

University of Georgia

GENERAL COMMENTS:

1. Individual plots were 0.24 acres of land or 0.12 acres of treated land.
2. Trial initiated on Jan 27, 2007. Took 6 hours to put all treatments out. Soil temp at 8 inch was 55 F and 61 F at 4 inch. Soil moisture was 68% at 12 inch and 60% at 8 inch.
3. Fumigants were applied, beds were formed and mulch was laid within minutes of one another. Telone II 10-12 inches deep with a Yetter applicator. MB, MIDAS, 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.

Check plot (3 rows by 200 feet) had 66 nutsedge on 3-13-07

Check plot (3 rows by 200 feet) had 117 nutsedge on 3-29-07

Check plot (3 rows by 200 feet) had 290 nutsedge on 4-18-07

University of Georgia

2007 Large Acreage Replicated On Farm MB Alternative Trial

Trial ID: Veg9-07

Study Dir.: Martin Flora

Location: Southern Valley Produc

Investigator: Stanley Culpepper

Weed Code	CYPES	CYPES	CYPES	SIDRH	SIDRH	plant 1 CPSAN	plant 2 CPSAN	plant 3 CPSAN	
Crop Code									
Rating Data Type	#	#	#	#	#	ht	ht	ht/bed 1	
Rating Unit	per plot	per plot	per plot	per plot	per plot	cm	cm	cm	
Rating Date	Mar-13-07	Mar-29-07	Apr-18-07	Mar-29-07	Apr-18-07	Apr-18-07	Apr-18-07	Apr-18-07	
Trt-Eval Interval	45 DA-A	61 DA-A	81 DA-A	61 DA-A	81 DA-A	81 DA-A	81 DA-A	81 DA-A	
ARM Action Codes									
Trt No.	Treatment Name	Rate	Rate	Rate	Rate	Rate	Rate	Rate	
		Unit	Unit	Unit	Unit	Unit	Unit	Unit	
		1	2	3	4	5	6	7	8
1	MB 57:43 443 lb/A BC LDPE 1.25 mil mulch	0 a	0 a	4 a	0 a	1 a	33 a	28 a	29 a
2	MIDAS 171 lb/A BC Blocade 1.3 mil mulch	1 a	2 a	6 a	0 a	1 a	25 a	27 a	20 a
3	DMDS 76.35 G/A BC LDPE MULCH	2 a	6 a	10 a	1 a	1 a	27 a	26 a	25 a
4	Telone II 10 GPA BC Chloropic 145.6 lb/A BC Vapam 75 GPA LDPE Mulch	0 a	3 a	5 a	0 a	1 a	29 a	28 a	24 a
LSD (P=.05)		2.4	6.5	16.7	0.8	2.2	10.6	4.7	12.2
Standard Deviation		1.5	4.1	10.5	0.5	1.4	6.6	3.0	7.6
CV		214.45	166.96	170.74	400.0	160.5	23.23	10.94	31.02
Bartlett's X2		11.483	4.373	6.035	0.0	4.026	1.529	2.741	10.249
P(Bartlett's X2)		0.009*	0.112	0.11	.	0.259	0.676	0.433	0.017*

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

University of Georgia

Weed Code	plant 4	plant 5	plant 6	plant 7	plant 8	plant 9	plant 10	plant 11	
Crop Code	CPSAN	CPSAN	CPSAN	CPSAN	CPSAN	CPSAN	CPSAN	CPSAN	
Rating Data Type	ht/bed 1	ht/bed 1	ht/bed 1	ht/bed 1	ht/bed 1	ht/bed 1	ht/bed 1	ht/bed 1	
Rating Unit	cm	cm	cm	cm	cm	cm	cm	cm	
Rating Date	Apr-18-07	Apr-18-07	Apr-18-07	Apr-18-07	Apr-18-07	Apr-18-07	Apr-18-07	Apr-18-07	
Trt-Eval Interval	81 DA-A	81 DA-A	81 DA-A	81 DA-A	81 DA-A	81 DA-A	81 DA-A	81 DA-A	
ARM Action Codes									
Trt No.	Treatment Name	Rate	Rate	Rate	Rate	Rate	Rate	Rate	
		Unit	Unit	Unit	Unit	Unit	Unit	Unit	
1	MB 57:43 443 lb/A BC LDPE 1.25 mil mulch	26 a	26 a	28 a	25 a	19 a	24 ab	26 a	26 a
2	MIDAS 171 lb/A BC Blocade 1.3 mil mulch	28 a	30 a	26 a	24 a	26 a	26 ab	26 a	25 a
3	DMDS 76.35 G/A BC LDPE MULCH	26 a	27 a	26 a	26 a	27 a	29 a	29 a	26 a
4	Telone II 10 GPA BC Chloropic 145.6 lb/A BC Vapam 75 GPA LDPE Mulch	28 a	28 a	25 a	26 a	23 a	21 b	25 a	26 a
LSD (P=.05)		4.0	7.3	5.9	7.4	10.4	5.5	3.6	4.4
Standard Deviation		2.5	4.5	3.7	4.6	6.5	3.4	2.2	2.7
CV		9.39	16.33	14.1	18.34	27.79	13.95	8.39	10.73
Bartlett's X2		1.852	2.144	1.94	0.339	9.901	1.453	2.864	5.337
P(Bartlett's X2)		0.604	0.543	0.585	0.953	0.019*	0.693	0.413	0.149

