0.379		0.845		0.936		0.845		0.936		0.781	

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

University of Georgia

Weed Code	CUUMA FRUIT C	CUUMA FRUIT C	CUUMA FRUIT C	S. Cuc CUMSA	S. Cuc CUMSA	S. Cuc CUMSA	S. Cuc CUMSA
Crop Code	FRUIT C	FRUIT C	FRUIT C	FRUMAR C	FRUMAR C	FRUMAR C	FRUMAR C
Part Rated							
Rating Data Type	CumYIELD	CumYIELD	CumYIELD	YIELD	YIELD	YIELD	YIELD
Rating Unit	lb/plot	#/a	lb/a	#/plot	lb/plot	#/a	lb/a
Rating Date				Sep-15-08	Sep-15-08	Sep-15-08	Sep-15-08
Trt-Eval Interval				60 DA-A	60 DA-A	60 DA-A	60 DA-A
Trt No.	161	162	163	164	165	166	167
Treatment Name							
Rate							
Unit							
1 PicChlor 60 21 G LDPE Mulch No herbicide	49 a	38353 a	10699 a	6 a	3 ab	1393 a	733 ab
2 PicChlor 60 21 G LDPE Mulch Eptam	49 a	36960 a	10721 a	9 a	4 a	1980 a	970 a
3 PicChlor 60 21 G LDPE Mulch Eptam	43 ab	34467 a	9438 ab	5 a	3 ab	1173 a	572 ab
4 PicChlor 60 21 G LDPE Mulch Eptam	33 b	30800 a	7267 b	5 a	2 ab	1027 a	440 ab
5 PicChlor 60 21 G Blockade Mulch No herbicide	45 a	36813 a	9900 a	6 a	3 ab	1320 a	660 ab
6 PicChlor 60 21 G Blockade Mulch Eptam	41 ab	34540 a	9049 ab	3 a	1 b	587 a	227 b
7 PicChlor 60 21 G Blockade Mulch Eptam	39 ab	32853 a	8499 ab	4 a	2 ab	880 a	337 ab
8 PicChlor 60 21 G Blockade Mulch Eptam	39 ab	32707 a	8507 ab	3 a	1 ab	660 a	286 ab
LSD (P=.05)	9.2	8103.9	2021.3	5.6	2.9	1238.3	641.9
Standard Deviation	5.2	4627.1	1154.1	3.2	1.7	702.1	364.0
CV	12.46	13.34	12.46	62.27	68.91	62.27	68.91
Bartlett's X2	5.051	3.986	5.051	5.687	8.874	5.687	8.874
P(Bartlett's X2)	0.654	0.781	0.654	0.577	0.262	0.577	0.262

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

University of Georgia

Weed Code	S. Cuc	S. Cuc	S. Cuc	S. Cuc	S. Cuc	S. Cuc	S. Cuc
Crop Code	CUMSA	CUMSA	CUMSA	CUMSA	CUMSA	CUMSA	CUMSA
Part Rated	FRUMAR C	FRUMAR C	FRUMAR C	FRUMAR C	FRUMAR C	FRUMAR C	FRUMAR C
Rating Data Type	YIELD	YIELD	YIELD	YIELD	YIELD	YIELD	YIELD
Rating Unit	#/plot	lb/plot	#/a	lb/a	#/plot	lb/plot	#/a
Rating Date	Sep-17-08	Sep-17-08	Sep-17-08	Sep-17-08	Sep-19-08	Sep-19-08	Sep-19-08
Trt-Eval Interval	62 DA-A	62 DA-A	62 DA-A	62 DA-A	64 DA-A	64 DA-A	64 DA-A
Trt No.	168	169	170	171	172	173	174
Treatment Name							
Rate							
Unit							
1 PicChlor 60 21 G LDPE Mulch No herbicide	7 bc	3 b	1467 bc	623 b	16 a	7 a	3520 a
2 PicChlor 60 21 G LDPE Mulch Eptam 2 PT/A	15 a	7 a	3206 a	1592 a	22 a	10 a	4788 a
3 PicChlor 60 21 G LDPE Mulch Eptam 3 PT/A	7 bc	4 b	1540 bc	785 b	20 a	9 a	4327 a
4 PicChlor 60 21 G LDPE Mulch Eptam 4 PT/A	6 bc	2 b	1247 bc	491 b	20 a	8 a	4400 a
5 PicChlor 60 21 G Blockade Mulch No herbicide	7 bc	3 b	1540 bc	601 b	14 a	6 a	3007 a
6 PicChlor 60 21 G Blockade Mulch Eptam 2 PT/A	11 ab	4 b	2420 ab	843 b	15 a	6 a	3227 a
7 PicChlor 60 21 G Blockade Mulch Eptam 3 PT/A	4 c	2 b	807 c	367 b	20 a	8 a	4327 a
8 PicChlor 60 21 G Blockade Mulch Eptam 4 PT/A	6 bc	2 b	1320 bc	513 b	12 a	5 a	2567 a
LSD (P=.05)	6.2	2.1	1369.8	454.1	11.0	5.2	2418.2
Standard Deviation	3.5	1.2	776.7	257.5	6.2	2.9	1371.1
CV	45.87	35.42	45.87	35.42	36.37	40.39	36.37
Bartlett's X2	8.093	12.027	8.093	12.027	5.304	3.84	5.304
P(Bartlett's X2)	0.231	0.10	0.231	0.10	0.623	0.798	0.623

