

University of Georgia

Nutsedge & pepper response to various fumigants injected under various mulches.

Crop 2

Trial ID: Veg28-06

Study Dir.: Stanley Culpepper

Location: Ponder (Field 5140)

Investigator: Stanley Culpepper

Reps: 3

Plots: 6 by 25 feet

Spray vol: 14.8 gal/ac

Mix size: 2 liters (min .57876)

Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate	Grow Unit	Appl Stg	Amt Code	Product to Measure	Plot No. By Rep		
									1	2	3
1	Non-treated Metalized B/S embossed 1.25X60X4000 Black on top						A		101	226	301
2	Non-treated Metalized S/B embossed 1.25X60X4000						A		102	225	302
3	Non-treated Metalized S/B smooth 1.25X60X4000						A		103	231	337
4	Non-treated W/B LDPE 1.25X60X4000						A		104	228	338
5	Non-treated VIF B/B Perry 1.25X60X2400						A		105	230	303
6	Non-treated Bromostop VIF B/B 1.25X60X2400						A		106	229	304
7	Non-treated Metalized S/S smooth 1.5X60X2400 (Tony)						A		107	227	339
8	Non-treated W/W LDPE 1X60X4000						A		108	232	340
9	MB 67:33 (350 lb/A) Metalized B/S embossed 1.25X60X4000 Black on top						A		109	211	306
10	MB 67:33 (350 lb/A) Metalized S/B embossed 1.25X60X4000						A		110	212	305
11	MB 67:33 (350 lb/A) Metalized S/B smooth 1.25X60X4000						A		111	213	307
12	MB 67:33 (350 lb/A) W/B LDPE 1.25X60X4000						A		112	214	332
13	MB 67:33 (350 lb/A) VIF B/B Perry 1.25X60X2400						A		113	210	330
14	MB 67:33 (350 lb/A) Bromostop VIF B/B 1.25X60X2400						A		114	215	331
15	MB 67:33 (350 lb/A) Metalized S/S smooth 1.5X60X2400 (Tony)						A		115	216	308
16	MB 67:33 (350 lb/A) W/W LDPE 1X60X4000						A		116	209	329

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Reps: 3

Plots: 6 by 25 feet

Spray vol: 14.8 gal/ac

Mix size: 2 liters (min .57876)

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Unit	Appl Stg	Code	Amt Product to Measure	Plot No. By Rep		
									1	2	3
17	MIDAS (350 lb/A) Metalized B/S embossed 1.25X60X4000 Black on top						A		117	205	325
18	MIDAS (350 lb/A) Metalized S/B emboss 1.25X60X4000						A		118	204	326
19	MIDAS (350 lb/A) Metalized S/B smooth 1.25X60X4000						A		119	201	310
20	MIDAS (350 lb/A) W/B LDP 1.25X60X4000						A		120	203	327
21	MIDAS (350 lb/A) VIF B/B Perry 1.25X60X2400						A		121	206	309
22	MIDAS (350 lb/A) Bromostop B/B VIF 1.25X60X2400						A		122	208	312
23	MIDAS (350 lb/A) Metalized S/S smooth 1.5X60X2400 (Tony)						A		123	202	328
24	MIDAS (350 lb/A) W/W LDPE 1X60X4000						A		124	207	311
25	T2 (12G) + Pic (150lb) + Vapam (75G) Metalized B/S embossed 1.25X60X4000 Black on top						A A		125	235	344
26	T2 (12G) + Pic (150lb) + Vapam (75G) Metalized S/B embossed 1.25X60X4000						A A		126	236	343
27	T2 (12G) + Pic (150lb) + Vapam (75G) Metalized S/B smooth 1.25X60X4000						A A		127	239	313
28	T2 (12G) + Pic (150lb) + Vapam (75G) W/B LDPE 1.25X60X4000						A A		128	234	316
29	T2 (12G) + Pic (150lb) + Vapam (75G) VIF B/B Perry 1.25X60X2400						A A		129	237	314
30	T2 (12G) + Pic (150lb) + Vapam (75G) Bromostop B/B VIF 1.25X60X2400						A A		130	233	342
31	T2 (12G) + Pic (150lb) + Vapam (75G) Metalized S/S smooth 1.5X60X2400 (Tony)						A A		131	238	315

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Reps: 3

Plots: 6 by 25 feet

Spray vol: 14.8 gal/ac

Mix size: 2 liters (min .57876)

Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate	Grow Unit	Appl Stg	Amt Code	Product to Measure	Plot No. By Rep		
									1	2	3
32	T2 (12G) + Pic (150lb) + Vapam (75G) W/W LDPE 1X60X4000						A		132	240	341
33	MB 67:33 (250 lb/A) Metalized B/S embossed 1.25X60X4000 Black on top						A		133	218	317
34	MB 67:33 (250 lb/A) Metalized S/B embossed 1.25X60X4000						A		134	217	318
35	MB 67:33 (250 lb/A) Metalized S/B smooth 1.25X60X4000						A		135	221	319
36	MB 67:33 (250 lb/A) W/B LDPE 1.25X60X4000						A		136	222	320
37	MB 67:33 (250 lb/A) VIF B/B Perry 1.25X60X2400						A		137	220	335
38	MB 67:33 (250 lb/A) Bromostop B/B VIF 1.25X60X2400						A		138	223	334
39	MB 67:33 (250 lb/A) Metalized S/S smooth 1.5X60X2400 (Tony)						A		139	219	333
40	MB 67:33 (250 lb/A) W/W LDPE 1X60X4000						A		140	224	336
41	DMDS 80:20 (750 lbs) Metalized B/S embossed 1.25X60X4000 Black on top						A		142	242	346
42	DMDS 80:20 (750 lbs) Metalized S/B embossed 1.25X60X4000						A		141	241	345
43	DMDS 80:20 (750 lbs) Metalized S/B smooth 1.25X60X4000						A		143	244	347
44	DMDS 80:20 (750 lbs) W/B LDPE 1.25X60X4000						A		144	247	348
45	DMDS 80:20 (750 lbs) VIF B/B Perry 1.25X60X2400						A		145	245	323
46	DMDS 80:20 (750 lbs) Bromostop B/B VIF 1.25X60X2400						A		146	246	322
47	DMDS 80:20 (750 lbs) Metalized S/S smooth 1.5X60X2400 (Tony)						A		147	248	324
48	DMDS 80:20 (750 lbs) W/W LDPE 1X60X4000						A		148	243	321

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Reps: 3 Plots: 6 by 25 feet
 Spray vol: 14.8 gal/ac Mix size: 2 liters (min .57876)

Trt No.	Treatment Name	Form Conc	Form Type	Form Rate	Form Unit	Rate Stg	Grow Code	Appl to Measure	Amt Product 1	Plot No. 2	By Rep 3
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Sort Order: Treatment

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

Amount*	Unit	Treatment Name	Form Conc	Form Type	Lot Code
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- * 'Per area' calculations based on spray volume= 14.8 gal/ac, mix size= 2 liters (mix size basis).
- * Product amount calculations increased 25 % for overage adjustment.

Trial Comments

OBJECTIVE: Compare methyl bromide alternatives when applied under eight types of mulch for the second crop.

CROP 1: VISUAL NUTSEDGE CONTROL:

1. Color of mulch had a tremendous impact on nutsedge control. For example the mulches with black on top were so hot nutsedge control by the heat exceeded 75% control at 22 d after transplanting.
2. Excellent control was noted throughout the season with MB, MIDAS, and DMDS when applied under either metalized mulch or either VIF mulch. Less than 90% control was noted late-season when these fumigants were applied under metalized embossed mulch or LDPE mulch.
3. Overall the 3 way fumigant was less effective in this second cropping system compared to other treatments. In crop one it was noted that nutsedge escapes were occurring on the bed shoulder. This research shows that if excellent control is not noted in crop one then by crop two those few nutsedge plants surviving the first crop will reproduce quickly. Application of this system is crucial and improved weed control on the bed shoulder is critical.

CROP 1: SQUASH YIELD:

1. Main effect were significant.
2. Mulch color's impact on nutsedge control and fumigants impact on nutsedge control determined crop yield.
3. Pooled over mulches no differences in fumigant treatments were noted. Yields were increased at least 54% when compared to the non-treated control.

CROP 2: NUTSEDGE EMERGENCE COUNTS

1. Main effects were significant. When pooled over mulch types, no differences within fumigants were noted.
2. Mulch type did impact nutsedge emergence through the mulch when pooled over fumigant option. Less nutsedge was generally present in mulches that were black when the mulches were originally installed during crop 1 in the fall of 2005. Color of mulch had such a tremendous impact on nutsedge in the previous fall crop that nutsedge populations were impacted in the spring second crop as well.

GENERAL COMMENTS:

1. July 14, 2005: fumigants were applied, beds were formed and mulch was laid. Soil and air reached 94 degrees by mid day, moisture was ideal. MB, MIDAS, PIC, and DMDS were applied with super bedder plastic layer injected 8 inches deep with 3 knives on a 32 inch bedtop. Vapam was injected 4 inches deep with the injection knives 4 inches apart. Telone II was injected 10-12 inches deep with a Yetter applicator.
2. Several mulches were only available with a black surface including VIF PF and Bromostop VIF. We also took the metalized black/silver embossed film and laid it either with the silver or black side up.
3. Feb 22, 2006 Inline was inject over the trial area

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Crop 2

Trial ID: Veg28-06

Study Dir.: Stanley Culpepper

Location: Ponder (Field 5140)