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

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Weed Code	plant 12	plant 13	plant 14	plant 15	plant 16	plant 17	plant 18	plant 19									
Crop Code	CPSAN	CPSAN	CPSAN	CPSAN	CPSAN	CPSAN	CPSAN	CPSAN									
Rating Data Type	ht/bed 1	ht/bed 1	ht/bed 1	ht/bed 1	ht/bed 1	ht/bed 1	ht/bed 1	ht/bed 1									
Rating Unit	cm	cm	cm	cm	cm	cm	cm	cm									
Rating Date	Apr-18-07	Apr-18-07	Apr-18-07	Apr-18-07	Apr-18-07	Apr-18-07	Apr-18-07	Apr-18-07									
Trt-Eval Interval	81 DA-A	81 DA-A	81 DA-A	81 DA-A	81 DA-A	81 DA-A	81 DA-A	81 DA-A									
ARM Action Codes																	
Trt No.	Treatment Name	Rate	Unit	17	18	19	20	21	22	23	24						
1	MB 57:43 443 lb/A BC LDPE 1.25 mil mulch	28	a	26	a	29	a	29	a	28	a	29	a	26	a	26	a
2	MIDAS 171 lb/A BC Blocade 1.3 mil mulch	24	a	25	a	25	a	26	a	24	b	25	a	24	a	23	a
3	DMDS 76.35 G/A BC LDPE MULCH	28	a	25	a	25	a	25	a	27	ab	26	a	26	a	27	a
4	Telone II 10 GPA BC Chloropic 145.6 lb/A BC Vapam 75 GPA LDPE Mulch	27	a	26	a	26	a	25	a	26	ab	26	a	28	a	28	a
LSD (P=.05)		5.1		7.8		6.2		7.4		3.0		5.5		5.9		6.8	
Standard Deviation		3.2		4.9		3.9		4.6		1.9		3.4		3.7		4.2	
CV		12.16		19.22		15.02		17.76		7.16		12.98		14.13		16.45	
Bartlett's X2		2.655		4.741		2.893		2.722		2.96		1.929		1.9		2.194	
P(Bartlett's X2)		0.448		0.192		0.408		0.437		0.398		0.587		0.593		0.533	

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

University of Georgia

Weed Code	plant 20	AVG20PLA	plant 1	plant 2	plant 3	plant 4	plant 5	plant 6									
Crop Code	CPSAN	CPSAN	CPSAN	CPSAN	CPSAN	CPSAN	CPSAN	CPSAN									
Rating Data Type	ht/bed 1	ht/bed 1	ht/bed 1	ht/bed 1	ht/bed 1	ht/bed 1	ht/bed 1	ht/bed 1									
Rating Unit	cm	cm	cm	cm	cm	cm	cm	cm									
Rating Date	Apr-18-07	Apr-18-07	Apr-18-07	Apr-18-07	Apr-18-07	Apr-18-07	Apr-18-07	Apr-18-07									
Trt-Eval Interval	81 DA-A	81 DA-A	81 DA-A	81 DA-A	81 DA-A	81 DA-A	81 DA-A	81 DA-A									
ARM Action Codes		T1															
Trt No.	Treatment Name	Rate	Unit	25	26	27	28	29	30	31	32						
1	MB 57:43 443 lb/A BC LDPE 1.25 mil mulch	25	a	27	a	25	a	23	a	25	a	24	a	22	a	22	a
2	MIDAS 171 lb/A BC Blocade 1.3 mil mulch	25	a	25	a	26	a	24	a	23	a	23	a	24	a	22	a
3	DMDS 76.35 G/A BC LDPE MULCH	25	a	26	a	26	a	23	a	23	a	23	a	23	a	21	a
4	Telone II 10 GPA BC Chloropic 145.6 lb/A BC Vapam 75 GPA LDPE Mulch	29	a	26	a	27	a	25	a	26	a	26	a	25	a	25	a
LSD (P=.05)		5.5		2.6		5.7		5.6		6.1		5.3		6.3		4.3	
Standard Deviation		3.4		1.7		3.6		3.5		3.8		3.3		3.9		2.7	
CV		13.2		6.37		13.88		14.66		15.61		14.04		16.86		11.94	
Bartlett's X2		5.516		0.745		3.375		9.953		4.602		0.444		2.056		0.706	
P(Bartlett's X2)		0.138		0.863		0.337		0.019*		0.203		0.931		0.561		0.872	

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

Column 26: T1 = @AVG([C6].[C25])

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Weed Code	plant 7	plant 8	plant 9	plant 10	plant 11	plant 12	plant 13	plant 14	
Crop Code	CPSAN	CPSAN	CPSAN	CPSAN	CPSAN	CPSAN	CPSAN	CPSAN	
Rating Data Type	ht/bed 1	ht/bed 1	ht/bed 1	ht/bed 1	ht/bed 1	ht/bed 1	ht/bed 1	ht/bed 1	
Rating Unit	cm	cm	cm	cm	cm	cm	cm	cm	
Rating Date	Apr-18-07	Apr-18-07	Apr-18-07	Apr-18-07	Apr-18-07	Apr-18-07	Apr-18-07	Apr-18-07	
Trt-Eval Interval	81 DA-A	81 DA-A	81 DA-A	81 DA-A	81 DA-A	81 DA-A	81 DA-A	81 DA-A	
ARM Action Codes									
Trt No.	Treatment Name	Rate	Rate	Rate	Rate	Rate	Rate	Rate	
		Unit							
33			34	35	36	37	38	39	40
1	MB 57:43 443 lb/A BC LDPE 1.25 mil mulch	19 b	22 a	25 a	24 a	22 ab	22 a	22 a	20 a
2	MIDAS 171 lb/A BC Blocade 1.3 mil mulch	24 a	23 a	23 a	22 a	12 b	23 a	22 a	17 a
3	DMDS 76.35 G/A BC LDPE MULCH	20 ab	23 a	22 a	23 a	25 a	22 a	24 a	25 a
4	Telone II 10 GPA BC Chloropic 145.6 lb/A BC Vapam 75 GPA LDPE Mulch	23 ab	18 a	22 a	26 a	22 ab	23 a	24 a	22 a
LSD (P=.05)		4.3	11.3	6.2	6.8	11.5	4.9	6.5	11.1
Standard Deviation		2.7	7.1	3.9	4.3	7.2	3.0	4.1	6.9
CV		12.56	32.83	16.96	18.0	36.2	13.62	17.78	32.61
Bartlett's X2		3.931	12.777	3.502	2.737	12.85	1.277	1.081	12.408
P(Bartlett's X2)		0.269	0.005*	0.321	0.434	0.005*	0.735	0.782	0.006*