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

University of Georgia

Weed Code	S. Cuc CUMSA	S. Cuc CUMSA	S. Cuc CUMSA	S. Cuc CUMSA	S. Cuc CUMSA	S. Cuc CUMSA	S. Cuc CUMSA
Crop Code	FRUMAR C	FRUMAR C	FRUMAR C	FRUMAR C	FRUMAR C	FRUMAR C	FRUMAR C
Part Rated	YIELD	YIELD	YIELD	YIELD	YIELD	YIELD	YIELD
Rating Data Type	lb/a	#/plot	lb/plot	#/a	lb/a	#/plot	lb/plot
Rating Unit	Sep-19-08	Sep-22-08	Sep-22-08	Sep-22-08	Sep-22-08	Sep-24-08	Sep-24-08
Rating Date	64 DA-A	67 DA-A	67 DA-A	67 DA-A	67 DA-A	69 DA-A	69 DA-A
Trt-Eval Interval							
Trt No.	175	176	177	178	179	180	181
Treatment Name							
Rate							
Unit							
1 PicChlor 60 21 G LDPE Mulch No herbicide	1452 a	19 a	10 a	4180 a	2229 a	13 a	6 a
2 PicChlor 60 21 G LDPE Mulch Eptam 2 PT/A	2107 a	16 ab	8 ab	3604 ab	1828 ab	9 a	4 a
3 PicChlor 60 21 G LDPE Mulch Eptam 3 PT/A	1951 a	18 ab	11 a	4033 ab	2339 a	6 a	3 a
4 PicChlor 60 21 G LDPE Mulch Eptam 4 PT/A	1731 a	13 ab	7 ab	2933 ab	1635 ab	14 a	8 a
5 PicChlor 60 21 G Blockade Mulch No herbicide	1379 a	13 ab	7 ab	2933 ab	1628 ab	9 a	4 a
6 PicChlor 60 21 G Blockade Mulch Eptam 2 PT/A	1335 a	11 b	5 b	2420 b	1166 b	13 a	5 a
7 PicChlor 60 21 G Blockade Mulch Eptam 3 PT/A	1716 a	12 ab	6 ab	2640 ab	1379 ab	10 a	4 a
8 PicChlor 60 21 G Blockade Mulch Eptam 4 PT/A	1071 a	12 ab	6 b	2567 ab	1217 b	7 a	4 a
LSD (P=.05)	1134.3	6.8	4.0	1501.1	882.2	8.5	4.2
Standard Deviation	643.2	3.9	2.3	851.1	500.2	4.8	2.4
CV	40.39	26.9	29.81	26.9	29.81	47.5	48.43
Bartlett's X2	3.84	10.011	8.631	10.011	8.631	5.31	2.728
P(Bartlett's X2)	0.798	0.188	0.28	0.188	0.28	0.622	0.909

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

University of Georgia

Weed Code	S. Cuc	S. Cuc	S. Cuc	S. Cuc	S. Cuc	S. Cuc	S. Cuc
Crop Code	CUMSA	CUMSA	CUMSA	CUMSA	CUMSA	CUMSA	CUMSA
Part Rated	FRUMAR C	FRUMAR C	FRUMAR C	FRUMAR C	FRUMAR C	FRUMAR C	FRUMAR C
Rating Data Type	YIELD	YIELD	YIELD	YIELD	YIELD	YIELD	YIELD
Rating Unit	#/a	lb/a	#/plot	lb/plot	#/a	lb/a	#/plot
Rating Date	Sep-24-08	Sep-24-08	Sep-26-08	Sep-26-08	Sep-26-08	Sep-26-08	Sep-29-08
Trt-Eval Interval	69 DA-A	69 DA-A	71 DA-A	71 DA-A	71 DA-A	71 DA-A	74 DA-A
Trt No.	182	183	184	185	186	187	188
Treatment Name							
Rate							
Unit							
1 PicChlor 60 21 G LDPE Mulch No herbicide	2787 a	1415 a	18 a	7 a	3960 a	1562 a	19 a
2 PicChlor 60 21 G LDPE Mulch Eptam 2 PT/A	1938 a	796 a	21 a	8 a	4636 a	1691 a	28 a
3 PicChlor 60 21 G LDPE Mulch Eptam 3 PT/A	1393 a	719 a	13 a	5 a	2860 a	1129 a	20 a
4 PicChlor 60 21 G LDPE Mulch Eptam 4 PT/A	3153 a	1694 a	13 a	6 a	2860 a	1393 a	27 a
5 PicChlor 60 21 G Blockade Mulch No herbicide	2053 a	924 a	11 a	5 a	2420 a	1027 a	23 a
6 PicChlor 60 21 G Blockade Mulch Eptam 2 PT/A	2787 a	1203 a	15 a	6 a	3300 a	1349 a	21 a
7 PicChlor 60 21 G Blockade Mulch Eptam 3 PT/A	2200 a	902 a	15 a	7 a	3373 a	1430 a	20 a
8 PicChlor 60 21 G Blockade Mulch Eptam 4 PT/A	1613 a	946 a	17 a	8 a	3667 a	1767 a	20 a
LSD (P=.05)	1877.0	918.1	11.7	4.9	2570.4	1067.4	12.3
Standard Deviation	1064.3	520.6	6.6	2.8	1457.5	605.2	7.0
CV	47.5	48.43	43.06	42.66	43.06	42.66	31.48
Bartlett's X2	5.31	2.728	5.071	7.814	5.071	7.814	8.612
P(Bartlett's X2)	0.622	0.909	0.651	0.349	0.651	0.349	0.282