Investigator: Stanley Culpepper

Weed Code	CYPRO	CYPRO	CYPRO	CYPRO	CYPRO	CYPRO	CYPRO	
Crop Code								
Rating Data Type	control	control	control	control	nutsedge	nutsedge	nutsedge	
Rating Unit	percent	percent	percent	percent	#/8ft	#/8ft	#/8ft	
Rating Date	Jul-25-05	Aug-05-05	Aug-11-05	Sep-06-05	Jul-28-05	Aug-02-05	Aug-08-05	
Trt-Eval Interval	11 DA-A	22 DA-A	28 DA-A	47 DA-A	14 DA-A	19 DA-A	25 DA-A	
ARM Action Codes								
# Subsamples, Dec.								
Trt No.	Treatment Name	Rate	Rate	Rate	Rate	Rate	Rate	
		Unit	Unit	Unit	Unit	Unit	Unit	
		1	2	3	4	5	6	
		7						
1	Non-treated Metalized B/S embossed 1.25X60X4000 Black on top	97 abc	75 fg	53 h	32 n	0 c	17 fgh	52 c
2	Non-treated Metalized S/B embossed 1.25X60X4000	0 d	0 h	0 i	0 o	73 b	220 a	109 b
3	Non-treated Metalized S/B smooth 1.25X60X4000	0 d	0 h	0 i	0 o	124 a	172 b	145 a
4	Non-treated W/B LDPE 1.25X60X4000	0 d	0 h	0 i	0 o	63 b	135 c	139 a
5	Non-treated VIF B/B Perry 1.25X60X2400	99 ab	77 efg	58 h	41 n	0 c	9 f-i	41 cd
6	Non-treated Bromostop VIF B/B 1.25X60X2400	99 ab	73 g	58 h	39 n	1 c	18 f	48 c
7	Non-treated Metalized S/S smooth 1.5X60X2400 (Tony)	0 d	0 h	3 i	3 o	68 b	109 d	92 b
8	Non-treated W/W LDPE 1X60X4000	0 d	0 h	0 i	0 o	73 b	94 e	95 b
9	MB 67:33 (350 lb/A) Metalized B/S embossed 1.25X60X4000 Black on top	100 a	97 ab	95 a-d	88 a-h	0 c	0 i	1 e
10	MB 67:33 (350 lb/A) Metalized S/B embossed 1.25X60X4000	100 a	97 ab	93 a-f	82 c-l	0 c	2 hi	2 e
11	MB 67:33 (350 lb/A) Metalized S/B smooth 1.25X60X4000	100 a	100 a	98 ab	94 a-d	0 c	7 f-i	1 e
12	MB 67:33 (350 lb/A) W/B LDPE 1.25X60X4000	100 a	94 a-d	87 c-g	76 f-m	1 c	0 i	16 de
13	MB 67:33 (350 lb/A) VIF B/B Perry 1.25X60X2400	100 a	100 a	100 a	100 a	0 c	0 i	0 e
14	MB 67:33 (350 lb/A) Bromostop VIF B/B 1.25X60X2400	100 a	100 a	100 a	100 a	0 c	0 i	0 e

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Weed Code	CYPRO	CYPRO	CYPRO	CYPRO	CYPRO	CYPRO	CYPRO	
Crop Code								
Rating Data Type	control	control	control	control	nutsedge	nutsedge	nutsedge	
Rating Unit	percent	percent	percent	percent	#/8ft	#/8ft	#/8ft	
Rating Date	Jul-25-05	Aug-05-05	Aug-11-05	Sep-06-05	Jul-28-05	Aug-02-05	Aug-08-05	
Trt-Eval Interval	11 DA-A	22 DA-A	28 DA-A	47 DA-A	14 DA-A	19 DA-A	25 DA-A	
ARM Action Codes								
# Subsamples, Dec.								
Trt Treatment	Rate							
No. Name	Rate Unit	1	2	3	4	5	6	7
15 MB 67:33 (350 lb/A) Metalized S/S smooth 1.5X60X2400 (Tony)		100 a	100 a	100 a	100 a	0 c	0 i	0 e
16 MB 67:33 (350 lb/A) W/W LDPE 1X60X4000		100 a	98 ab	90 a-g	83 a-j	0 c	1 i	2 e
17 MIDAS (350 lb/A) Metalized B/S embossed 1.25X60X4000 Black on top		100 a	97 ab	93 a-e	79 d-m	0 c	0 i	3 e
18 MIDAS (350 lb/A) Metalized S/B emboss 1.25X60X4000		100 a	95 abc	91 a-g	83 b-k	0 c	2 hi	5 e
19 MIDAS (350 lb/A) Metalized S/B smooth 1.25X60X4000		100 a	98 ab	97 abc	94 a-d	0 c	0 i	1 e
20 MIDAS (350 lb/A) W/B LDP 1.25X60X4000		99 ab	93 a-d	90 a-g	79 d-m	0 c	1 i	8 e
21 MIDAS (350 lb/A) VIF B/B Perry 1.25X60X2400		100 a	100 a	100 a	100 a	0 c	0 i	0 e
22 MIDAS (350 lb/A) Bromostop B/B VIF 1.25X60X2400		100 a	100 a	100 a	100 a	0 c	0 i	0 e
23 MIDAS (350 lb/A) Metalized S/S smooth 1.5X60X2400 (Tony)		100 a	100 a	99 ab	100 a	0 c	0 i	0 e
24 MIDAS (350 lb/A) W/W LDPE 1X60X4000		100 a	94 a-d	89 b-g	78 d-m	1 c	2 ghi	5 e
25 T2 (12G) + Pic (150lb) + Vapam (75G) Metalized B/S embossed 1.25X60X4000 Black on top		100 a	97 ab	90 a-g	66 klm	2 c	4 f-i	9 e
26 T2 (12G) + Pic (150lb) + Vapam (75G) Metalized S/B embossed 1.25X60X4000		97 abc	82 e	81 g	63 m	5 c	18 fg	15 de
27 T2 (12G) + Pic (150lb) + Vapam (75G) Metalized S/B smooth 1.25X60X4000		100 a	100 a	97 abc	87 a-h	1 c	1 i	1 e
28 T2 (12G) + Pic (150lb) + Vapam (75G) W/B LDPE 1.25X60X4000		98 abc	89 d	91 a-g	77 e-m	4 c	11 f-i	14 de

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Weed Code	CYPRO	CYPRO	CYPRO	CYPRO	CYPRO	CYPRO	CYPRO
Crop Code							
Rating Data Type	control	control	control	control	nutsedge	nutsedge	nutsedge
Rating Unit	percent	percent	percent	percent	#/8ft	#/8ft	#/8ft
Rating Date	Jul-25-05	Aug-05-05	Aug-11-05	Sep-06-05	Jul-28-05	Aug-02-05	Aug-08-05
Trt-Eval Interval	11 DA-A	22 DA-A	28 DA-A	47 DA-A	14 DA-A	19 DA-A	25 DA-A
ARM Action Codes							
# Subsamples, Dec.							
Trt Treatment	Rate	Rate	Rate	Rate	Rate	Rate	Rate
No. Name	Rate Unit	Rate Unit	Rate Unit	Rate Unit	Rate Unit	Rate Unit	Rate Unit
	1	2	3	4	5	6	7
29 T2 (12G) + Pic (150lb) + Vapam (75G) VIF B/B Perry 1.25X60X2400	97 abc	100 a	95 a-d	91 a-f	0 c	0 i	1 e
30 T2 (12G) + Pic (150lb) + Vapam (75G) Bromostop B/B VIF 1.25X60X2400	100 a	97 ab	95 a-d	90 a-g	0 c	2 hi	4 e
31 T2 (12G) + Pic (150lb) + Vapam (75G) Metalized S/S smooth 1.5X60X2400 (Tony)	100 a	100 a	98 ab	88 a-h	0 c	1 hi	1 e
32 T2 (12G) + Pic (150lb) + Vapam (75G) W/W LDPE 1X60X4000	100 a	93 a-d	91 a-g	67 j-m	3 c	4 f-i	5 e
33 MB 67:33 (250 lb/A) Metalized B/S embossed 1.25X60X4000 Black on top	100 a	97 ab	92 a-f	72 h-m	0 c	0 i	4 e
34 MB 67:33 (250 lb/A) Metalized S/B embossed 1.25X60X4000	100 a	98 ab	93 a-e	79 d-m	0 c	2 hi	3 e
35 MB 67:33 (250 lb/A) Metalized S/B smooth 1.25X60X4000	100 a	97 ab	96 abc	93 a-e	0 c	1 hi	1 e
36 MB 67:33 (250 lb/A) W/B LDPE 1.25X60X4000	100 a	93 bcd	83 fg	79 d-m	0 c	2 ghi	11 de
37 MB 67:33 (250 lb/A) VIF B/B Perry 1.25X60X2400	100 a	100 a	100 a	97 abc	0 c	0 i	0 e
38 MB 67:33 (250 lb/A) Bromostop B/B VIF 1.25X60X2400	100 a	100 a	100 a	100 a	0 c	0 i	0 e
39 MB 67:33 (250 lb/A) Metalized S/S smooth 1.5X60X2400 (Tony)	100 a	100 a	100 a	100 a	0 c	0 i	0 e
40 MB 67:33 (250 lb/A) W/W LDPE 1X60X4000	100 a	99 ab	95 a-d	84 a-i	0 c	1 i	4 e
41 DMDS 80:20 (750 lbs) Metalized B/S embossed 1.25X60X4000 Black on top	100 a	98 ab	94 a-d	73 g-m	0 c	0 i	4 e
42 DMDS 80:20 (750 lbs) Metalized S/B embossed 1.25X60X4000	99 abc	89 cd	86 d-g	65 lm	4 c	7 f-i	11 de

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Weed Code	CYPRO	CYPRO	CYPRO	CYPRO	CYPRO	CYPRO	CYPRO	
Crop Code								
Rating Data Type	control	control	control	control	nutsedge	nutsedge	nutsedge	
Rating Unit	percent	percent	percent	percent	#/8ft	#/8ft	#/8ft	
Rating Date	Jul-25-05	Aug-05-05	Aug-11-05	Sep-06-05	Jul-28-05	Aug-02-05	Aug-08-05	
Trt-Eval Interval	11 DA-A	22 DA-A	28 DA-A	47 DA-A	14 DA-A	19 DA-A	25 DA-A	
ARM Action Codes								
# Subsamples, Dec.								
Trt Treatment	Rate							
No. Name	Rate Unit	1	2	3	4	5	6	7
43 DMDS 80:20 (750 lbs) Metalized S/B smooth 1.25X60X4000		100 a	100 a	100 a	99 ab	0 c	0 i	0 e
44 DMDS 80:20 (750 lbs) W/B LDPE 1.25X60X4000		96 c	80 ef	82 g	69 i-m	7 c	7 f-i	14 de
45 DMDS 80:20 (750 lbs) VIF B/B Perry 1.25X60X2400		100 a	100 ab	100 a	100 a	0 c	0 i	0 e
46 DMDS 80:20 (750 lbs) Bromostop B/B VIF 1.25X60X2400		100 a	100 a	100 a	98 abc	0 c	0 i	0 e
47 DMDS 80:20 (750 lbs) Metalized S/S smooth 1.5X60X2400 (Tony)		100 a	99 ab	100 a	98 abc	0 c	0 i	0 e
48 DMDS 80:20 (750 lbs) W/W LDPE 1X60X4000		96 bc	90 cd	83 efg	72 h-m	4 c	7 f-i	9 de
LSD (P=.05)		3.0	5.5	8.3	13.8	16.3	13.1	27.0
Standard Deviation		1.9	3.4	5.1	8.5	10.1	8.1	16.7
CV		2.1	3.97	6.24	11.5	111.5	45.31	91.69
Bartlett's X2		29.045	27.145	45.627	50.829	134.708	135.462	191.432
P(Bartlett's X2)		0.001*	0.456	0.034*	0.041*	0.001*	0.001*	0.001*