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

University of Georgia

Weed Code	plant 15	plant 16	plant 17	plant 18	plant 19	plant 20	AVG20PLA	plant 1									
Crop Code	CPSAN	CPSAN	CPSAN	CPSAN	CPSAN	CPSAN	CPSAN	CPSAN									
Rating Data Type	ht/bed 1	ht/bed 1	ht/bed 1	ht/bed 1	ht/bed 1	ht/bed 1	ht/bed 1	ht/bed2									
Rating Unit	cm	cm	cm	cm	cm	cm	cm	cm									
Rating Date	Apr-18-07	Apr-18-07	Apr-18-07	Apr-18-07	Apr-18-07	Apr-18-07	Apr-18-07	Apr-18-07									
Trt-Eval Interval	81 DA-A	81 DA-A	81 DA-A	81 DA-A	81 DA-A	81 DA-A	81 DA-A	81 DA-A									
ARM Action Codes							T2										
Trt No.	Treatment Name	Rate	Unit	41	42	43	44	45	46	47	48						
1	MB 57:43 443 lb/A BC LDPE 1.25 mil mulch	21	a	22	a	22	a	20	a	22	a	21	a	22	a	30	a
2	MIDAS 171 lb/A BC Blocade 1.3 mil mulch	22	a	21	a	22	a	24	a	24	a	23	a	22	a	28	a
3	DMDS 76.35 G/A BC LDPE MULCH	24	a	25	a	23	a	23	a	22	a	24	a	23	a	28	a
4	Telone II 10 GPA BC Chloropic 145.6 lb/A BC Vapam 75 GPA LDPE Mulch	22	a	23	a	23	a	25	a	23	a	22	a	24	a	26	a
LSD (P=.05)		6.9		5.9		3.9		5.1		4.3		6.7		2.7		3.3	
Standard Deviation		4.3		3.7		2.5		3.2		2.7		4.2		1.7		2.0	
CV		19.28		16.21		11.04		14.07		12.05		18.74		7.32		7.28	
Bartlett's X2		1.909		0.657		7.81		1.594		0.893		2.104		1.427		1.978	
P(Bartlett's X2)		0.591		0.883		0.05		0.661		0.827		0.551		0.699		0.577	

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

Column 47: T2 = @AVG([C27].[C46])

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Weed Code	plant 2	plant 3	plant 4	plant 5	plant 6	plant 7	plant 8	plant 9									
Crop Code	CPSAN	CPSAN	CPSAN	CPSAN	CPSAN	CPSAN	CPSAN	CPSAN									
Rating Data Type	ht/bed2	ht/bed2	ht/bed2	ht/bed2	ht/bed2	ht/bed2	ht/bed2	ht/bed2									
Rating Unit	cm	cm	cm	cm	cm	cm	cm	cm									
Rating Date	Apr-18-07	Apr-18-07	Apr-18-07	Apr-18-07	Apr-18-07	Apr-18-07	Apr-18-07	Apr-18-07									
Trt-Eval Interval	81 DA-A	81 DA-A	81 DA-A	81 DA-A	81 DA-A	81 DA-A	81 DA-A	81 DA-A									
ARM Action Codes																	
Trt No.	Treatment Name	Rate	Unit	49	50	51	52	53	54	55	56						
1	MB 57:43 443 lb/A BC LDPE 1.25 mil mulch	29	a	27	b	30	a	29	a	26	a	27	a	29	a	30	a
2	MIDAS 171 lb/A BC Blocade 1.3 mil mulch	31	a	31	a	29	a	31	a	30	a	29	a	28	a	27	a
3	DMDS 76.35 G/A BC LDPE MULCH	28	a	29	ab	27	a	21	a	29	a	28	a	29	a	29	a
4	Telone II 10 GPA BC Chloropic 145.6 lb/A BC Vapam 75 GPA LDPE Mulch	26	a	28	ab	27	a	26	a	27	a	26	a	27	a	27	a
LSD (P=.05)		4.9		3.5		3.5		10.6		4.3		3.7		4.0		3.8	
Standard Deviation		3.1		2.2		2.2		6.7		2.7		2.3		2.5		2.4	
CV		10.88		7.61		7.76		25.16		9.65		8.43		8.97		8.33	
Bartlett's X2		1.829		2.707		3.174		13.917		2.772		4.168		6.918		2.288	
P(Bartlett's X2)		0.609		0.439		0.366		0.003*		0.428		0.244		0.075		0.515	

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

University of Georgia

Weed Code	plant 10	plant 11	plant 12	plant 13	plant 14	plant 15	plant 16	plant 17	
Crop Code	CPSAN	CPSAN	CPSAN	CPSAN	CPSAN	CPSAN	CPSAN	CPSAN	
Rating Data Type	ht/bed2	ht/bed2	ht/bed2	ht/bed2	ht/bed2	ht/bed2	ht/bed2	ht/bed2	
Rating Unit	cm	cm	cm	cm	cm	cm	cm	cm	
Rating Date	Apr-18-07	Apr-18-07	Apr-18-07	Apr-18-07	Apr-18-07	Apr-18-07	Apr-18-07	Apr-18-07	
Trt-Eval Interval	81 DA-A	81 DA-A	81 DA-A	81 DA-A	81 DA-A	81 DA-A	81 DA-A	81 DA-A	
ARM Action Codes									
Trt No.	Treatment Name	Rate	Rate	Rate	Rate	Rate	Rate	Rate	
		Unit	Unit	Unit	Unit	Unit	Unit	Unit	
		57	58	59	60	61	62	63	
		64							
1	MB 57:43 443 lb/A BC LDPE 1.25 mil mulch	28 a	28 a	26 a	29 a	27 a	29 a	27 a	30 a
2	MIDAS 171 lb/A BC Blocade 1.3 mil mulch	29 a	29 a	25 a	27 a	29 a	28 a	28 a	29 a
3	DMDS 76.35 G/A BC LDPE MULCH	24 a	27 a	26 a	27 a	29 a	28 a	27 a	27 a
4	Telone II 10 GPA BC Chloropic 145.6 lb/A BC Vapam 75 GPA LDPE Mulch	24 a	29 a	27 a	27 a	28 a	28 a	28 a	29 a
LSD (P=.05)		7.1	3.0	6.7	6.0	4.6	4.7	5.3	4.7
Standard Deviation		4.5	1.9	4.2	3.8	2.9	3.0	3.3	3.0
CV		16.9	6.59	16.21	13.79	10.18	10.45	11.98	10.29
Bartlett's X2		14.065	2.502	2.542	2.004	3.562	0.55	13.3	1.995
P(Bartlett's X2)		0.003*	0.475	0.468	0.572	0.313	0.908	0.004*	0.573