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

University of Georgia

Weed Code	S. Cuc	S. Cuc	S. Cuc	S. Cuc	S. Cuc	S. Cuc	S. Cuc
Crop Code	CUMSA	CUMSA	CUMSA	CUMSA	CUMSA	CUMSA	CUMSA
Part Rated	FRUMAR C	FRUMAR C	FRUMAR C	FRUMAR C	FRUMAR C	FRUMAR C	FRUMAR C
Rating Data Type	YIELD	YIELD	YIELD	YIELD	YIELD	YIELD	YIELD
Rating Unit	lb/plot	#/a	lb/a	#/plot	lb/plot	#/a	lb/a
Rating Date	Sep-29-08	Sep-29-08	Sep-29-08	Oct-01-08	Oct-01-08	Oct-01-08	Oct-01-08
Trt-Eval Interval	74 DA-A	74 DA-A	74 DA-A	76 DA-A	76 DA-A	76 DA-A	76 DA-A
Trt No.	189	190	191	192	193	194	195
Treatment Name							
Rate							
Unit							
1 PicChlor 60 21 G LDPE Mulch No herbicide	8 a	4107 a	1789 a	12 a	5 a	2713 a	1100 a
2 PicChlor 60 21 G LDPE Mulch Eptam 2 PT/A	13 a	6050 a	2887 a	13 a	6 a	2818 a	1337 a
3 PicChlor 60 21 G LDPE Mulch Eptam 3 PT/A	10 a	4327 a	2090 a	18 a	6 a	3960 a	1423 a
4 PicChlor 60 21 G LDPE Mulch Eptam 4 PT/A	12 a	5940 a	2559 a	10 a	4 a	2127 a	814 a
5 PicChlor 60 21 G Blockade Mulch No herbicide	10 a	5133 a	2244 a	14 a	4 a	3007 a	975 a
6 PicChlor 60 21 G Blockade Mulch Eptam 2 PT/A	10 a	4693 a	2193 a	12 a	5 a	2713 a	1063 a
7 PicChlor 60 21 G Blockade Mulch Eptam 3 PT/A	9 a	4400 a	1885 a	14 a	5 a	3080 a	1203 a
8 PicChlor 60 21 G Blockade Mulch Eptam 4 PT/A	8 a	4400 a	1775 a	13 a	5 a	2787 a	1078 a
LSD (P=.05)	5.2	2709.8	1143.9	10.2	3.9	2245.9	865.1
Standard Deviation	2.9	1536.5	648.6	5.8	2.2	1273.4	490.5
CV	29.78	31.48	29.78	43.9	43.63	43.9	43.63
Bartlett's X2	9.361	8.612	9.361	4.873	6.005	4.873	6.005
P(Bartlett's X2)	0.228	0.282	0.228	0.675	0.539	0.675	0.539

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

University of Georgia

Weed Code	S. Cuc CUMSA	S. Cuc CUMSA	S. Cuc CUMSA	S. Cuc CUMSA	S. Cuc CUMSA	S. Cuc CUMSA	S. Cuc CUMSA			
Crop Code	FRUMAR C	FRUMAR C	FRUMAR C	FRUMAR C	FRUMAR C	FRUMAR C	FRUMAR C			
Part Rated										
Rating Data Type	YIELD	YIELD	YIELD	YIELD	YIELD	YIELD	YIELD			
Rating Unit	#/plot	lb/plot	#/a	lb/a	#/plot	lb/plot	#/a			
Rating Date	Oct-03-08	Oct-03-08	Oct-03-08	Oct-03-08	Oct-06-08	Oct-06-08	Oct-06-08			
Trt-Eval Interval	78 DA-A	78 DA-A	78 DA-A	78 DA-A	81 DA-A	81 DA-A	81 DA-A			
Trt No.	Treatment Name	Rate	Unit	196	197	198	199	200	201	202
1	PicChlor 60 21 G LDPE Mulch No herbicide			9 ab	4 a	1980 ab	799 a	12 ab	6 ab	2640 ab
2	PicChlor 60 21 G LDPE Mulch Eptam	2	PT/A	7 b	3 a	1640 b	707 a	8 ab	4 ab	1797 ab
3	PicChlor 60 21 G LDPE Mulch Eptam	3	PT/A	12 ab	5 a	2640 ab	1188 a	11 ab	5 ab	2493 ab
4	PicChlor 60 21 G LDPE Mulch Eptam	4	PT/A	14 ab	5 a	3153 ab	1166 a	13 ab	5 ab	2787 ab
5	PicChlor 60 21 G Blockade Mulch No herbicide			11 ab	4 a	2347 ab	851 a	10 ab	5 ab	2273 ab
6	PicChlor 60 21 G Blockade Mulch Eptam	2	PT/A	16 a	5 a	3447 a	1188 a	14 ab	5 ab	3007 ab
7	PicChlor 60 21 G Blockade Mulch Eptam	3	PT/A	13 ab	5 a	2933 ab	1056 a	6 b	3 b	1320 b
8	PicChlor 60 21 G Blockade Mulch Eptam	4	PT/A	13 ab	5 a	2787 ab	1085 a	18 a	8 a	3887 a
LSD (P=.05)				6.7	2.5	1470.3	560.1	8.5	3.8	1878.1
Standard Deviation				3.8	1.4	833.7	317.6	4.8	2.1	1064.9
CV				31.87	31.6	31.87	31.6	42.17	43.19	42.17
Bartlett's X2				6.374	7.903	6.374	7.903	10.626	11.646	10.626
P(Bartlett's X2)				0.497	0.341	0.497	0.341	0.156	0.113	0.156