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

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Weed Code	CYPRO	harv 1	harv 1	harv 1	harv 1	harv 2	harv 2	
Crop Code		CUUPE	CUUPE	CUUPE	CUUPE	CUUPE	CUUPE	
Rating Data Type	nutsedge	fruit	fruit	cull	cull	fruit	fruit	
Rating Unit	#/8ft	#/plot	lb/plot	#/plot	lb/plot	#/plot	lb/plot	
Rating Date	Aug-31-05	Aug-29-05	Aug-29-05	Aug-29-05	Aug-29-05	Aug-31-05	Aug-31-05	
Trt-Eval Interval	48 DA-A	46 DA-A	46 DA-A	46 DA-A	46 DA-A	48 DA-A	48 DA-A	
ARM Action Codes								
# Subsamples, Dec.								
Trt Treatment	Rate							
No. Name	Rate Unit	8	9	10	11	12	13	14
1 Non-treated Metalized B/S embossed 1.25X60X4000 Black on top	89 bc	2 fgh	0 c-f	0 a	0 b	0 e	0 d	
2 Non-treated Metalized S/B embossed 1.25X60X4000	150 a	0 h	0 f	0 a	0 b	0 e	0 d	
3 Non-treated Metalized S/B smooth 1.25X60X4000	143 a	0 h	0 f	0 a	0 b	0 e	0 d	
4 Non-treated W/B LDPE 1.25X60X4000	144 a	0 h	0 f	0 a	0 b	0 e	0 d	
5 Non-treated VIF B/B Perry 1.25X60X2400	70 cd	2 gh	0 ef	0 a	0 b	0 e	0 d	
6 Non-treated Bromostop VIF B/B 1.25X60X2400	73 bcd	1 gh	0 a-f	0 a	0 b	0 e	0 d	
7 Non-treated Metalized S/S smooth 1.5X60X2400 (Tony)	95 b	0 h	0 f	0 a	0 b	0 e	0 d	
8 Non-treated W/W LDPE 1X60X4000	94 bc	0 h	0 f	0 a	0 b	0 e	0 d	
9 MB 67:33 (350 lb/A) Metalized B/S embossed 1.25X60X4000 Black on top	14 i-n	4 d-h	0 b-f	0 a	0 b	0 e	0 d	
10 MB 67:33 (350 lb/A) Metalized S/B embossed 1.25X60X4000	25 f-n	11 abc	0 a-f	0 a	0 a	4 ab	0 abc	
11 MB 67:33 (350 lb/A) Metalized S/B smooth 1.25X60X4000	8 j-n	17 a	0 abc	0 a	0 b	1 cde	0 bcd	
12 MB 67:33 (350 lb/A) W/B LDPE 1.25X60X4000	28 f-m	10 bcd	0 a-f	0 a	0 b	3 a-d	0 a-d	
13 MB 67:33 (350 lb/A) VIF B/B Perry 1.25X60X2400	0 n	0 h	0 f	0 a	0 b	0 e	0 d	
14 MB 67:33 (350 lb/A) Bromostop VIF B/B 1.25X60X2400	0 n	2 gh	0 ef	0 a	0 b	0 e	0 d	
15 MB 67:33 (350 lb/A) Metalized S/S smooth 1.5X60X2400 (Tony)	0 n	9 b-f	0 a-f	0 a	0 b	4 ab	0 a-d	

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Weed Code	CYPRO	harv 1	harv 1	harv 1	harv 1	harv 2	harv 2		
Crop Code		CUUPE	CUUPE	CUUPE	CUUPE	CUUPE	CUUPE		
Rating Data Type	nutsedge	fruit	fruit	cull	cull	fruit	fruit		
Rating Unit	#/8ft	#/plot	lb/plot	#/plot	lb/plot	#/plot	lb/plot		
Rating Date	Aug-31-05	Aug-29-05	Aug-29-05	Aug-29-05	Aug-29-05	Aug-31-05	Aug-31-05		
Trt-Eval Interval	48 DA-A	46 DA-A	46 DA-A	46 DA-A	46 DA-A	48 DA-A	48 DA-A		
ARM Action Codes									
# Subsamples, Dec.									
Trt No.	Treatment Name	Rate	8	9	10	11	12	13	14
		Unit							
16	MB 67:33 (350 lb/A) W/W LDPE 1X60X4000	24 f-n	14 ab	0 a-d	0 a	0 b	2 b-e	0 bcd	
17	MIDAS (350 lb/A) Metalized B/S embossed 1.25X60X4000 Black on top	28 f-m	0 h	0 f	0 a	0 b	0 e	0 d	
18	MIDAS (350 lb/A) Metalized S/B emboss 1.25X60X4000	32 e-l	9 b-e	0 a-f	0 a	0 b	3 abc	0 a-d	
19	MIDAS (350 lb/A) Metalized S/B smooth 1.25X60X4000	8 j-n	12 abc	0 abc	0 a	0 b	2 b-e	0 a-d	
20	MIDAS (350 lb/A) W/B LDP 1.25X60X4000	26 f-n	9 b-e	0 a-f	0 a	0 b	2 b-e	0 bcd	
21	MIDAS (350 lb/A) VIF B/B Perry 1.25X60X2400	3 mn	0 h	0 f	0 a	0 b	0 e	0 d	
22	MIDAS (350 lb/A) Bromostop B/B VIF 1.25X60X2400	0 n	0 h	0 f	0 a	0 b	0 e	0 d	
23	MIDAS (350 lb/A) Metalized S/S smooth 1.5X60X2400 (Tony)	0 n	9 b-f	0 a-f	0 a	0 b	3 a-d	0 bcd	
24	MIDAS (350 lb/A) W/W LDPE 1X60X4000	23 g-n	13 ab	0 a-e	0 a	0 b	3 abc	0 a-d	
25	T2 (12G) + Pic (150lb) + Vapam (75G) Metalized B/S embossed 1.25X60X4000 Black on top	34 e-k	4 d-h	0 ab	0 a	0 b	1 de	0 cd	
26	T2 (12G) + Pic (150lb) + Vapam (75G) Metalized S/B embossed 1.25X60X4000	49 d-g	0 h	0 f	0 a	0 b	0 e	0 d	
27	T2 (12G) + Pic (150lb) + Vapam (75G) Metalized S/B smooth 1.25X60X4000	7 k-n	3 e-h	0 def	0 a	0 b	0 e	0 d	
28	T2 (12G) + Pic (150lb) + Vapam (75G) W/B LDPE 1.25X60X4000	25 f-n	6 c-h	0 b-f	0 a	0 b	0 e	0 d	
29	T2 (12G) + Pic (150lb) + Vapam (75G) VIF B/B Perry 1.25X60X2400	7 k-n	0 h	0 f	0 a	0 b	0 e	0 d	

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Weed Code	CYPRO	harv 1	harv 1	harv 1	harv 1	harv 2	harv 2	
Crop Code		CUUPE	CUUPE	CUUPE	CUUPE	CUUPE	CUUPE	
Rating Data Type	nutsedge	fruit	fruit	cull	cull	fruit	fruit	
Rating Unit	#/8ft	#/plot	lb/plot	#/plot	lb/plot	#/plot	lb/plot	
Rating Date	Aug-31-05	Aug-29-05	Aug-29-05	Aug-29-05	Aug-29-05	Aug-31-05	Aug-31-05	
Trt-Eval Interval	48 DA-A	46 DA-A	46 DA-A	46 DA-A	46 DA-A	48 DA-A	48 DA-A	
ARM Action Codes								
# Subsamples, Dec.								
Trt Treatment	Rate							
No. Name	Rate Unit	8	9	10	11	12	13	14
30 T2 (12G) + Pic (150lb) + Vapam (75G) Bromostop B/B VIF 1.25X60X2400	18 h-n	0 h	0 f	0 a	0 b	0 e	0 d	
31 T2 (12G) + Pic (150lb) + Vapam (75G) Metalized S/S smooth 1.5X60X2400 (Tony)	5 lmn	2 gh	0 ef	0 a	0 b	0 e	0 d	
32 T2 (12G) + Pic (150lb) + Vapam (75G) W/W LDPE 1X60X4000	28 f-n	4 d-h	0 c-f	0 a	0 b	1 de	0 cd	
33 MB 67:33 (250 lb/A) Metalized B/S embossed 1.25X60X4000 Black on top	35 e-j	0 h	0 f	0 a	0 b	0 e	0 d	
34 MB 67:33 (250 lb/A) Metalized S/B embossed 1.25X60X4000	29 f-m	10 bcd	0 abc	0 a	0 a	0 e	0 ab	
35 MB 67:33 (250 lb/A) Metalized S/B smooth 1.25X60X4000	8 j-n	11 bc	0 a-f	0 a	0 b	3 abc	0 a	
36 MB 67:33 (250 lb/A) W/B LDPE 1.25X60X4000	40 e-i	8 b-g	0 a	0 a	0 b	2 b-e	0 bcd	
37 MB 67:33 (250 lb/A) VIF B/B Perry 1.25X60X2400	3 mn	0 h	0 f	0 a	0 b	0 e	0 d	
38 MB 67:33 (250 lb/A) Bromostop B/B VIF 1.25X60X2400	0 n	0 h	0 f	0 a	0 b	0 e	0 d	
39 MB 67:33 (250 lb/A) Metalized S/S smooth 1.5X60X2400 (Tony)	0 n	10 bcd	0 a-f	0 a	0 b	3 abc	0 a-d	
40 MB 67:33 (250 lb/A) W/W LDPE 1X60X4000	38 e-i	12 abc	0 a-e	0 a	0 b	5 a	0 ab	
41 DMDS 80:20 (750 lbs) Metalized B/S embossed 1.25X60X4000 Black on top	34 e-k	2 fgh	0 ef	0 a	0 b	0 e	0 d	
42 DMDS 80:20 (750 lbs) Metalized S/B embossed 1.25X60X4000	56 de	11 bc	0 a-f	0 a	0 a	1 cde	0 bcd	
43 DMDS 80:20 (750 lbs) Metalized S/B smooth 1.25X60X4000	2 mn	6 c-h	0 c-f	0 a	0 ab	3 a-d	0 bcd	