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

University of Georgia

Weed Code	plant 18	plant 19	plant 20	AVG20PLA	plant 1	plant 2	plant 3	plant 4	
Crop Code	CPSAN	CPSAN	CPSAN	CPSAN	CPSAN	CPSAN	CPSAN	CPSAN	
Rating Data Type	ht/bed2	ht/bed2	ht/bed2	ht/bed2	ht/bed2	ht/bed2	ht/bed2	ht/bed2	
Rating Unit	cm	cm	cm	cm	cm	cm	cm	cm	
Rating Date	Apr-18-07	Apr-18-07	Apr-18-07	Apr-18-07	Apr-18-07	Apr-18-07	Apr-18-07	Apr-18-07	
Trt-Eval Interval	81 DA-A	81 DA-A	81 DA-A	81 DA-A	81 DA-A	81 DA-A	81 DA-A	81 DA-A	
ARM Action Codes				T3					
Trt No.	Treatment Name	Rate	Rate	Rate	Rate	Rate	Rate	Rate	
		Unit	Unit	Unit	Unit	Unit	Unit	Unit	
65	66	67	68	69	70	71	72		
1	MB 57:43 443 lb/A BC LDPE 1.25 mil mulch	29 a	27 a	28 a	28 a	23 a	24 a	24 a	23 a
2	MIDAS 171 lb/A BC Blocade 1.3 mil mulch	28 a	30 a	24 a	28 a	23 a	23 a	23 a	19 a
3	DMDS 76.35 G/A BC LDPE MULCH	27 a	26 a	28 a	27 a	22 a	24 a	22 a	26 a
4	Telone II 10 GPA BC Chloropic 145.6 lb/A BC Vapam 75 GPA LDPE Mulch	28 a	27 a	27 a	27 a	24 a	22 a	25 a	25 a
LSD (P=.05)		4.9	4.6	5.4	1.5	2.8	3.7	5.5	10.5
Standard Deviation		3.0	2.9	3.4	0.9	1.7	2.3	3.4	6.6
CV		10.94	10.46	12.8	3.36	7.61	9.86	14.73	28.34
Bartlett's X2		0.244	6.121	2.359	4.268	0.935	2.525	6.316	18.64
P(Bartlett's X2)		0.97	0.106	0.501	0.234	0.817	0.471	0.097	0.001*

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

Column 68: T3 = @AVG([C48].[C67])

University of Georgia

Weed Code	plant 5	plant 6	plant 7	plant 8	plant 9	plant 10	plant 11	plant 12			
Crop Code	CPSAN	CPSAN	CPSAN	CPSAN	CPSAN	CPSAN	CPSAN	CPSAN			
Rating Data Type	ht/bed2	ht/bed2	ht/bed2	ht/bed2	ht/bed2	ht/bed2	ht/bed2	ht/bed2			
Rating Unit	cm	cm	cm	cm	cm	cm	cm	cm			
Rating Date	Apr-18-07	Apr-18-07	Apr-18-07	Apr-18-07	Apr-18-07	Apr-18-07	Apr-18-07	Apr-18-07			
Trt-Eval Interval	81 DA-A	81 DA-A	81 DA-A	81 DA-A	81 DA-A	81 DA-A	81 DA-A	81 DA-A			
ARM Action Codes											
Trt No.	Treatment Name	Rate	Unit	73	74	75	76	77	78	79	80
1	MB 57:43 443 lb/A BC LDPE 1.25 mil mulch	22	a	25 a	24 a	25 a	25 a	24 a	25 a	25 ab	
2	MIDAS 171 lb/A BC Blocade 1.3 mil mulch	24	a	22 a	23 a	22 a	24 a	23 a	23 a	21 c	
3	DMDS 76.35 G/A BC LDPE MULCH	25	a	22 a	23 a	25 a	24 a	23 a	26 a	27 a	
4	Telone II 10 GPA BC Chloropic 145.6 lb/A BC Vapam 75 GPA LDPE Mulch	23	a	24 a	24 a	23 a	25 a	22 a	22 a	23 bc	
LSD (P=.05)		4.7		5.0	5.1	4.3	6.9	4.5	4.3	2.7	
Standard Deviation		2.9		3.1	3.2	2.7	4.3	2.8	2.7	1.7	
CV		12.62		13.67	13.49	11.41	17.87	12.34	11.36	7.15	
Bartlett's X2		10.674		0.442	1.568	1.337	3.912	4.339	7.686	4.181	
P(Bartlett's X2)		0.014*		0.931	0.667	0.72	0.271	0.227	0.053	0.243	

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

University of Georgia

Weed Code	plant 13	plant 14	plant 15	plant 16	plant 17	plant 18	plant 19	plant 20	
Crop Code	CPSAN	CPSAN	CPSAN	CPSAN	CPSAN	CPSAN	CPSAN	CPSAN	
Rating Data Type	ht/bed2	ht/bed2	ht/bed2	ht/bed2	ht/bed2	ht/bed2	ht/bed2	ht/bed2	
Rating Unit	cm	cm	cm	cm	cm	cm	cm	cm	
Rating Date	Apr-18-07	Apr-18-07	Apr-18-07	Apr-18-07	Apr-18-07	Apr-18-07	Apr-18-07	Apr-18-07	
Trt-Eval Interval	81 DA-A	81 DA-A	81 DA-A	81 DA-A	81 DA-A	81 DA-A	81 DA-A	81 DA-A	
ARM Action Codes									
Trt No.	Treatment Name	Rate	Rate	Rate	Rate	Rate	Rate	Rate	
		Unit							
1	MB 57:43 443 lb/A BC LDPE 1.25 mil mulch	22 a	24 a	24 a	24 a	26 ab	24 a	23 a	24 a
2	MIDAS 171 lb/A BC Blocade 1.3 mil mulch	22 a	26 a	22 a	24 a	24 ab	20 a	17 a	24 a
3	DMDS 76.35 G/A BC LDPE MULCH	20 a	26 a	25 a	25 a	26 a	25 a	24 a	24 a
4	Telone II 10 GPA BC Chloropic 145.6 lb/A BC Vapam 75 GPA LDPE Mulch	22 a	22 a	23 a	21 a	22 b	24 a	21 a	20 a
LSD (P=.05)		12.6	7.2	3.7	5.1	4.0	4.9	9.4	8.1
Standard Deviation		7.9	4.5	2.3	3.2	2.5	3.0	5.8	5.1
CV		36.8	18.28	9.86	13.65	10.41	13.24	27.59	22.07
Bartlett's X2		9.809	6.591	3.006	0.507	8.905	2.289	9.378	5.929
P(Bartlett's X2)		0.02*	0.086	0.391	0.917	0.031*	0.515	0.025*	0.115