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

University of Georgia

Weed Code	S. Cuc CUMSA	S. Cuc CUMSA	S. Cuc CUMSA	S. Cuc CUMSA	S. Cuc CUMSA	S. Cuc CUMSA	S. Cuc CUMSA				
Crop Code	FRUMAR C	FRUMAR C	FRUMAR C	FRUMAR C	FRUMAR C	FRUMAR C	FRUMAR C				
Part Rated	YIELD	YIELD	YIELD	YIELD	YIELD	YIELD	YIELD				
Rating Data Type	lb/a	#/plot	lb/plot	#/a	lb/a	#/plot	lb/plot				
Rating Unit	Oct-06-08	Oct-08-08	Oct-08-08	Oct-08-08	Oct-08-08	Oct-10-08	Oct-10-08				
Rating Date	81 DA-A	83 DA-A	83 DA-A	83 DA-A	83 DA-A	85 DA-A	85 DA-A				
Trt-Eval Interval	Trt No.	Treatment Name	Rate	Unit	203	204	205	206	207	208	209
1	PicChlor 60 21 G LDPE Mulch No herbicide	1210 ab	12 a	5 a	2567 a	1071 a	6 a	2 a			
2	PicChlor 60 21 G LDPE Mulch Eptam 2 PT/A	881 ab	13 a	5 a	2902 a	1033 a	3 a	1 a			
3	PicChlor 60 21 G LDPE Mulch Eptam 3 PT/A	1085 ab	12 a	4 a	2640 a	939 a	2 a	1 a			
4	PicChlor 60 21 G LDPE Mulch Eptam 4 PT/A	1107 ab	13 a	6 a	2860 a	1210 a	6 a	2 a			
5	PicChlor 60 21 G Blockade Mulch No herbicide	997 ab	17 a	5 a	3667 a	1181 a	3 a	1 a			
6	PicChlor 60 21 G Blockade Mulch Eptam 2 PT/A	1203 ab	12 a	4 a	2713 a	946 a	5 a	2 a			
7	PicChlor 60 21 G Blockade Mulch Eptam 3 PT/A	594 b	13 a	6 a	2787 a	1239 a	6 a	2 a			
8	PicChlor 60 21 G Blockade Mulch Eptam 4 PT/A	1672 a	11 a	4 a	2420 a	953 a	3 a	1 a			
LSD (P=.05)		833.1	8.0	2.9	1758.0	639.1	5.6	1.9			
Standard Deviation		472.4	4.5	1.6	996.8	362.4	3.2	1.1			
CV		43.19	35.36	33.82	35.36	33.82	76.21	73.62			
Bartlett's X2		11.646	4.57	4.649	4.57	4.649	8.879	11.448			
P(Bartlett's X2)		0.113	0.712	0.703	0.712	0.703	0.261	0.12			

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

University of Georgia

Weed Code	S. Cuc CUMSA	S. Cuc CUMSA	CUMSA	CUMSA	CUMSA	CUMSA	CPSAN
Crop Code	FRUMAR C	FRUMAR C	FRUMAR C	FRUMAR C	FRUMAR C	FRUMAR C	FRUMAR C
Part Rated	YIELD	YIELD	CumYIELD	CumYIELD	CumYIELD	CumYIELD	YIELD
Rating Data Type	#/a	lb/a	#/plot	lb/plot	#/a	lb/a	#/plot
Rating Unit	Oct-10-08	Oct-10-08					Oct-13-08
Rating Date	85 DA-A	85 DA-A					88 DA-A
Trt-Eval Interval							
Trt No.	210	211	212	213	214	215	216
Treatment Name							
Rate							
Unit							
1 PicChlor 60 21 G LDPE Mulch No herbicide	1320 a	491 a	148 a	66 a	32633 a	14476 a	29 a
2 PicChlor 60 21 G LDPE Mulch Eptam 2 PT/A	587 a	188 a	163 a	73 a	35944 a	16015 a	25 a
3 PicChlor 60 21 G LDPE Mulch Eptam 3 PT/A	367 a	110 a	144 a	65 a	31753 a	14329 a	35 a
4 PicChlor 60 21 G LDPE Mulch Eptam 4 PT/A	1393 a	484 a	154 a	67 a	33880 a	14725 a	18 a
5 PicChlor 60 21 G Blockade Mulch No herbicide	660 a	213 a	138 a	58 a	30360 a	12679 a	32 a
6 PicChlor 60 21 G Blockade Mulch Eptam 2 PT/A	1100 a	418 a	147 a	60 a	32413 a	13134 a	28 a
7 PicChlor 60 21 G Blockade Mulch Eptam 3 PT/A	1320 a	447 a	137 a	57 a	30067 a	12555 a	18 a
8 PicChlor 60 21 G Blockade Mulch Eptam 4 PT/A	587 a	220 a	133 a	57 a	29260 a	12584 a	30 a
LSD (P=.05)	1232.1	417.3	33.8	14.1	7426.1	3097.0	31.1
Standard Deviation	698.6	236.6	19.1	8.0	4210.7	1756.0	17.7
CV	76.21	73.62	13.14	12.71	13.14	12.71	65.77
Bartlett's X2	8.879	11.448	3.765	2.33	3.765	2.33	5.511
P(Bartlett's X2)	0.261	0.12	0.806	0.939	0.806	0.939	0.598

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

University of Georgia

Weed Code	CPSAN	CPSAN	CPSAN	CPSAN	CPSAN	CPSAN	CPSAN
Crop Code	FRUMAR C	FRUMAR C	FRUMAR C	FRUMAR C	FRUMAR C	FRUMAR C	FRUMAR C
Part Rated	YIELD	YIELD	YIELD	YIELD	YIELD	YIELD	YIELD
Rating Data Type	lb/plot	#/a	lb/a	#/plot	lb/plot	#/a	lb/a
Rating Unit	Oct-13-08	Oct-13-08	Oct-13-08	Oct-20-08	Oct-20-08	Oct-20-08	Oct-20-08
Rating Date	88 DA-A	88 DA-A	88 DA-A	95 DA-A	95 DA-A	95 DA-A	95 DA-A
Trt-Eval Interval							
Trt No.	217	218	219	220	221	222	223
Treatment Name							
Rate							
Unit							
1 PicChlor 60 21 G LDPE Mulch No herbicide	13 a	6380 a	2757 a	50 a	17 a	10927 a	3813 a
2 PicChlor 60 21 G LDPE Mulch Eptam	11 a	5573 a	2317 a	43 a	15 a	9460 a	3366 a
3 PicChlor 60 21 G LDPE Mulch Eptam	15 a	7773 a	3285 a	31 a	12 a	6893 a	2625 a
4 PicChlor 60 21 G LDPE Mulch Eptam	7 a	4033 a	1562 a	42 a	14 a	9240 a	3139 a
5 PicChlor 60 21 G Blockade Mulch No herbicide	12 a	7113 a	2699 a	44 a	14 a	9753 a	3080 a
6 PicChlor 60 21 G Blockade Mulch Eptam	11 a	6087 a	2398 a	26 a	9 a	5793 a	2017 a
7 PicChlor 60 21 G Blockade Mulch Eptam	7 a	3887 a	1481 a	23 a	8 a	4987 a	1731 a
8 PicChlor 60 21 G Blockade Mulch Eptam	12 a	6600 a	2633 a	42 a	15 a	9167 a	3271 a
LSD (P=.05)	12.8	6831.8	2822.2	32.3	9.6	7110.5	2114.5
Standard Deviation	7.3	3900.8	1611.4	18.5	5.5	4059.9	1207.3
CV	67.38	65.77	67.38	49.05	41.92	49.05	41.92
Bartlett's X2	4.885	5.511	4.885	10.726	8.312	10.726	8.312
P(Bartlett's X2)	0.674	0.598	0.674	0.151	0.306	0.151	0.306