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Weed Code	CYPRO	harv 1	harv 1	harv 1	harv 1	harv 2	harv 2	
Crop Code		CUUPE	CUUPE	CUUPE	CUUPE	CUUPE	CUUPE	
Rating Data Type	nutsedge	fruit	fruit	cull	cull	fruit	fruit	
Rating Unit	#/8ft	#/plot	lb/plot	#/plot	lb/plot	#/plot	lb/plot	
Rating Date	Aug-31-05	Aug-29-05	Aug-29-05	Aug-29-05	Aug-29-05	Aug-31-05	Aug-31-05	
Trt-Eval Interval	48 DA-A	46 DA-A	46 DA-A	46 DA-A	46 DA-A	48 DA-A	48 DA-A	
ARM Action Codes								
# Subsamples, Dec.								
Trt Treatment	Rate							
No. Name	Rate Unit	8	9	10	11	12	13	14
44 DMDS 80:20 (750 lbs) W/B LDPE 1.25X60X4000	51 def	7 b-g	0 b-f	0 a	0 b	0 e	0 d	
45 DMDS 80:20 (750 lbs) VIF B/B Perry 1.25X60X2400	0 n	0 h	0 f	0 a	0 b	0 e	0 d	
46 DMDS 80:20 (750 lbs) Bromostop B/B VIF 1.25X60X2400	1 mn	0 h	0 f	0 a	0 b	0 e	0 d	
47 DMDS 80:20 (750 lbs) Metalized S/S smooth 1.5X60X2400 (Tony)	2 mn	9 b-e	0 a-f	0 a	0 b	2 b-e	0 bcd	
48 DMDS 80:20 (750 lbs) W/W LDPE 1X60X4000	42 e-h	4 d-h	0 b-f	0 a	0 b	0 e	0 d	
LSD (P=.05)	22.3	5.4	0.2	0.3	0.0	1.9	0.2	
Standard Deviation	13.8	3.4	0.1	0.2	0.0	1.2	0.1	
CV	41.54	69.69	104.39	595.19	599.91	113.09	160.37	
Bartlett's X2	75.928	31.999	80.915	0.0	0.221	30.037	53.214	
P(Bartlett's X2)	0.001*	0.368	0.001*	1.00	0.974	0.118	0.001*	

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

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Weed Code	harv 2 CUUPE	harv 2 CUUPE	harv 3 CUUPE	harv 3 CUUPE	harv 3 CUUPE	harv 3 CUUPE	harv 4 CUUPE
Crop Code							
Rating Data Type	cull	cull	fruit	fruit	cull	cull	fruit
Rating Unit	#/plot	lb/plot	#/plot	lb/plot	#/plot	lb/plot	#/plot
Rating Date	Aug-31-05	Aug-31-05	Sep-02-05	Sep-02-05	Sep-02-05	Sep-02-05	Sep-05-05
Trt-Eval Interval	48 DA-A	48 DA-A	50 DA-A	50 DA-A	50 DA-A	50 DA-A	53 DA-A
ARM Action Codes							
# Subsamples, Dec.							
Trt Treatment	Rate	Rate	Rate	Rate	Rate	Rate	Rate
No. Name	Rate Unit	Rate Unit	Rate Unit	Rate Unit	Rate Unit	Rate Unit	Rate Unit
	15	16	17	18	19	20	21
1 Non-treated Metalized B/S embossed 1.25X60X4000 Black on top	0 a	0 a	7 b-j	1 h-p	0 b	0 b	8 i-o
2 Non-treated Metalized S/B embossed 1.25X60X4000	0 a	0 a	2 i-l	0 m-p	0 b	0 b	0 p
3 Non-treated Metalized S/B smooth 1.25X60X4000	0 a	0 a	0 l	0 p	0 b	0 b	1 p
4 Non-treated W/B LDPE 1.25X60X4000	0 a	0 a	0 kl	0 op	0 b	0 b	1 op
5 Non-treated VIF B/B Perry 1.25X60X2400	0 a	0 a	6 c-k	1 f-p	0 b	0 b	7 j-p
6 Non-treated Bromostop VIF B/B 1.25X60X2400	0 a	0 a	4 f-l	0 k-p	0 b	0 b	7 j-p
7 Non-treated Metalized S/S smooth 1.5X60X2400 (Tony)	0 a	0 a	2 h-l	0 m-p	0 b	0 b	2 nop
8 Non-treated W/W LDPE 1X60X4000	0 a	0 a	2 i-l	0 m-p	0 b	0 b	4 m-p
9 MB 67:33 (350 lb/A) Metalized B/S embossed 1.25X60X4000 Black on top	0 a	0 a	5 d-l	1 g-p	0 ab	0 b	13 b-j
10 MB 67:33 (350 lb/A) Metalized S/B embossed 1.25X60X4000	0 a	0 a	13 a	2 a-f	0 b	0 b	16 a-g
11 MB 67:33 (350 lb/A) Metalized S/B smooth 1.25X60X4000	0 a	0 a	13 a	2 a	0 ab	0 b	18 a-d
12 MB 67:33 (350 lb/A) W/B LDPE 1.25X60X4000	0 a	0 a	7 b-j	1 g-p	0 ab	0 b	17 a-f
13 MB 67:33 (350 lb/A) VIF B/B Perry 1.25X60X2400	0 a	0 a	5 d-l	1 j-p	0 b	0 b	12 c-k
14 MB 67:33 (350 lb/A) Bromostop VIF B/B 1.25X60X2400	0 a	0 a	8 a-g	1 g-p	0 b	0 b	12 d-k
15 MB 67:33 (350 lb/A) Metalized S/S smooth 1.5X60X2400 (Tony)	0 a	0 a	12 abc	2 a-d	0 b	0 b	19 ab

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Weed Code	harv 2 CUUPE	harv 2 CUUPE	harv 3 CUUPE	harv 3 CUUPE	harv 3 CUUPE	harv 3 CUUPE	harv 4 CUUPE	
Crop Code								
Rating Data Type	cull	cull	fruit	fruit	cull	cull	fruit	
Rating Unit	#/plot	lb/plot	#/plot	lb/plot	#/plot	lb/plot	#/plot	
Rating Date	Aug-31-05	Aug-31-05	Sep-02-05	Sep-02-05	Sep-02-05	Sep-02-05	Sep-05-05	
Trt-Eval Interval	48 DA-A	48 DA-A	50 DA-A	50 DA-A	50 DA-A	50 DA-A	53 DA-A	
ARM Action Codes								
# Subsamples, Dec.								
Trt No.	Treatment Name	Rate	Rate	Rate	Rate	Rate	Rate	
Unit	Rate Unit	15	16	17	18	19	20	
16	MB 67:33 (350 lb/A) W/W LDPE 1X60X4000	0 a	0 a	11 a-e	2 a-h	0 b	0 b	18 a-d
17	MIDAS (350 lb/A) Metalized B/S embossed 1.25X60X4000 Black on top	0 a	0 a	5 d-l	1 h-p	0 b	0 b	14 a-i
18	MIDAS (350 lb/A) Metalized S/B emboss 1.25X60X4000	0 a	0 a	11 a-e	2 a-g	0 b	0 b	17 a-e
19	MIDAS (350 lb/A) Metalized S/B smooth 1.25X60X4000	0 a	0 a	11 a-e	2 ab	0 b	0 b	21 a
20	MIDAS (350 lb/A) W/B LDP 1.25X60X4000	0 a	0 a	9 a-f	1 a-k	0 b	0 b	17 a-e
21	MIDAS (350 lb/A) VIF B/B Perry 1.25X60X2400	0 a	0 a	1 jkl	0 nop	0 b	0 b	3 nop
22	MIDAS (350 lb/A) Bromostop B/B VIF 1.25X60X2400	0 a	0 a	2 i-l	0 m-p	0 b	0 b	3 m-p
23	MIDAS (350 lb/A) Metalized S/S smooth 1.5X60X2400 (Tony)	0 a	0 a	9 a-f	2 a-j	0 b	0 b	19 abc
24	MIDAS (350 lb/A) W/W LDPE 1X60X4000	0 a	0 a	12 a-d	2 a-e	0 b	0 b	17 a-e
25	T2 (12G) + Pic (150lb) + Vapam (75G) Metalized B/S embossed 1.25X60X4000 Black on top	0 a	0 a	3 f-l	0 l-p	0 b	0 b	13 b-j
26	T2 (12G) + Pic (150lb) + Vapam (75G) Metalized S/B embossed 1.25X60X4000	0 a	0 a	6 c-l	1 i-p	0 b	0 b	8 i-o
27	T2 (12G) + Pic (150lb) + Vapam (75G) Metalized S/B smooth 1.25X60X4000	0 a	0 a	8 a-h	1 g-p	0 b	0 b	15 a-h
28	T2 (12G) + Pic (150lb) + Vapam (75G) W/B LDPE 1.25X60X4000	0 a	0 a	8 a-h	1 e-o	0 b	0 b	15 a-h
29	T2 (12G) + Pic (150lb) + Vapam (75G) VIF B/B Perry 1.25X60X2400	0 a	0 a	6 c-l	1 h-p	0 b	0 b	7 j-p