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

University of Georgia

Weed Code	AVG20PLA	plant 1	plant 2	plant 3	plant 4	plant 5	plant 6	plant 7									
Crop Code	CPSAN	CPSAN	CPSAN	CPSAN	CPSAN	CPSAN	CPSAN	CPSAN									
Rating Data Type	ht/bed2	ht/bed3	ht/bed3	ht/bed3	ht/bed3	ht/bed3	ht/bed3	ht/bed3									
Rating Unit	cm	cm	cm	cm	cm	cm	cm	cm									
Rating Date	Apr-18-07	Apr-18-07	Apr-18-07	Apr-18-07	Apr-18-07	Apr-18-07	Apr-18-07	Apr-18-07									
Trt-Eval Interval	81 DA-A	81 DA-A	81 DA-A	81 DA-A	81 DA-A	81 DA-A	81 DA-A	81 DA-A									
ARM Action Codes	T4																
Trt No.	Treatment Name	Rate	Unit	89	90	91	92	93	94	95	96						
1	MB 57:43 443 lb/A BC LDPE 1.25 mil mulch	24	ab	25	a	26	ab	28	a	24	a	25	a				
2	MIDAS 171 lb/A BC Blocade 1.3 mil mulch	22	c	28	a	24	ab	26	a	25	a	29	a	26	ab	28	a
3	DMDS 76.35 G/A BC LDPE MULCH	24	a	20	a	28	a	25	a	24	a	24	a	24	ab	23	a
4	Telone II 10 GPA BC Chloropic 145.6 lb/A BC Vapam 75 GPA LDPE Mulch	23	bc	25	a	20	b	26	a	26	a	24	a	21	b	25	a
LSD (P=.05)		1.2		12.5		7.6		5.8		4.5		4.9		5.0		6.3	
Standard Deviation		0.8		7.8		4.8		3.6		2.8		3.1		3.1		3.9	
CV		3.36		32.06		19.79		13.93		11.58		12.12		12.83		15.63	
Bartlett's X2		3.626		10.407		3.86		3.932		2.477		1.002		0.428		0.675	
P(Bartlett's X2)		0.305		0.015*		0.277		0.269		0.479		0.801		0.934		0.879	

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

Column 89: T4 = @AVG([C69].[C88])

University of Georgia

Weed Code	plant 8	plant 9	plant 10	plant 11	plant 12	plant 13	plant 14	plant 15									
Crop Code	CPSAN	CPSAN	CPSAN	CPSAN	CPSAN	CPSAN	CPSAN	CPSAN									
Rating Data Type	ht/bed3	ht/bed3	ht/bed3	ht/bed3	ht/bed3	ht/bed3	ht/bed3	ht/bed3									
Rating Unit	cm	cm	cm	cm	cm	cm	cm	cm									
Rating Date	Apr-18-07	Apr-18-07	Apr-18-07	Apr-18-07	Apr-18-07	Apr-18-07	Apr-18-07	Apr-18-07									
Trt-Eval Interval	81 DA-A	81 DA-A	81 DA-A	81 DA-A	81 DA-A	81 DA-A	81 DA-A	81 DA-A									
ARM Action Codes																	
Trt No.	Treatment Name	Rate	Unit	97	98	99	100	101	102	103	104						
1	MB 57:43 443 lb/A BC LDPE 1.25 mil mulch	26	a	26	a	21	ab	20	a	24	a	19	a	24	a	24	a
2	MIDAS 171 lb/A BC Blocade 1.3 mil mulch	16	a	20	a	26	a	23	a	24	a	26	a	28	a	26	a
3	DMDS 76.35 G/A BC LDPE MULCH	25	a	24	a	23	ab	20	a	24	a	26	a	25	a	25	a
4	Telone II 10 GPA BC Chloropic 145.6 lb/A BC Vapam 75 GPA LDPE Mulch	24	a	23	a	18	b	23	a	26	a	26	a	25	a	24	a
LSD (P=.05)		12.0		11.6		6.3		5.8		4.6		10.7		5.4		6.2	
Standard Deviation		7.5		7.2		3.9		3.6		2.9		6.7		3.3		3.9	
CV		32.94		31.22		17.62		16.88		11.7		27.76		13.19		15.83	
Bartlett's X2		4.226		9.676		1.658		10.833		13.628		15.153		3.864		1.996	
P(Bartlett's X2)		0.238		0.022*		0.646		0.013*		0.003*		0.002*		0.276		0.573	

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

University of Georgia

Weed Code	plant 16	plant 17	plant 18	plant 19	plant 20	AVG20PLA	plant 1	plant 2	
Crop Code	CPSAN	CPSAN	CPSAN	CPSAN	CPSAN	CPSAN	CPSAN	CPSAN	
Rating Data Type	ht/bed3	ht/bed3	ht/bed3	ht/bed3	ht/bed3	ht/bed3	ht/bed3	ht/bed3	
Rating Unit	cm	cm	cm	cm	cm	cm	cm	cm	
Rating Date	Apr-18-07	Apr-18-07	Apr-18-07	Apr-18-07	Apr-18-07	Apr-18-07	Apr-18-07	Apr-18-07	
Trt-Eval Interval	81 DA-A	81 DA-A	81 DA-A	81 DA-A	81 DA-A	81 DA-A	81 DA-A	81 DA-A	
ARM Action Codes						T5			
Trt No.	Treatment Name	Rate	Rate	Rate	Rate	Rate	Rate	Rate	
		Unit	Unit	Unit	Unit	Unit	Unit	Unit	
105			106	107	108	109	110	111	112
1	MB 57:43 443 lb/A BC LDPE 1.25 mil mulch	23 a	26 a	25 a	26 a	25 a	24 a	21 a	21 a
2	MIDAS 171 lb/A BC Blocade 1.3 mil mulch	24 a	23 a	21 a	24 a	26 a	24 a	23 a	21 a
3	DMDS 76.35 G/A BC LDPE MULCH	24 a	17 a	25 a	25 a	23 a	24 a	21 a	20 a
4	Telone II 10 GPA BC Chloropic 145.6 lb/A BC Vapam 75 GPA LDPE Mulch	27 a	23 a	25 a	24 a	25 a	24 a	21 a	19 a
LSD (P=.05)		4.1	10.0	4.7	4.1	4.3	2.7	9.2	4.3
Standard Deviation		2.6	6.2	2.9	2.6	2.7	1.7	5.7	2.7
CV		10.53	28.27	12.36	10.45	10.97	6.99	26.99	13.37
Bartlett's X2		1.28	13.704	0.085	1.798	1.759	6.041	0.942	12.374
P(Bartlett's X2)		0.734	0.003*	0.994	0.615	0.624	0.11	0.815	0.006*