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

University of Georgia

Weed Code	CPSAN	CPSAN	CPSAN	CPSAN	CPSAN	CPSAN	CPSAN			
Crop Code	FRUMAR C	FRUMAR C	FRUMAR C	FRUMAR C	FRUMAR C	FRUMAR C	FRUMAR C			
Part Rated										
Rating Data Type	YIELD	YIELD	YIELD	YIELD	YIELD	YIELD	YIELD			
Rating Unit	#/plot	lb/plot	#/a	lb/a	#/plot	lb/plot	#/a			
Rating Date	Oct-27-08	Oct-27-08	Oct-27-08	Oct-27-08	Nov-05-08	Nov-05-08	Nov-05-08			
Trt-Eval Interval	102 DA-A	102 DA-A	102 DA-A	102 DA-A	111 DA-A	111 DA-A	111 DA-A			
Trt No.	Treatment Name	Rate	Unit	224	225	226	227	228	229	230
1	PicChlor 60 21 G LDPE Mulch No herbicide			38 a	14 a	8433 a	2970 a	20 abc	7 bc	4400 abc
2	PicChlor 60 21 G LDPE Mulch Eptam	2	PT/A	43 a	14 a	9387 a	2985 a	18 bc	7 bc	3887 bc
3	PicChlor 60 21 G LDPE Mulch Eptam	3	PT/A	46 a	17 a	10193 a	3696 a	24 ab	9 ab	5207 ab
4	PicChlor 60 21 G LDPE Mulch Eptam	4	PT/A	31 a	10 a	6893 a	2295 a	13 c	4 c	2787 c
5	PicChlor 60 21 G Blockade Mulch No herbicide			44 a	15 a	9607 a	3381 a	29 a	10 a	6307 a
6	PicChlor 60 21 G Blockade Mulch Eptam	2	PT/A	55 a	19 a	12100 a	4195 a	24 ab	8 ab	5207 ab
7	PicChlor 60 21 G Blockade Mulch Eptam	3	PT/A	34 a	11 a	7480 a	2376 a	19 bc	6 bc	4107 bc
8	PicChlor 60 21 G Blockade Mulch Eptam	4	PT/A	32 a	11 a	7040 a	2383 a	18 bc	7 bc	4033 bc
LSD (P=.05)				22.2	7.7	4880.0	1693.8	8.3	2.8	1826.5
Standard Deviation				12.7	4.4	2786.4	967.1	4.7	1.6	1042.9
CV				31.34	31.87	31.34	31.86	23.22	22.68	23.22
Bartlett's X2				8.149	8.069	8.149	8.069	0.731	0.871	0.731
P(Bartlett's X2)				0.32	0.327	0.32	0.327	0.998	0.997	0.998

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

University of Georgia

Weed Code	CPSAN	CPSAN	CPSAN	CPSAN	CPSAN	BRSOL	BRSOL	
Crop Code	FRUMAR C	FRUMAR C	FRUMAR C	FRUMAR C	FRUMAR C	FRUMAR C	FRUMAR C	
Part Rated	YIELD	CumYIELD	CumYIELD	CumYIELD	CumYIELD	YIELD	YIELD	
Rating Data Type	lb/a	#/plot	lb/plot	#/a	lb/a	#/plot	lb/plot	
Rating Unit	Nov-05-08					Oct-07-08	Oct-07-08	
Rating Date	111 DA-A					82 DA-A	82 DA-A	
Trt-Eval Interval								
Trt No.	Treatment Name	Rate	Rate	Rate	Rate	Rate	Rate	
		Unit	Unit	Unit	Unit	Unit	Unit	
		231	232	233	234	235	236	
1	PicChlor 60 21 G LDPE Mulch No herbicide	1518 bc	137 a	50 a	30140 a	11059 a	3 ab	7 ab
2	PicChlor 60 21 G LDPE Mulch Eptam	1430 bc	129 a	46 a	28307 a	10098 a	2 ab	4 ab
3	PicChlor 60 21 G LDPE Mulch Eptam	1921 ab	137 a	52 a	30067 a	11528 a	5 a	12 a
4	PicChlor 60 21 G LDPE Mulch Eptam	909 c	104 a	36 a	22953 a	7905 a	2 ab	4 ab
5	PicChlor 60 21 G Blockade Mulch No herbicide	2193 a	149 a	52 a	32780 a	11352 a	1 ab	2 b
6	PicChlor 60 21 G Blockade Mulch Eptam	1826 ab	133 a	47 a	29187 a	10435 a	1 b	2 b
7	PicChlor 60 21 G Blockade Mulch Eptam	1327 bc	93 a	31 a	20460 a	6915 a	1 b	1 b
8	PicChlor 60 21 G Blockade Mulch Eptam	1445 bc	122 a	44 a	26840 a	9731 a	2 ab	4 ab
LSD (P=.05)		624.1	55.8	21.6	12284.5	4761.5	3.5	8.7
Standard Deviation		356.3	31.9	12.4	7014.2	2718.7	2.0	4.9
CV		22.68	25.42	27.52	25.42	27.52	97.85	108.46
Bartlett's X2		0.871	6.178	4.734	6.178	4.733	11.584	13.334
P(Bartlett's X2)		0.997	0.519	0.692	0.519	0.692	0.115	0.064