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Weed Code	harv 2 CUUPE	harv 2 CUUPE	harv 3 CUUPE	harv 3 CUUPE	harv 3 CUUPE	harv 3 CUUPE	harv 4 CUUPE
Crop Code	cull	cull	fruit	fruit	cull	cull	fruit
Rating Data Type	#/plot	lb/plot	#/plot	lb/plot	#/plot	lb/plot	#/plot
Rating Unit	Aug-31-05	Aug-31-05	Sep-02-05	Sep-02-05	Sep-02-05	Sep-02-05	Sep-05-05
Rating Date	48 DA-A	48 DA-A	50 DA-A	50 DA-A	50 DA-A	50 DA-A	53 DA-A
Trt-Eval Interval							
ARM Action Codes							
# Subsamples, Dec.							
Trt Treatment	Rate	Rate	Rate	Rate	Rate	Rate	Rate
No. Name	Rate Unit	Rate Unit	Rate Unit	Rate Unit	Rate Unit	Rate Unit	Rate Unit
	15	16	17	18	19	20	21
30 T2 (12G) + Pic (150lb) + Vapam (75G) Bromostop B/B VIF 1.25X60X2400	0 a	0 a	1 jkl	0 op	0 b	0 b	5 l-p
31 T2 (12G) + Pic (150lb) + Vapam (75G) Metalized S/S smooth 1.5X60X2400 (Tony)	0 a	0 a	8 a-h	1 d-n	1 a	0 a	14 a-i
32 T2 (12G) + Pic (150lb) + Vapam (75G) W/W LDPE 1X60X4000	0 a	0 a	9 a-f	1 b-l	0 b	0 b	15 a-h
33 MB 67:33 (250 lb/A) Metalized B/S embossed 1.25X60X4000 Black on top	0 a	0 a	6 d-l	1 i-p	0 b	0 b	11 e-l
34 MB 67:33 (250 lb/A) Metalized S/B embossed 1.25X60X4000	0 a	0 a	12 abc	2 abc	0 ab	0 b	17 a-e
35 MB 67:33 (250 lb/A) Metalized S/B smooth 1.25X60X4000	0 a	0 a	12 a-d	2 a-i	0 b	0 b	18 a-e
36 MB 67:33 (250 lb/A) W/B LDPE 1.25X60X4000	0 a	0 a	8 a-i	1 e-o	0 ab	0 b	16 a-h
37 MB 67:33 (250 lb/A) VIF B/B Perry 1.25X60X2400	0 a	0 a	5 e-l	1 j-p	0 b	0 b	13 b-k
38 MB 67:33 (250 lb/A) Bromostop B/B VIF 1.25X60X2400	0 a	0 a	6 d-l	1 i-p	0 b	0 b	15 a-h
39 MB 67:33 (250 lb/A) Metalized S/S smooth 1.5X60X2400 (Tony)	0 a	0 a	12 abc	2 a-h	0 b	0 b	16 a-g
40 MB 67:33 (250 lb/A) W/W LDPE 1X60X4000	0 a	0 a	9 a-g	1 f-p	0 b	0 b	17 a-e
41 DMDS 80:20 (750 lbs) Metalized B/S embossed 1.25X60X4000 Black on top	0 a	0 a	5 e-l	1 i-p	0 b	0 b	6 k-p
42 DMDS 80:20 (750 lbs) Metalized S/B embossed 1.25X60X4000	0 a	0 a	14 a	2 abc	0 b	0 b	12 d-k
43 DMDS 80:20 (750 lbs) Metalized S/B smooth 1.25X60X4000	0 a	0 a	11 a-e	1 a-k	0 b	0 b	14 a-i

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Weed Code	harv 2 CUUPE	harv 2 CUUPE	harv 3 CUUPE	harv 3 CUUPE	harv 3 CUUPE	harv 3 CUUPE	harv 4 CUUPE
Crop Code	cull	cull	fruit	fruit	cull	cull	fruit
Rating Data Type	#/plot	lb/plot	#/plot	lb/plot	#/plot	lb/plot	#/plot
Rating Unit	Aug-31-05	Aug-31-05	Sep-02-05	Sep-02-05	Sep-02-05	Sep-02-05	Sep-05-05
Rating Date	48 DA-A	48 DA-A	50 DA-A	50 DA-A	50 DA-A	50 DA-A	53 DA-A
Trt-Eval Interval	ARM Action Codes						
ARM Action Codes	# Subsamples, Dec.						
# Subsamples, Dec.	Trt Treatment						
Trt No.	Rate		Rate		Rate		Rate
Treatment Name	Rate	Unit	Rate	Unit	Rate	Unit	Rate
	15		16		17		18
	19		20		21		
44 DMDS 80:20 (750 lbs) W/B LDPE 1.25X60X4000	0 a		0 a		9 a-g		1 c-m
45 DMDS 80:20 (750 lbs) VIF B/B Perry 1.25X60X2400	0 a		0 a		3 g-l		0 l-p
46 DMDS 80:20 (750 lbs) Bromostop B/B VIF 1.25X60X2400	0 a		0 a		5 e-l		1 j-p
47 DMDS 80:20 (750 lbs) Metalized S/S smooth 1.5X60X2400 (Tony)	0 a		0 a		13 ab		2 a-d
48 DMDS 80:20 (750 lbs) W/W LDPE 1X60X4000	0 a		0 a		11 a-e		2 a-e
LSD (P=.05)	0.0		0.0		5.1		0.8
Standard Deviation	0.0		0.0		3.1		0.5
CV	0.0		0.0		43.51		48.11
Bartlett's X2	0.0		0.0		48.356		67.032
P(Bartlett's X2)	.		.		0.301		0.023*
							0.3
							0.0
							0.0
							29.12
							5.525
							0.886

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

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Weed Code	harv 4 CUUPE	harv 4 CUUPE	harv 4 CUUPE	harv 5 CUUPE	harv 5 CUUPE	harv 5 CUUPE	harv 5 CUUPE
Crop Code	fruit	cull	cull	fruit	fruit	cull	cull
Rating Data Type	lb/plot	#/plot	lb/plot	#/plot	lb/plot	#/plot	lb/plot
Rating Unit	Sep-05-05	Sep-05-05	Sep-05-05	Sep-07-05	Sep-07-05	Sep-07-05	Sep-07-05
Rating Date	53 DA-A	53 DA-A	53 DA-A	55 DA-A	55 DA-A	55 DA-A	55 DA-A
Trt-Eval Interval							
ARM Action Codes							
# Subsamples, Dec.							
Trt Treatment	Rate	Rate	Rate	Rate	Rate	Rate	Rate
No. Name	Rate Unit	Rate Unit	Rate Unit	Rate Unit	Rate Unit	Rate Unit	Rate Unit
	22	23	24	25	26	27	28
1 Non-treated Metalized B/S embossed 1.25X60X4000 Black on top	1 k-p	0 a	0 b	6 h-k	0 f-i	0 b	0 c
2 Non-treated Metalized S/B embossed 1.25X60X4000	0 p	0 a	0 b	0 l	0 i	0 b	0 c
3 Non-treated Metalized S/B smooth 1.25X60X4000	0 p	0 a	0 b	1 kl	0 hi	0 b	0 c
4 Non-treated W/B LDPE 1.25X60X4000	0 p	0 a	0 b	1 kl	0 i	0 b	0 c
5 Non-treated VIF B/B Perry 1.25X60X2400	1 k-p	0 a	0 b	8 e-j	1 c-i	0 b	0 c
6 Non-treated Bromostop VIF B/B 1.25X60X2400	1 k-p	0 a	0 b	8 e-j	1 d-i	0 b	0 c
7 Non-treated Metalized S/S smooth 1.5X60X2400 (Tony)	0 op	0 a	0 b	4 i-l	0 ghi	0 b	0 c
8 Non-treated W/W LDPE 1X60X4000	0 l-p	0 a	0 b	3 jkl	0 hi	0 b	0 c
9 MB 67:33 (350 lb/A) Metalized B/S embossed 1.25X60X4000 Black on top	1 d-k	0 a	0 b	12 a-h	1 a-f	1 b	0 abc
10 MB 67:33 (350 lb/A) Metalized S/B embossed 1.25X60X4000	2 b-e	1 a	0 ab	14 abc	1 a-e	2 ab	0 ab
11 MB 67:33 (350 lb/A) Metalized S/B smooth 1.25X60X4000	2 ab	1 a	0 ab	15 ab	1 ab	1 b	0 bc
12 MB 67:33 (350 lb/A) W/B LDPE 1.25X60X4000	2 a-d	0 a	0 ab	10 b-h	1 a-f	1 b	0 abc
13 MB 67:33 (350 lb/A) VIF B/B Perry 1.25X60X2400	1 f-k	0 a	0 b	9 c-i	1 b-h	0 b	0 bc
14 MB 67:33 (350 lb/A) Bromostop VIF B/B 1.25X60X2400	1 h-n	1 a	0 ab	10 b-h	1 a-g	1 b	0 abc
15 MB 67:33 (350 lb/A) Metalized S/S smooth 1.5X60X2400 (Tony)	2 abc	1 a	0 a	15 ab	2 a	1 b	0 abc

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Weed Code	harv 4 CUUPE	harv 4 CUUPE	harv 4 CUUPE	harv 5 CUUPE	harv 5 CUUPE	harv 5 CUUPE	harv 5 CUUPE	
Crop Code	fruit	cull	cull	fruit	fruit	cull	cull	
Rating Data Type	lb/plot	#/plot	lb/plot	#/plot	lb/plot	#/plot	lb/plot	
Rating Unit	Sep-05-05	Sep-05-05	Sep-05-05	Sep-07-05	Sep-07-05	Sep-07-05	Sep-07-05	
Rating Date	53 DA-A	53 DA-A	53 DA-A	55 DA-A	55 DA-A	55 DA-A	55 DA-A	
Trt-Eval Interval								
ARM Action Codes								
# Subsamples, Dec.								
Trt No.	Treatment Name	Rate	Rate	Rate	Rate	Rate	Rate	
		Unit	Unit	Unit	Unit	Unit	Unit	
		22	23	24	25	26	27	28
16	MB 67:33 (350 lb/A) W/W LDPE 1X60X4000	2 ab	1 a	0 ab	12 a-g	1 a-f	1 b	0 abc
17	MIDAS (350 lb/A) Metalized B/S embossed 1.25X60X4000 Black on top	1 e-k	0 a	0 b	10 b-h	1 a-f	0 b	0 c
18	MIDAS (350 lb/A) Metalized S/B emboss 1.25X60X4000	2 a-e	1 a	0 ab	11 a-h	1 a-f	2 ab	0 abc
19	MIDAS (350 lb/A) Metalized S/B smooth 1.25X60X4000	3 a	1 a	0 ab	15 ab	1 a-d	1 b	0 abc
20	MIDAS (350 lb/A) W/B LDP 1.25X60X4000	2 ab	0 a	0 b	13 a-f	1 abc	1 b	0 bc
21	MIDAS (350 lb/A) VIF B/B Perry 1.25X60X2400	0 op	0 a	0 b	4 i-l	0 f-i	0 b	0 c
22	MIDAS (350 lb/A) Bromostop B/B VIF 1.25X60X2400	0 nop	0 a	0 ab	7 f-j	1 e-i	0 b	0 c
23	MIDAS (350 lb/A) Metalized S/S smooth 1.5X60X2400 (Tony)	2 ab	1 a	0 ab	14 a-d	1 a-f	1 b	0 bc
24	MIDAS (350 lb/A) W/W LDPE 1X60X4000	2 a-e	0 a	0 ab	12 a-h	1 a-f	2 ab	0 abc
25	T2 (12G) + Pic (150lb) + Vapam (75G) Metalized B/S embossed 1.25X60X4000 Black on top	1 e-k	0 a	0 b	8 e-j	1 f-i	0 b	0 c
26	T2 (12G) + Pic (150lb) + Vapam (75G) Metalized S/B embossed 1.25X60X4000	1 h-n	0 a	0 ab	10 b-h	1 a-g	0 b	0 c
27	T2 (12G) + Pic (150lb) + Vapam (75G) Metalized S/B smooth 1.25X60X4000	2 b-h	0 a	0 b	12 a-g	1 a-d	0 b	0 c
28	T2 (12G) + Pic (150lb) + Vapam (75G) W/B LDPE 1.25X60X4000	2 b-h	0 a	0 b	16 a	2 a	0 b	0 c
29	T2 (12G) + Pic (150lb) + Vapam (75G) VIF B/B Perry 1.25X60X2400	1 j-p	0 a	0 ab	12 a-h	1 a-g	0 b	0 c