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

Column 110: T5 = @AVG([C90].[C109])

University of Georgia

Weed Code	plant 3	plant 4	plant 5	plant 6	plant 7	plant 8	plant 9	plant 10								
Crop Code	CPSAN	CPSAN	CPSAN	CPSAN	CPSAN	CPSAN	CPSAN	CPSAN								
Rating Data Type	ht/bed3	ht/bed3	ht/bed3	ht/bed3	ht/bed3	ht/bed3	ht/bed3	ht/bed3								
Rating Unit	cm	cm	cm	cm	cm	cm	cm	cm								
Rating Date	Apr-18-07	Apr-18-07	Apr-18-07	Apr-18-07	Apr-18-07	Apr-18-07	Apr-18-07	Apr-18-07								
Trt-Eval Interval	81 DA-A	81 DA-A	81 DA-A	81 DA-A	81 DA-A	81 DA-A	81 DA-A	81 DA-A								
ARM Action Codes																
Trt No.	Treatment Name	Rate	Unit	113	114	115	116	117	118	119	120					
1	MB 57:43 443 lb/A BC LDPE 1.25 mil mulch	22	a	22 a	23 a	22 a	22 a	23 a	16 a	20 a	19 a					
2	MIDAS 171 lb/A BC Blocade 1.3 mil mulch	22	a	22 a	22 a	20 a	19 a	20 a	20 a	22 a	19 a					
3	DMDS 76.35 G/A BC LDPE MULCH	20	a	20 a	20 a	22 a	21 a	20 a	22 a	20 a	20 a					
4	Telone II 10 GPA BC Chloropic 145.6 lb/A BC Vapam 75 GPA LDPE Mulch	22	a	20 a	20 a	20 a	20 a	19 a	20 a	21 a	18 a					
LSD (P=.05)		3.6		3.2		3.7		4.1		4.2		8.6		4.4		7.4
Standard Deviation		2.3		2.0		2.3		2.6		2.6		5.4		2.8		4.6
CV		10.73		9.41		11.05		12.75		13.07		27.43		13.3		24.59
Bartlett's X2		1.361		2.617		10.074		4.767		8.896		7.897		2.751		3.95
P(Bartlett's X2)		0.715		0.454		0.018*		0.19		0.031*		0.048*		0.432		0.267

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

University of Georgia

Weed Code	plant 11	plant 12	plant 13	plant 14	plant 15	plant 16	plant 17	plant 18									
Crop Code	CPSAN	CPSAN	CPSAN	CPSAN	CPSAN	CPSAN	CPSAN	CPSAN									
Rating Data Type	ht/bed3	ht/bed3	ht/bed3	ht/bed3	ht/bed3	ht/bed3	ht/bed3	ht/bed3									
Rating Unit	cm	cm	cm	cm	cm	cm	cm	cm									
Rating Date	Apr-18-07	Apr-18-07	Apr-18-07	Apr-18-07	Apr-18-07	Apr-18-07	Apr-18-07	Apr-18-07									
Trt-Eval Interval	81 DA-A	81 DA-A	81 DA-A	81 DA-A	81 DA-A	81 DA-A	81 DA-A	81 DA-A									
ARM Action Codes																	
Trt No.	Treatment Name	Rate	Unit	121	122	123	124	125	126	127	128						
1	MB 57:43 443 lb/A BC LDPE 1.25 mil mulch	20	a	22	a	22	ab	20	b	21	a	21	a	21	a	22	a
2	MIDAS 171 lb/A BC Blocade 1.3 mil mulch	25	a	24	a	24	a	24	a	19	a	23	a	22	a	19	a
3	DMDS 76.35 G/A BC LDPE MULCH	24	a	21	a	20	ab	20	b	21	a	16	a	21	a	23	a
4	Telone II 10 GPA BC Chloropic 145.6 lb/A BC Vapam 75 GPA LDPE Mulch	21	a	19	a	18	b	23	ab	21	a	21	a	22	a	21	a
LSD (P=.05)		4.9		5.7		5.8		4.0		4.9		9.9		3.5		6.2	
Standard Deviation		3.0		3.6		3.6		2.5		3.0		6.2		2.2		3.9	
CV		13.62		16.62		17.37		11.47		14.77		30.52		10.2		18.38	
Bartlett's X2		4.05		0.778		5.861		3.766		5.315		7.931		1.344		3.18	
P(Bartlett's X2)		0.256		0.855		0.119		0.288		0.15		0.047*		0.719		0.365	

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

University of Georgia

Weed Code	plant 19	plant 20	AVG20PLA	AV120PLA	bed 1	bed 2	bed 3	
Crop Code	CPSAN	CPSAN	CPSAN	CPSAN	CPSAN	CPSAN	CPSAN	
Rating Data Type	ht/bed3	ht/bed3	ht/bed3	height	# plts	# plts	# plts	
Rating Unit	cm	cm	cm	cm	per plot	per plot	per plot	
Rating Date	Apr-18-07	Apr-18-07	Apr-18-07	Apr-18-07	May-08-07	May-08-07	May-08-07	
Trt-Eval Interval	81 DA-A	81 DA-A	81 DA-A	81 DA-A	101 DA-A	101 DA-A	101 DA-A	
ARM Action Codes			T6	T7				
Trt No.	Treatment Name	Rate	Rate	Rate	Rate	Rate	Rate	
		Unit						
		129	130	131	132	133	134	135
1	MB 57:43 443 lb/A BC LDPE 1.25 mil mulch	21 a	21 a	21 a	24 a	321 a	315 a	306 a
2	MIDAS 171 lb/A BC Blocade 1.3 mil mulch	20 a	22 a	21 a	24 a	279 a	289 a	319 a
3	DMDS 76.35 G/A BC LDPE MULCH	24 a	14 a	20 a	24 a	337 a	320 a	300 a
4	Telone II 10 GPA BC Chloropic 145.6 lb/A BC Vapam 75 GPA LDPE Mulch	43 a	22 a	21 a	24 a	349 a	347 a	335 a
LSD (P=.05)		40.1	10.9	3.6	1.4	82.5	76.1	75.9
Standard Deviation		25.1	6.8	2.3	0.9	51.6	47.6	47.5
CV		93.4	34.22	10.82	3.67	16.05	14.99	15.08
Bartlett's X2		27.7	6.651	10.349	0.567	4.334	1.789	4.758
P(Bartlett's X2)		0.001*	0.084	0.016*	0.904	0.228	0.617	0.19