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

University of Georgia

Weed Code	BRSOL	BRSOL	BRSOL	BRSOL	BRSOL	BRSOL	BRSOL
Crop Code	FRUMAR C	FRUMAR C	FRUMAR C	FRUMAR C	FRUMAR C	FRUMAR C	FRUMAR C
Part Rated	YIELD	YIELD	YIELD	YIELD	YIELD	YIELD	YIELD
Rating Data Type	#/a	lb/a	#/plot	lb/plot	#/a	lb/a	#/plot
Rating Unit	Oct-07-08	Oct-07-08	Oct-10-08	Oct-10-08	Oct-10-08	Oct-10-08	Oct-15-08
Rating Date	82 DA-A	82 DA-A	85 DA-A	85 DA-A	85 DA-A	85 DA-A	90 DA-A
Trt-Eval Interval							
Trt No.	238	239	240	241	242	243	244
Treatment Name							
Rate							
Unit							
1 PicChlor 60 21 G LDPE Mulch No herbicide	1320 ab	2977 ab	4 a	8 a	1613 a	3652 a	5 a
2 PicChlor 60 21 G LDPE Mulch Eptam 2 PT/A	838 ab	1690 ab	2 a	4 a	859 a	1698 a	5 ab
3 PicChlor 60 21 G LDPE Mulch Eptam 3 PT/A	2200 a	5309 a	2 a	6 a	1027 a	2435 a	3 ab
4 PicChlor 60 21 G LDPE Mulch Eptam 4 PT/A	733 ab	1848 ab	3 a	6 a	1320 a	2420 a	5 ab
5 PicChlor 60 21 G Blockade Mulch No herbicide	587 ab	1056 b	3 a	6 a	1320 a	2757 a	5 ab
6 PicChlor 60 21 G Blockade Mulch Eptam 2 PT/A	440 b	939 b	4 a	8 a	1760 a	3417 a	4 ab
7 PicChlor 60 21 G Blockade Mulch Eptam 3 PT/A	293 b	543 b	1 a	1 a	293 a	616 a	2 b
8 PicChlor 60 21 G Blockade Mulch Eptam 4 PT/A	733 ab	1643 ab	3 a	6 a	1320 a	2728 a	3 ab
LSD (P=.05)	1541.3	3826.8	3.7	7.1	1637.7	3120.8	2.9
Standard Deviation	873.9	2169.8	2.1	4.0	928.6	1769.5	1.7
CV	97.85	108.46	78.1	71.77	78.1	71.77	41.16
Bartlett's X2	11.584	13.334	8.61	8.55	8.61	8.55	5.075
P(Bartlett's X2)	0.115	0.064	0.282	0.287	0.282	0.287	0.651

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

University of Georgia

Weed Code	BRSOL	BRSOL	BRSOL	BRSOL	BRSOL	BRSOL	BRSOL
Crop Code	FRUMAR C	FRUMAR C	FRUMAR C	FRUTOT C	FRUTOT C	FRUTOT C	FRUTOT C
Part Rated	YIELD	YIELD	YIELD	YIELD	YIELD	YIELD	YIELD
Rating Data Type	lb/plot	#/a	lb/a	#/plot	lb/plot	#/a	lb/a
Rating Unit	Oct-15-08	Oct-15-08	Oct-15-08	Oct-21-08	Oct-21-08	Oct-21-08	Oct-21-08
Rating Date	90 DA-A	90 DA-A	90 DA-A	96 DA-A	96 DA-A	96 DA-A	96 DA-A
Trt-Eval Interval							
Trt No.	245	246	247	248	249	250	251
Treatment Name							
Rate							
Unit							
1 PicChlor 60 21 G LDPE Mulch No herbicide	12 a	2347 a	5280 a	4 b	8 b	1760 b	3447 b
2 PicChlor 60 21 G LDPE Mulch Eptam 2 PT/A	11 ab	2263 ab	4809 ab	6 b	15 b	2829 b	6458 b
3 PicChlor 60 21 G LDPE Mulch Eptam 3 PT/A	6 ab	1173 ab	2757 ab	6 b	10 b	2493 b	4591 b
4 PicChlor 60 21 G LDPE Mulch Eptam 4 PT/A	12 a	2200 ab	5177 a	6 b	11 b	2787 b	4884 b
5 PicChlor 60 21 G Blockade Mulch No herbicide	11 ab	2200 ab	4723 ab	7 b	14 b	2933 b	6233 b
6 PicChlor 60 21 G Blockade Mulch Eptam 2 PT/A	10 ab	1907 ab	4503 ab	6 b	11 b	2787 b	5031 b
7 PicChlor 60 21 G Blockade Mulch Eptam 3 PT/A	4 b	880 b	1877 b	12 a	25 a	5427 a	11147 a
8 PicChlor 60 21 G Blockade Mulch Eptam 4 PT/A	6 ab	1173 ab	2523 ab	8 b	15 b	3373 b	6527 b
LSD (P=.05)	6.7	1283.4	2932.8	4.6	10.2	2022.2	4468.5
Standard Deviation	3.8	727.7	1662.9	2.6	5.8	1146.6	2533.7
CV	42.03	41.16	42.03	37.61	41.95	37.61	41.95
Bartlett's X2	4.922	5.075	4.922	3.697	10.753	3.697	10.752
P(Bartlett's X2)	0.669	0.651	0.669	0.814	0.15	0.814	0.15