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Weed Code	harv 4 CUUPE	harv 4 CUUPE	harv 4 CUUPE	harv 5 CUUPE	harv 5 CUUPE	harv 5 CUUPE	harv 5 CUUPE	
Crop Code	fruit	cull	cull	fruit	fruit	cull	cull	
Rating Data Type	lb/plot	#/plot	lb/plot	#/plot	lb/plot	#/plot	lb/plot	
Rating Unit	Sep-05-05	Sep-05-05	Sep-05-05	Sep-07-05	Sep-07-05	Sep-07-05	Sep-07-05	
Rating Date	53 DA-A	53 DA-A	53 DA-A	55 DA-A	55 DA-A	55 DA-A	55 DA-A	
Trt-Eval Interval								
ARM Action Codes								
# Subsamples, Dec.								
Trt No.	Treatment Name	Rate	Rate	Rate	Rate	Rate	Rate	
		Unit	Unit	Unit	Unit	Unit	Unit	
		22	23	24	25	26	27	
		28						
30	T2 (12G) + Pic (150lb) + Vapam (75G) Bromostop B/B VIF 1.25X60X2400	0 m-p	0 a	0 b	4 i-l	0 ghi	0 b	0 c
31	T2 (12G) + Pic (150lb) + Vapam (75G) Metalized S/S smooth 1.5X60X2400 (Tony)	2 b-i	1 a	0 ab	12 a-g	1 a-g	0 b	0 c
32	T2 (12G) + Pic (150lb) + Vapam (75G) W/W LDPE 1X60X4000	2 b-i	0 a	0 b	13 a-f	1 a-f	1 b	0 bc
33	MB 67:33 (250 lb/A) Metalized B/S embossed 1.25X60X4000 Black on top	1 g-l	0 a	0 b	8 e-j	1 c-i	0 b	0 c
34	MB 67:33 (250 lb/A) Metalized S/B embossed 1.25X60X4000	2 b-h	0 a	0 ab	10 b-h	1 a-f	1 b	0 abc
35	MB 67:33 (250 lb/A) Metalized S/B smooth 1.25X60X4000	2 b-e	1 a	0 ab	14 a-d	1 a-f	4 a	0 bc
36	MB 67:33 (250 lb/A) W/B LDPE 1.25X60X4000	2 b-g	0 a	0 b	11 a-h	1 a-f	2 ab	0 a
37	MB 67:33 (250 lb/A) VIF B/B Perry 1.25X60X2400	1 h-m	0 a	0 b	10 b-h	1 a-f	0 b	0 bc
38	MB 67:33 (250 lb/A) Bromostop B/B VIF 1.25X60X2400	1 g-l	0 a	0 b	8 d-j	1 c-i	0 b	0 bc
39	MB 67:33 (250 lb/A) Metalized S/S smooth 1.5X60X2400 (Tony)	2 a-d	1 a	0 ab	14 abc	1 abc	1 b	0 abc
40	MB 67:33 (250 lb/A) W/W LDPE 1X60X4000	2 b-f	1 a	0 ab	11 a-h	1 a-f	1 b	0 bc
41	DMDS 80:20 (750 lbs) Metalized B/S embossed 1.25X60X4000 Black on top	1 k-p	0 a	0 b	10 b-h	1 a-f	0 b	0 bc
42	DMDS 80:20 (750 lbs) Metalized S/B embossed 1.25X60X4000	1 c-k	0 a	0 ab	11 a-h	1 a-f	0 b	0 c
43	DMDS 80:20 (750 lbs) Metalized S/B smooth 1.25X60X4000	2 b-h	1 a	0 ab	10 b-h	1 a-f	1 b	0 abc

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Weed Code	harv 4	harv 4	harv 4	harv 5	harv 5	harv 5	harv 5	
Crop Code	CUUPE	CUUPE	CUUPE	CUUPE	CUUPE	CUUPE	CUUPE	
Rating Data Type	fruit	cull	cull	fruit	fruit	cull	cull	
Rating Unit	lb/plot	#/plot	lb/plot	#/plot	lb/plot	#/plot	lb/plot	
Rating Date	Sep-05-05	Sep-05-05	Sep-05-05	Sep-07-05	Sep-07-05	Sep-07-05	Sep-07-05	
Trt-Eval Interval	53 DA-A	53 DA-A	53 DA-A	55 DA-A	55 DA-A	55 DA-A	55 DA-A	
ARM Action Codes								
# Subsamples, Dec.								
Trt Treatment	Rate							
No. Name	Rate Unit	22	23	24	25	26	27	28
44 DMDS 80:20 (750 lbs) W/B LDPE 1.25X60X4000	1 b-j	0 a	0 b	10 b-h	1 b-h	1 b	0 bc	
45 DMDS 80:20 (750 lbs) VIF B/B Perry 1.25X60X2400	1 k-p	0 a	0 b	8 d-j	1 d-i	0 b	0 c	
46 DMDS 80:20 (750 lbs) Bromostop B/B VIF 1.25X60X2400	1 i-o	1 a	0 ab	12 a-h	1 a-f	0 b	0 c	
47 DMDS 80:20 (750 lbs) Metalized S/S smooth 1.5X60X2400 (Tony)	2 b-f	0 a	0 b	13 a-e	1 a-e	1 b	0 bc	
48 DMDS 80:20 (750 lbs) W/W LDPE 1X60X4000	1 h-n	0 a	0 b	7 g-j	1 b-h	0 b	0 c	
LSD (P=.05)	0.6	1.1	0.2	4.6	0.6	2.0	0.2	
Standard Deviation	0.4	0.7	0.1	2.8	0.4	1.2	0.1	
CV	29.87	224.72	264.26	29.14	40.04	220.58	214.64	
Bartlett's X2	64.427	18.361	47.408	52.873	54.157	52.363	50.645	
P(Bartlett's X2)	0.046*	0.626	0.001*	0.196	0.22	0.001*	0.002*	

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

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Weed Code	harv 6 CUUPE	harv 6 CUUPE	harv 6 CUUPE	harv 6 CUUPE	harv 7 CUUPE	harv 7 CUUPE	harv 7 CUUPE
Crop Code	fruit	fruit	cull	cull	fruit	fruit	cull
Rating Data Type	#/plot	lb/plot	#/plot	lb/plot	#/plot	lb/plot	#/plot
Rating Unit	Sep-09-05	Sep-09-05	Sep-09-05	Sep-09-05	Sep-12-05	Sep-12-05	Sep-12-05
Rating Date	57 DA-A	57 DA-A	57 DA-A	57 DA-A	60 DA-A	60 DA-A	60 DA-A
Trt-Eval Interval							
ARM Action Codes							
# Subsamples, Dec.							
Trt Treatment	Rate	Rate	Rate	Rate	Rate	Rate	Rate
No. Name	Rate Unit	Rate Unit	Rate Unit	Rate Unit	Rate Unit	Rate Unit	Rate Unit
1 Non-treated Metalized B/S embossed 1.25X60X4000 Black on top	8 l-p	0 nop	0 c	0 d	11 k-p	1 g-m	1 cd
2 Non-treated Metalized S/B embossed 1.25X60X4000	1 q	0 p	0 c	0 d	1 q	0 n	0 d
3 Non-treated Metalized S/B smooth 1.25X60X4000	3 pq	0 op	0 c	0 d	3 pq	0 mn	0 d
4 Non-treated W/B LDPE 1.25X60X4000	3 opq	0 op	0 c	0 d	6 n-q	1 lmn	0 d
5 Non-treated VIF B/B Perry 1.25X60X2400	11 h-n	1 j-o	0 c	0 d	12 i-o	1 h-m	1 cd
6 Non-treated Bromostop VIF B/B 1.25X60X2400	8 l-p	1 l-p	0 c	0 d	10 l-p	1 j-n	0 d
7 Non-treated Metalized S/S smooth 1.5X60X2400 (Tony)	6 m-q	0 m-p	0 c	0 d	7 m-q	1 k-n	0 d
8 Non-treated W/W LDPE 1X60X4000	4 n-q	0 m-p	0 c	0 d	6 opq	1 lmn	1 cd
9 MB 67:33 (350 lb/A) Metalized B/S embossed 1.25X60X4000 Black on top	11 h-n	1 h-n	1 abc	0 bcd	20 a-j	2 a-i	2 a-d
10 MB 67:33 (350 lb/A) Metalized S/B embossed 1.25X60X4000	19 a-g	2 a-g	1 abc	0 bcd	25 a-d	2 a-f	2 bcd
11 MB 67:33 (350 lb/A) Metalized S/B smooth 1.25X60X4000	22 abc	2 abc	2 abc	0 a-d	27 abc	3 a-d	3 a-d
12 MB 67:33 (350 lb/A) W/B LDPE 1.25X60X4000	19 a-f	2 a-i	3 ab	0 a-d	24 a-f	2 a-h	2 a-d
13 MB 67:33 (350 lb/A) VIF B/B Perry 1.25X60X2400	13 e-l	1 d-l	2 abc	0 a-d	21 a-j	2 a-i	1 bcd
14 MB 67:33 (350 lb/A) Bromostop VIF B/B 1.25X60X2400	18 a-g	2 a-h	1 bc	0 bcd	19 b-l	2 a-h	2 bcd
15 MB 67:33 (350 lb/A) Metalized S/S smooth 1.5X60X2400 (Tony)	21 a-d	2 abc	2 abc	0 abc	28 a	3 a	1 bcd