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

Column 131: T6 = @AVG([C111].[C130])

Column 132: T7 = ([C26]+[C47]+[C68]+[C89]+[C110]+[C131])/6

University of Georgia

Weed Code	TOTAL	1 harv	1 harv	1 harv	1 harv	1 harv	2 harv	
Crop Code	CPSAN	CPSAN	CPSAN	CPSAN	CPSAN	CPSAN	CPSAN	
Rating Data Type	#plants	boxes/plot	boxes/plot	boxes/plot	boxes/plot	#fruit/plot	boxes/plot	
Rating Unit	per plot	Jumbo	X-large	Large	Chopper	Cull	Jumbo	
Rating Date	May-08-07	May-22-07	May-22-07	May-22-07	May-22-07	May-22-07	May-29-07	
Trt-Eval Interval	101 DA-A	115 DA-A	115 DA-A	115 DA-A	115 DA-A	115 DA-A	122 DA-A	
ARM Action Codes	T8							
Trt No.	Treatment Name	Rate	Rate	Rate	Rate	Rate	Rate	
		Unit	Unit	Unit	Unit	Unit	Unit	
136			137	138	139	140	141	142
1	MB 57:43 443 lb/A BC LDPE 1.25 mil mulch	942 a	23 a	7 a	1 a	11 ab	24 a	18 a
2	MIDAS 171 lb/A BC Blocade 1.3 mil mulch	886 a	22 a	7 a	1 a	11 ab	41 a	17 a
3	DMDS 76.35 G/A BC LDPE MULCH	956 a	17 b	7 a	1 a	10 b	29 a	16 a
4	Telone II 10 GPA BC Chloropic 145.6 lb/A BC Vapam 75 GPA LDPE Mulch	1031 a	25 a	7 a	0 a	13 a	37 a	21 a
LSD (P=.05)		166.6	4.1	1.6	0.5	2.4	23.4	6.1
Standard Deviation		104.1	2.6	1.0	0.3	1.5	14.6	3.8
CV		10.92	11.99	14.77	59.26	13.61	44.92	21.02
Bartlett's X2		1.72	0.538	1.256	6.55	2.933	2.222	4.278
P(Bartlett's X2)		0.632	0.91	0.74	0.088	0.402	0.528	0.233

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

Column 136: T8 = [C133]+[C134]+[C135]

University of Georgia

Weed Code	2 harv CPSAN	2 harv CPSAN	2 harv CPSAN	2 harv CPSAN	3 harv CPSAN	3 harv CPSAN	3 harv CPSAN	
Crop Code	boxes/plot	boxes/plot	boxes/plot	#fruit/plot	boxes/plot	boxes/plot	boxes/plot	
Rating Data Type	X-large	Large	Chopper	Cull	Jumbo	X-large	Large	
Rating Unit	May-29-07	May-29-07	May-29-07	May-29-07	Jun-05-07	Jun-05-07	Jun-05-07	
Rating Date	122 DA-A	122 DA-A	122 DA-A	122 DA-A	129 DA-A	129 DA-A	129 DA-A	
Trt-Eval Interval	ARM Action Codes							
ARM Action Codes								
Trt No.	Treatment Name	Rate	Rate	Rate	Rate	Rate	Rate	
		Unit	Unit	Unit	Unit	Unit	Unit	
143	144	145	146	147	148	149		
1	MB 57:43 443 lb/A BC LDPE 1.25 mil mulch	48 a	28 a	33 ab	165 b	8 a	57 a	66 a
2	MIDAS 171 lb/A BC Blocade 1.3 mil mulch	44 ab	23 a	35 ab	179 b	9 a	57 a	59 a
3	DMDS 76.35 G/A BC LDPE MULCH	38 b	28 a	31 b	177 b	8 a	55 ab	52 a
4	Telone II 10 GPA BC Chloropic 145.6 lb/A BC Vapam 75 GPA LDPE Mulch	44 ab	27 a	39 a	291 a	8 a	44 b	52 a
LSD (P=.05)		7.5	8.5	6.6	78.8	2.3	11.0	18.2
Standard Deviation		4.7	5.3	4.1	49.3	1.4	6.9	11.4
CV		10.74	20.29	11.95	24.28	17.58	12.86	19.87
Bartlett's X2		4.763	1.412	3.858	2.358	0.226	3.397	2.814
P(Bartlett's X2)		0.19	0.703	0.277	0.501	0.973	0.334	0.421

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

University of Georgia

Weed Code	3 harv CPSAN	3 harv CPSAN	3 harv CPSAN	Har1-3 CPSAN	Har1-3 CPSAN	Har1-3 CPSAN	Har1-3 CPSAN								
Crop Code	boxes/plot	#fruit/plot	boxes/plot	boxes/plot	boxes/plot	boxes/plot	boxes/plot								
Rating Data Type	Chopper	Cull	Suntan	Jumbo	X-large	Large	Chopper								
Rating Unit	Jun-05-07	Jun-05-07	Jun-05-07	Aug-24-07	Aug-24-07	Aug-24-07	Aug-24-07								
Rating Date	129 DA-A	129 DA-A	129 DA-A	209 DA-A	209 DA-A	209 DA-A	209 DA-A								
Trt-Eval Interval				T9	T10	T11	T12								
ARM Action Codes															
Trt No.	Treatment Name	Rate	Unit	150	151	152	153	154	155	156					
1	MB 57:43 443 lb/A BC LDPE 1.25 mil mulch	46	a	462	a	2	a	48	ab	112	a	94	a	90	ab
2	MIDAS 171 lb/A BC Blocade 1.3 mil mulch	48	a	395	a	3	a	48	ab	108	ab	83	a	94	ab
3	DMDS 76.35 G/A BC LDPE MULCH	43	a	357	a	2	a	41	b	99	ab	80	a	84	b
4	Telone II 10 GPA BC Chloropic 145.6 lb/A BC Vapam 75 GPA LDPE Mulch	45	a	539	a	1	a	53	a	95	b	79	a	97	a
LSD (P=.05)		9.2		206.3		1.7		7.0		13.9		20.0		10.3	
Standard Deviation		5.7		129.0		1.1		4.4		8.7		12.5		6.4	
CV		12.6		29.45		48.35		9.19		8.39		14.89		7.08	
Bartlett's X2		4.13		4.872		0.91		3.635		4.267		5.583		3.809	
P(Bartlett's X2)		0.248		0.181		0.823		0.304		0.234		0.134		0.283	