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

University of Georgia

Weed Code	BRSOL	BRSOL	BRSOL	BRSOL	BRSOA	BRSOA	BRSOA	
Crop Code	FRUTOT C	FRUTOT C	FRUTOT C	FRUTOT C	FRUMAR C	FRUMAR C	FRUMAR C	
Part Rated	CumYIELD	CumYIELD	CumYIELD	CumYIELD	YIELD	YIELD	YIELD	
Rating Data Type	#/plot	lb/plot	#/a	lb/a	#/plot	lb/plot	#/a	
Rating Unit								
Rating Date	Sep-18-08	Sep-18-08	Sep-18-08	Sep-18-08	Sep-18-08	Sep-18-08	Sep-18-08	
Trt-Eval Interval	63 DA-A	63 DA-A	63 DA-A	63 DA-A	63 DA-A	63 DA-A	63 DA-A	
Trt No.	Treatment Name	Rate	Rate	Rate	Rate	Rate	Rate	
		Unit	Unit	Unit	Unit	Unit	Unit	
		252	253	254	255	256	257	
		258						
1	PicChlor 60 21 G LDPE Mulch No herbicide	16 a	35 a	7040 a	15356 a	14 a	9 a	6160 a
2	PicChlor 60 21 G LDPE Mulch Eptam	15 a	33 a	6789 a	14654 a	14 a	9 a	6013 a
							2 PT/A	
3	PicChlor 60 21 G LDPE Mulch Eptam	16 a	34 a	6893 a	15092 a	13 a	10 a	5720 a
							3 PT/A	
4	PicChlor 60 21 G LDPE Mulch Eptam	16 a	33 a	7040 a	14329 a	14 a	11 a	6013 a
							4 PT/A	
5	PicChlor 60 21 G Blockade Mulch No herbicide	16 a	34 a	7040 a	14769 a	14 a	9 a	6160 a
6	PicChlor 60 21 G Blockade Mulch Eptam	16 a	32 a	6893 a	13889 a	13 a	7 a	5720 a
							2 PT/A	
7	PicChlor 60 21 G Blockade Mulch Eptam	16 a	32 a	6893 a	14183 a	14 a	7 a	6160 a
							3 PT/A	
8	PicChlor 60 21 G Blockade Mulch Eptam	15 a	31 a	6600 a	13420 a	13 a	8 a	5720 a
							4 PT/A	
LSD (P=.05)		1.0	3.9	432.3	1731.3	1.5	4.6	675.3
Standard Deviation		0.6	2.2	245.1	981.7	0.9	2.6	385.6
CV		3.55	6.79	3.55	6.79	6.47	30.06	6.47
Bartlett's X2		0.934	8.093	42.795	8.092	3.135	6.811	3.135
P(Bartlett's X2)		0.92	0.324	0.001*	0.325	0.535	0.449	0.535

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

University of Georgia

Weed Code	BRSOA	BRSOA	BRSOA	BRSOA	BRSOA	BRSOA	BRSOA
Crop Code	FRUMAR C	FRUMAR C	FRUMAR C	FRUMAR C	FRUMAR C	FRUMAR C	FRUMAR C
Part Rated	YIELD	YIELD	YIELD	YIELD	YIELD	YIELD	YIELD
Rating Data Type	lb/a	#/plot	lb/plot	#/a	lb/a	#/plot	lb/plot
Rating Unit	Sep-18-08	Sep-30-08	Sep-30-08	Sep-30-08	Sep-30-08	Oct-15-08	Oct-15-08
Rating Date	63 DA-A	75 DA-A	75 DA-A	75 DA-A	75 DA-A	90 DA-A	90 DA-A
Trt-Eval Interval							
Trt No.	259	260	261	262	263	264	265
Treatment Name							
Rate							
Unit							
1 PicChlor 60 21 G LDPE Mulch No herbicide	4033 a	13 a	4 a	5867 a	1599 a	14 a	3 a
2 PicChlor 60 21 G LDPE Mulch Eptam 2 PT/A	3887 a	14 a	4 a	6160 a	1599 a	14 a	3 a
3 PicChlor 60 21 G LDPE Mulch Eptam 3 PT/A	4517 a	13 a	4 a	5720 a	1672 a	13 a	4 a
4 PicChlor 60 21 G LDPE Mulch Eptam 4 PT/A	4664 a	14 a	4 a	6013 a	1775 a	13 a	4 a
5 PicChlor 60 21 G Blockade Mulch No herbicide	3799 a	14 a	3 a	6013 a	1335 a	14 a	3 a
6 PicChlor 60 21 G Blockade Mulch Eptam 2 PT/A	3065 a	14 a	3 a	6013 a	1203 a	13 a	3 a
7 PicChlor 60 21 G Blockade Mulch Eptam 3 PT/A	3124 a	14 a	3 a	6013 a	1437 a	14 a	3 a
8 PicChlor 60 21 G Blockade Mulch Eptam 4 PT/A	3505 a	13 a	3 a	5867 a	1481 a	14 a	3 a
LSD (P=.05)	2013.7	1.2	1.4	541.7	600.3	1.5	1.6
Standard Deviation	1149.8	0.7	0.8	309.3	342.8	0.8	0.9
CV	30.06	5.19	22.66	5.19	22.66	6.14	28.83
Bartlett's X2	6.811	2.254	8.921	2.254	8.921	5.102	9.114
P(Bartlett's X2)	0.449	0.895	0.258	0.895	0.258	0.531	0.245