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Weed Code	harv 6 CUUPE	harv 6 CUUPE	harv 6 CUUPE	harv 6 CUUPE	harv 7 CUUPE	harv 7 CUUPE	harv 7 CUUPE	
Crop Code	fruit	fruit	cull	cull	fruit	fruit	cull	
Rating Data Type	#/plot	lb/plot	#/plot	lb/plot	#/plot	lb/plot	#/plot	
Rating Unit	Sep-09-05	Sep-09-05	Sep-09-05	Sep-09-05	Sep-12-05	Sep-12-05	Sep-12-05	
Rating Date	57 DA-A	57 DA-A	57 DA-A	57 DA-A	60 DA-A	60 DA-A	60 DA-A	
Trt-Eval Interval								
ARM Action Codes								
# Subsamples, Dec.								
Trt No.	Treatment Name	Rate	Rate	Rate	Rate	Rate	Rate	
Unit	Rate Unit	29	30	31	32	33	34	35
16	MB 67:33 (350 lb/A) W/W LDPE 1X60X4000	16 b-k	2 b-k	2 abc	0 a-d	22 a-g	3 ab	4 ab
17	MIDAS (350 lb/A) Metalized B/S embossed 1.25X60X4000 Black on top	13 e-l	1 e-m	1 bc	0 cd	18 c-l	2 a-j	1 bcd
18	MIDAS (350 lb/A) Metalized S/B emboss 1.25X60X4000	17 a-i	2 a-j	1 abc	0 a-d	20 a-k	3 a-d	1 bcd
19	MIDAS (350 lb/A) Metalized S/B smooth 1.25X60X4000	23 a	2 a	0 bc	0 cd	21 a-j	2 a-g	2 bcd
20	MIDAS (350 lb/A) W/B LDP 1.25X60X4000	15 c-l	2 a-j	1 abc	0 bcd	19 a-k	3 abc	4 ab
21	MIDAS (350 lb/A) VIF B/B Perry 1.25X60X2400	9 j-p	1 k-p	0 c	0 d	13 g-o	1 i-n	1 bcd
22	MIDAS (350 lb/A) Bromostop B/B VIF 1.25X60X2400	8 l-p	1 k-p	0 c	0 d	13 g-o	2 d-l	0 d
23	MIDAS (350 lb/A) Metalized S/S smooth 1.5X60X2400 (Tony)	21 a-d	2 a-f	1 bc	0 a-d	25 a-d	3 a-d	2 bcd
24	MIDAS (350 lb/A) W/W LDPE 1X60X4000	17 a-h	2 a-i	2 abc	0 a-d	22 a-h	2 a-e	2 a-d
25	T2 (12G) + Pic (150lb) + Vapam (75G) Metalized B/S embossed 1.25X60X4000 Black on top	10 h-o	1 f-n	0 c	0 d	12 j-o	2 d-l	0 cd
26	T2 (12G) + Pic (150lb) + Vapam (75G) Metalized S/B embossed 1.25X60X4000	12 g-m	1 f-n	0 bc	0 cd	12 h-o	1 f-m	1 bcd
27	T2 (12G) + Pic (150lb) + Vapam (75G) Metalized S/B smooth 1.25X60X4000	21 a-d	2 a-d	0 c	0 d	20 a-k	2 a-j	3 abc
28	T2 (12G) + Pic (150lb) + Vapam (75G) W/B LDPE 1.25X60X4000	16 b-j	1 b-l	1 bc	0 cd	17 d-l	2 a-j	1 bcd
29	T2 (12G) + Pic (150lb) + Vapam (75G) VIF B/B Perry 1.25X60X2400	13 e-l	1 g-n	0 c	0 d	16 d-m	2 b-j	1 bcd

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Weed Code	harv 6 CUUPE	harv 6 CUUPE	harv 6 CUUPE	harv 6 CUUPE	harv 7 CUUPE	harv 7 CUUPE	harv 7 CUUPE	
Crop Code	fruit	fruit	cull	cull	fruit	fruit	cull	
Rating Data Type	#/plot	lb/plot	#/plot	lb/plot	#/plot	lb/plot	#/plot	
Rating Unit	Sep-09-05	Sep-09-05	Sep-09-05	Sep-09-05	Sep-12-05	Sep-12-05	Sep-12-05	
Rating Date	57 DA-A	57 DA-A	57 DA-A	57 DA-A	60 DA-A	60 DA-A	60 DA-A	
Trt-Eval Interval								
ARM Action Codes								
# Subsamples, Dec.								
Trt No.	Treatment Name	Rate	Rate	Rate	Rate	Rate	Rate	
		Unit	Unit	Unit	Unit	Unit	Unit	
		29	30	31	32	33	34	35
30	T2 (12G) + Pic (150lb) + Vapam (75G) Bromostop B/B VIF 1.25X60X2400	10 i-o	1 k-p	0 c	0 d	14 g-o	1 g-m	0 cd
31	T2 (12G) + Pic (150lb) + Vapam (75G) Metalized S/S smooth 1.5X60X2400 (Tony)	13 e-l	1 c-l	1 abc	0 bcd	15 e-m	2 a-j	2 bcd
32	T2 (12G) + Pic (150lb) + Vapam (75G) W/W LDPE 1X60X4000	16 a-i	2 a-i	2 abc	0 bcd	17 d-l	2 a-i	2 bcd
33	MB 67:33 (250 lb/A) Metalized B/S embossed 1.25X60X4000 Black on top	12 g-m	1 i-n	0 c	0 d	16 d-m	2 a-h	0 cd
34	MB 67:33 (250 lb/A) Metalized S/B embossed 1.25X60X4000	19 a-f	2 a-i	2 abc	0 a-d	17 c-l	2 c-k	2 a-d
35	MB 67:33 (250 lb/A) Metalized S/B smooth 1.25X60X4000	14 d-l	2 a-g	0 bc	0 bcd	25 a-e	2 a-g	5 a
36	MB 67:33 (250 lb/A) W/B LDPE 1.25X60X4000	16 b-j	2 a-j	1 bc	0 bcd	15 f-o	1 e-m	2 bcd
37	MB 67:33 (250 lb/A) VIF B/B Perry 1.25X60X2400	14 d-l	1 b-l	3 a	0 a-d	21 a-j	2 a-j	0 d
38	MB 67:33 (250 lb/A) Bromostop B/B VIF 1.25X60X2400	15 c-l	1 b-l	0 bc	0 cd	17 c-l	2 a-j	0 cd
39	MB 67:33 (250 lb/A) Metalized S/S smooth 1.5X60X2400 (Tony)	21 a-d	2 ab	1 abc	0 d	27 ab	2 a-h	3 a-d
40	MB 67:33 (250 lb/A) W/W LDPE 1X60X4000	19 a-e	2 a-e	1 abc	0 a	18 b-l	2 a-h	2 bcd
41	DMDS 80:20 (750 lbs) Metalized B/S embossed 1.25X60X4000 Black on top	9 k-p	1 h-n	1 bc	0 bcd	14 f-o	2 c-l	1 bcd
42	DMDS 80:20 (750 lbs) Metalized S/B embossed 1.25X60X4000	16 b-k	2 a-i	1 abc	0 a-d	15 f-n	2 c-l	1 cd
43	DMDS 80:20 (750 lbs) Metalized S/B smooth 1.25X60X4000	12 g-m	1 b-l	0 c	0 d	17 c-l	2 a-j	2 bcd

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Weed Code	harv 6	harv 6	harv 6	harv 6	harv 7	harv 7	harv 7							
Crop Code	CUUPE	CUUPE	CUUPE	CUUPE	CUUPE	CUUPE	CUUPE							
Rating Data Type	fruit	fruit	cull	cull	fruit	fruit	cull							
Rating Unit	#/plot	lb/plot	#/plot	lb/plot	#/plot	lb/plot	#/plot							
Rating Date	Sep-09-05	Sep-09-05	Sep-09-05	Sep-09-05	Sep-12-05	Sep-12-05	Sep-12-05							
Trt-Eval Interval	57 DA-A	57 DA-A	57 DA-A	57 DA-A	60 DA-A	60 DA-A	60 DA-A							
ARM Action Codes														
# Subsamples, Dec.														
Trt Treatment	Rate	Rate	Rate	Rate	Rate	Rate	Rate							
No. Name	Rate	Unit	Rate	Unit	Rate	Unit	Rate							
44 DMDS 80:20 (750 lbs) W/B LDPE 1.25X60X4000	18	a-g	2	b-k	3	ab	0	ab	21	a-i	2	a-j	2	a-d
45 DMDS 80:20 (750 lbs) VIF B/B Perry 1.25X60X2400	12	f-m	1	e-m	0	c	0	d	14	f-o	2	c-l	2	a-d
46 DMDS 80:20 (750 lbs) Bromostop B/B VIF 1.25X60X2400	16	b-k	2	a-f	0	c	0	d	15	f-n	2	a-j	2	bcd
47 DMDS 80:20 (750 lbs) Metalized S/S smooth 1.5X60X2400 (Tony)	22	ab	2	a-i	0	c	0	d	22	a-h	3	a-e	1	cd
48 DMDS 80:20 (750 lbs) W/W LDPE 1X60X4000	13	e-l	1	d-m	0	c	0	d	17	c-l	2	d-l	1	bcd
LSD (P=.05)	5.6		0.7		2.0		0.3		7.5		0.9		2.4	
Standard Deviation	3.5		0.4		1.3		0.2		4.6		0.6		1.5	
CV	25.25		30.0		169.48		181.41		27.52		31.66		101.64	
Bartlett's X2	44.582		51.246		32.333		33.886		62.338		69.303		41.661	
P(Bartlett's X2)	0.532		0.311		0.22		0.138		0.066		0.019*		0.314	