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

Column 153: T9 = [C137]+[C142]+[C147]

Column 154: T10 = [C138]+[C143]+[C148]

Column 155: T11 = [C139]+[C144]+[C149]

Column 156: T12 = [C140]+[C145]+[C150]

University of Georgia

Weed Code	Har1-3	Nematode	Value of	Value of	Value of	Value of	Value of	Value of	Value of		
Crop Code	CPSAN	Root-Kno	Jumbo	X-Large	Large	Choice	Jumbo	X-Large	Large		
Rating Data Type	#fruit/plot	100cmsoil	box	box	box	box	per plot	per plot	per plot		
Rating Unit	Cull	#	\$	\$	\$	\$	\$	\$	\$		
Rating Date	Aug-24-07	Jun-19-07									
Trt-Eval Interval	209 DA-A	143 DA-A									
ARM Action Codes	T13						T14	T15	T16		
Trt No.	Treatment Name	Rate	157	158	160	161	162	163	165	166	167
Rate	Unit										
1	MB 57:43 443 lb/A BC LDPE 1.25 mil mulch		651 ab	12 a	10 a	9 a	9 a	6 a	469 ab	1034 a	895 a
2	MIDAS 171 lb/A BC Blocade 1.3 mil mulch		615 ab	18 a	10 a	9 a	9 a	6 a	462 ab	995 ab	784 a
3	DMDS 76.35 G/A BC LDPE MULCH		562 b	104 a	10 a	9 a	9 a	6 a	399 b	916 ab	760 a
4	Telone II 10 GPA BC Chloropic 145.6 lb/A BC Vapam 75 GPA LDPE Mulch		867 a	191 a	10 a	9 a	9 a	6 a	518 a	877 b	749 a
LSD (P=.05)			268.5	213.9	0.0	0.0	0.0	0.0	67.9	128.3	189.8
Standard Deviation			167.9	133.7	0.0	0.0	0.0	0.0	42.5	80.2	118.6
CV			24.93	165.35	0.06	0.0	0.0	0.0	9.19	8.39	14.89
Bartlett's X2			5.612	20.877	0.0	0.0	0.0	0.0	3.635	4.267	5.583
P(Bartlett's X2)			0.132	0.001*	0.304	0.234	0.134

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

Column 157: T13 = [C141]+[C146]+[C151]

Column 163: T14 = [C153]*[C160]

Column 164: T15 = [C154]*[C161]

Column 165: T16 = [C155]*[C162]

University of Georgia

Weed Code	Value of Choice	Total Value	Total Value	Fum/Mulc Costs	Returns
Crop Code	per plot	per plot	per acre	A	Valu-Cos
Rating Data Type	\$	\$	\$	\$	\$
Rating Unit					
Rating Date					
Trt-Eval Interval					
ARM Action Codes	T17	T18	T19		T20
Trt No.	Treatment Name	Rate	Unit		
		168	170	171	172
1	MB 57:43 443 lb/A BC LDPE 1.25 mil mulch	495 ab	2893 a	12056 a	1184 b
2	MIDAS 171 lb/A BC Blocade 1.3 mil mulch	515 ab	2756 a	11484 a	1515 a
3	DMDS 76.35 G/A BC LDPE MULCH	460 b	2535 b	10563 b	764 c
4	Telone II 10 GPA BC Chloropic 145.6 lb/A BC Vapam 75 GPA LDPE Mulch	533 a	2677 ab	11155 ab	764 c
LSD (P=.05)		56.7	210.5	877.1	0.0
Standard Deviation		35.5	131.6	548.4	0.0
CV		7.08	4.85	4.85	0.0
Bartlett's X2		3.809	1.313	1.313	0.0
P(Bartlett's X2)		0.283	0.726	0.726	.

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

Column 166: T17 = [C156]*[C163]

Column 167: T18 = [C165]+[C166]+[C167]+[C168]

Column 168: T19 = [C170]*4.167

Column 170: T20 = [171]-[172]

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MAINTENANCE

Field Prep./Maintenance:

No.	Date	Maintenance Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit
1.							

SOIL DESCRIPTION

% Sand: 80	% OM: 0.86	Texture: loamy sand
% Silt: 20	pH: 7.15	Soil Name: _____
% Clay: 0	CEC: _____	Fert. Level: _____

ADDITIONAL MEASURED ELEMENTS

Element	Quantity	Unit

MOISTURE CONDITIONS

No.	Date	Time	Amount	Unit	Type	Interval	Unit
1.							

Overall Moisture Conditions: _____

Closest Weather Station: _____ Distance: _____ Unit: _____

APPLICATION DESCRIPTION

	A
Application Date:	Jan-27-07
Time of Day:	2:00pm
Application Method:	band
Application Timing:	preplant
Applic. Placement:	in bed
Air Temp., Unit:	58 F
% Relative Humidity:	52
Wind Velocity, Unit:	3 mph
Dew Presence (Y/N):	n
Water Hardness:	
Soil Temp., Unit:	55 F
Soil Moisture:	moist
% Cloud Cover:	75

CROP STAGE AT EACH APPLICATION

	A
Crop 1 Code, Stage:	CPSAN preplant
Stage Scale:	not up
Height, Unit:	0 inch

WEED STAGE AT EACH APPLICATION

	A
Weed 1 Code, Stage:	CYPES preplant
Stage Scale:	not up
Density, Unit:	see data
Weed 2 Code, Stage:	SIDRH preplant
Stage Scale:	not up
Density, Unit:	see data

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APPLICATION EQUIPMENT

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

Trt No	Treatment Application Comment