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

University of Georgia

Weed Code	BRSOA	BRSOA	BRSOA	BRSOA	BRSOA	BRSOA
Crop Code	FRUMAR C	FRUMAR C	FRUMAR C	FRUMAR C	FRUMAR C	FRUMAR C
Part Rated	YIELD	YIELD	CumYIELD	CumYIELD	CumYIELD	CumYIELD
Rating Data Type	#/a	lb/a	#/plot	lb/plot	#/a	lb/a
Rating Unit						
Rating Date	Oct-15-08	Oct-15-08				
Trt-Eval Interval	90 DA-A	90 DA-A				
Trt No.	266	267	268	269	270	271
Treatment Name						
Rate						
Unit						
1 PicChlor 60 21 G LDPE Mulch No herbicide	6160 a	1379 a	41 a	16 a	18187 a	7011 a
2 PicChlor 60 21 G LDPE Mulch Eptam 2 PT/A	6160 a	1408 a	42 a	16 a	18333 a	6893 a
3 PicChlor 60 21 G LDPE Mulch Eptam 3 PT/A	5720 a	1569 a	39 a	18 a	17160 a	7759 a
4 PicChlor 60 21 G LDPE Mulch Eptam 4 PT/A	5867 a	1657 a	41 a	18 a	17893 a	8096 a
5 PicChlor 60 21 G Blockade Mulch No herbicide	6013 a	1408 a	41 a	15 a	18187 a	6541 a
6 PicChlor 60 21 G Blockade Mulch Eptam 2 PT/A	5867 a	1393 a	40 a	13 a	17600 a	5661 a
7 PicChlor 60 21 G Blockade Mulch Eptam 3 PT/A	6013 a	1247 a	41 a	13 a	18187 a	5808 a
8 PicChlor 60 21 G Blockade Mulch Eptam 4 PT/A	6013 a	1393 a	40 a	15 a	17600 a	6380 a
LSD (P=.05)	643.1	723.0	3.6	6.9	1598.9	3053.0
Standard Deviation	367.2	412.8	2.1	4.0	912.9	1743.2
CV	6.14	28.83	5.1	25.75	5.1	25.75
Bartlett's X2	5.102	9.114	10.132	8.855	10.134	8.855
P(Bartlett's X2)	0.531	0.245	0.181	0.263	0.181	0.263

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

University of Georgia

Crop 4: CPSAN PEPPER **Variety:** Hertiage
Planting Date: Aug-08-08 **Planting Method:** transplant
Rate: 1 12 inch **Depth:** 1 in **Perennial Age:** ____ ____
Row Spacing: 6 feet **Spacing Within Row:** 12 inch **Seed Bed:** raised/mulch
Soil Temperature: 91 F **Soil Moisture:** moist **Emergence Date:** _____

Crop 5: CUUPE SQUASH, SUMMER **Variety:** Lioness
Planting Date: Aug-08-08 **Planting Method:** seeded and transplant
Rate: 1 12 inch **Depth:** 1 in **Perennial Age:** ____ ____
Row Spacing: 6 feet **Spacing Within Row:** 12 inch **Seed Bed:** raised/mulch
Soil Temperature: 91 F **Soil Moisture:** moist **Emergence Date:** _____

Crop 6: CUMSA CUCUMBER **Variety:** Thunder
Planting Date: Aug-08-08 **Planting Method:** seeded and transplant
Rate: 1 12 inch **Depth:** 1 in **Perennial Age:** ____ ____
Row Spacing: 6 feet **Spacing Within Row:** 12 inch **Seed Bed:** raised/mulch
Soil Temperature: 91 F **Soil Moisture:** moist **Emergence Date:** _____

SITE AND DESIGN

Plot Width, Unit: 3 FT **Plot Length, Unit:** 100 FT **Reps:** 3
Site Type: Ponder research farm
Tillage Type: Conventional/Plastic **Study Design:** FACTORIAL

Trial Initiation Comments:

	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:** 1.1 **Texture:** sand
% Silt: 2 **pH:** 6.4 **Soil Name:** _____
% Clay: 4 **CEC:** _____ **Fert. Level:** _____

ADDITIONAL MEASURED ELEMENTS

Element	Quantity	Unit

MOISTURE CONDITIONS

Date	Time	Amount	Unit	Type	Interval	Unit
1.						

Overall Moisture Conditions: drip irrigation

Closest Weather Station: _____ **Distance:** _____ **Unit:** _____

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APPLICATION DESCRIPTION

	A
Application Date:	Jul-17-08
Time of Day:	10 am
Application Method:	band
Application Timing:	preplant
Applic. Placement:	on bedtop
Air Temp., Unit:	90 F
% Relative Humidity:	50
Wind Velocity, Unit:	4 mph
Dew Presence (Y/N):	n
Water Hardness:	
Soil Temp., Unit:	93 F
Soil Moisture:	moist
% Cloud Cover:	15

CROP STAGE AT EACH APPLICATION

	A
Crop 1 Code, Stage:	LYPES preplant
Stage Scale:	not plant
Height, Unit:	0 inch
Crop 2 Code, Stage:	BRSOL preplant
Stage Scale:	not plant
Height, Unit:	0 inch
Crop 3 Code, Stage:	BRSOA preplant
Stage Scale:	not plant
Height, Unit:	0 inch
Crop 4 Code, Stage:	CPSAN preplant
Stage Scale:	not plant
Height, Unit:	0 inch
Crop 5 Code, Stage:	CUUPE preplant
Stage Scale:	not plant
Height, Unit:	0 inch
Crop 6 Code, Stage:	CUMSA preplant
Stage Scale:	not plant
Height, Unit:	0 inch

WEED STAGE AT EACH APPLICATION

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

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APPLICATION EQUIPMENT

	A
Appl. Equipment:	super bed
Operating Pressure:	24 psi
Nozzle Type:	flat fan
Nozzle Size:	11002
Nozzle Spacing, Unit:	12 inch
Nozzles/Row:	6
Band Width, Unit:	
Boom Length, Unit:	5 feet
Boom Height, Unit:	12 in
Ground Speed, Unit:	3 mph
Incorporation Equip.:	
Hours to Incorp.:	
Incorp. Depth, Unit:	
Carrier:	water
Spray Volume, Unit:	24 GPA
Spray pH:	
Propellant:	CO2
Tank Mix (Y/N):	Y

Trt No	Treatment Application Comment