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

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Weed Code	harv 7 CUUPE	harv 8 CUUPE	harv 8 CUUPE	harv 8 CUUPE	harv 8 CUUPE	harv 9 CUUPE	harv 9 CUUPE	
Crop Code								
Rating Data Type	cull	fruit	fruit	cull	cull	fruit	fruit	
Rating Unit	lb/plot	#/plot	lb/plot	#/plot	lb/plot	#/plot	lb/plot	
Rating Date	Sep-12-05	Sep-14-05	Sep-14-05	Sep-14-05	Sep-14-05	Sep-16-05	Sep-16-05	
Trt-Eval Interval	60 DA-A	62 DA-A	62 DA-A	62 DA-A	62 DA-A	64 DA-A	64 DA-A	
ARM Action Codes								
# Subsamples, Dec.								
Trt Treatment	Rate							
No. Name	Rate Unit	36	37	38	39	40	41	42
1 Non-treated Metalized B/S embossed 1.25X60X4000 Black on top		0 d	9 h-l	1 g-k	0 bc	0 b	11 j	1 hi
2 Non-treated Metalized S/B embossed 1.25X60X4000		0 d	4 kl	0 k	0 c	0 b	3 k	0 i
3 Non-treated Metalized S/B smooth 1.25X60X4000		0 d	3 l	0 k	0 c	0 b	3 k	0 i
4 Non-treated W/B LDPE 1.25X60X4000		0 d	8 jkl	0 jk	0 c	0 b	3 k	0 i
5 Non-treated VIF B/B Perry 1.25X60X2400		0 d	16 a-h	1 a-h	0 c	0 b	14 hij	1 d-h
6 Non-treated Bromostop VIF B/B 1.25X60X2400		0 d	12 e-j	1 f-k	0 bc	0 b	15 g-j	1 d-h
7 Non-treated Metalized S/S smooth 1.5X60X2400 (Tony)		0 d	8 i-l	1 h-k	0 bc	0 b	12 ij	1 e-i
8 Non-treated W/W LDPE 1X60X4000		0 d	8 jkl	0 ijk	0 c	0 b	11 j	1 ghi
9 MB 67:33 (350 lb/A) Metalized B/S embossed 1.25X60X4000 Black on top		0 a-d	18 a-f	2 a-f	1 abc	0 b	21 a-i	2 a-h
10 MB 67:33 (350 lb/A) Metalized S/B embossed 1.25X60X4000		0 a-d	17 a-g	1 a-j	1 abc	0 b	27 abc	3 a
11 MB 67:33 (350 lb/A) Metalized S/B smooth 1.25X60X4000		0 a-d	16 a-g	1 a-h	1 abc	0 b	27 abc	2 abc
12 MB 67:33 (350 lb/A) W/B LDPE 1.25X60X4000		0 a-d	17 a-g	2 a-g	0 bc	0 b	25 a-f	2 a-e
13 MB 67:33 (350 lb/A) VIF B/B Perry 1.25X60X2400		0 cd	16 a-h	2 a-g	1 abc	0 ab	23 a-g	2 a-g
14 MB 67:33 (350 lb/A) Bromostop VIF B/B 1.25X60X2400		0 a-d	17 a-g	1 a-j	1 abc	0 b	23 a-g	2 a-g
15 MB 67:33 (350 lb/A) Metalized S/S smooth 1.5X60X2400 (Tony)		0 bcd	17 a-g	2 a-g	0 bc	0 b	24 a-g	2 a-d

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Weed Code	harv 7 CUUPE	harv 8 CUUPE	harv 8 CUUPE	harv 8 CUUPE	harv 8 CUUPE	harv 9 CUUPE	harv 9 CUUPE	
Crop Code								
Rating Data Type	cull	fruit	fruit	cull	cull	fruit	fruit	
Rating Unit	lb/plot	#/plot	lb/plot	#/plot	lb/plot	#/plot	lb/plot	
Rating Date	Sep-12-05	Sep-14-05	Sep-14-05	Sep-14-05	Sep-14-05	Sep-16-05	Sep-16-05	
Trt-Eval Interval	60 DA-A	62 DA-A	62 DA-A	62 DA-A	62 DA-A	64 DA-A	64 DA-A	
ARM Action Codes								
# Subsamples, Dec.								
Trt No.	Treatment Name	Rate	Rate	Rate	Rate	Rate	Rate	
		Unit	Unit	Unit	Unit	Unit	Unit	
		36	37	38	39	40	41	42
16	MB 67:33 (350 lb/A) W/W LDPE 1X60X4000	1 ab	18 a-f	1 a-h	1 abc	0 b	12 ij	1 ghi
17	MIDAS (350 lb/A) Metalized B/S embossed 1.25X60X4000 Black on top	0 cd	18 a-f	1 a-h	0 bc	0 b	18 c-j	2 a-h
18	MIDAS (350 lb/A) Metalized S/B emboss 1.25X60X4000	0 a-d	20 abc	2 a-f	1 abc	0 b	22 a-h	2 a-h
19	MIDAS (350 lb/A) Metalized S/B smooth 1.25X60X4000	0 a-d	22 a	2 ab	0 c	0 b	23 a-h	2 a-e
20	MIDAS (350 lb/A) W/B LDP 1.25X60X4000	1 abc	16 a-h	1 a-j	0 bc	0 b	27 abc	2 a-d
21	MIDAS (350 lb/A) VIF B/B Perry 1.25X60X2400	0 d	13 c-j	1 e-k	0 bc	0 b	17 e-j	1 b-h
22	MIDAS (350 lb/A) Bromostop B/B VIF 1.25X60X2400	0 d	12 d-j	1 g-k	0 c	0 b	17 e-j	1 c-h
23	MIDAS (350 lb/A) Metalized S/S smooth 1.5X60X2400 (Tony)	0 a-d	17 a-g	2 a-h	0 bc	0 b	29 a	2 a
24	MIDAS (350 lb/A) W/W LDPE 1X60X4000	0 a-d	18 a-f	2 a-f	1 abc	0 b	20 a-j	2 a-g
25	T2 (12G) + Pic (150lb) + Vapam (75G) Metalized B/S embossed 1.25X60X4000 Black on top	0 cd	14 c-j	1 a-h	1 abc	0 b	15 g-j	1 d-h
26	T2 (12G) + Pic (150lb) + Vapam (75G) Metalized S/B embossed 1.25X60X4000	0 bcd	13 d-j	2 abc	1 abc	0 b	15 g-j	1 b-h
27	T2 (12G) + Pic (150lb) + Vapam (75G) Metalized S/B smooth 1.25X60X4000	0 a-d	11 f-j	2 a-d	2 ab	0 a	23 a-g	2 a-e
28	T2 (12G) + Pic (150lb) + Vapam (75G) W/B LDPE 1.25X60X4000	0 d	20 abc	2 a-e	1 abc	0 b	22 a-h	2 a-g
29	T2 (12G) + Pic (150lb) + Vapam (75G) VIF B/B Perry 1.25X60X2400	0 cd	17 a-g	2 a-f	0 bc	0 b	21 a-i	2 a-h

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Weed Code	harv 7 CUUPE	harv 8 CUUPE	harv 8 CUUPE	harv 8 CUUPE	harv 8 CUUPE	harv 9 CUUPE	harv 9 CUUPE	
Crop Code								
Rating Data Type	cull	fruit	fruit	cull	cull	fruit	fruit	
Rating Unit	lb/plot	#/plot	lb/plot	#/plot	lb/plot	#/plot	lb/plot	
Rating Date	Sep-12-05	Sep-14-05	Sep-14-05	Sep-14-05	Sep-14-05	Sep-16-05	Sep-16-05	
Trt-Eval Interval	60 DA-A	62 DA-A	62 DA-A	62 DA-A	62 DA-A	64 DA-A	64 DA-A	
ARM Action Codes								
# Subsamples, Dec.								
Trt Treatment	Rate							
No. Name	Rate Unit	36	37	38	39	40	41	42
30 T2 (12G) + Pic (150lb) + Vapam (75G) Bromostop B/B VIF 1.25X60X2400		0 d	13 d-j	1 d-k	0 bc	0 b	12 ij	1 f-i
31 T2 (12G) + Pic (150lb) + Vapam (75G) Metalized S/S smooth 1.5X60X2400 (Tony)		0 a-d	22 ab	2 a	0 bc	0 b	25 a-e	2 a-e
32 T2 (12G) + Pic (150lb) + Vapam (75G) W/W LDPE 1X60X4000		0 a-d	17 a-g	2 a-g	1 abc	0 b	21 a-i	2 a-e
33 MB 67:33 (250 lb/A) Metalized B/S embossed 1.25X60X4000 Black on top		0 d	16 a-h	1 b-j	1 abc	0 ab	17 d-j	2 a-h
34 MB 67:33 (250 lb/A) Metalized S/B embossed 1.25X60X4000		0 a-d	17 a-g	2 a-g	1 abc	0 b	21 a-i	2 a-h
35 MB 67:33 (250 lb/A) Metalized S/B smooth 1.25X60X4000		1 a	19 a-d	2 a-f	1 abc	0 ab	17 d-j	2 a-h
36 MB 67:33 (250 lb/A) W/B LDPE 1.25X60X4000		0 a-d	16 a-h	1 a-j	2 ab	0 ab	22 a-h	2 abc
37 MB 67:33 (250 lb/A) VIF B/B Perry 1.25X60X2400		0 d	15 a-h	2 a-g	0 bc	0 b	28 ab	2 a-e
38 MB 67:33 (250 lb/A) Bromostop B/B VIF 1.25X60X2400		0 d	15 b-i	1 a-j	0 bc	0 b	26 a-d	2 a-e
39 MB 67:33 (250 lb/A) Metalized S/S smooth 1.5X60X2400 (Tony)		0 a-d	18 a-f	2 a-d	1 abc	0 ab	27 abc	2 ab
40 MB 67:33 (250 lb/A) W/W LDPE 1X60X4000		0 a-d	19 a-e	2 a-g	0 c	0 b	23 a-h	2 a-d
41 DMDS 80:20 (750 lbs) Metalized B/S embossed 1.25X60X4000 Black on top		0 d	14 c-j	1 b-j	2 ab	0 b	19 c-j	2 a-g
42 DMDS 80:20 (750 lbs) Metalized S/B embossed 1.25X60X4000		0 cd	10 g-k	1 b-j	1 abc	0 b	15 g-j	2 a-h
43 DMDS 80:20 (750 lbs) Metalized S/B smooth 1.25X60X4000		0 a-d	15 a-h	2 a-g	0 bc	0 b	19 c-j	3 a

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Weed Code	harv 7	harv 8	harv 8	harv 8	harv 8	harv 9	harv 9	
Crop Code	CUUPE	CUUPE	CUUPE	CUUPE	CUUPE	CUUPE	CUUPE	
Rating Data Type	cull	fruit	fruit	cull	cull	fruit	fruit	
Rating Unit	lb/plot	#/plot	lb/plot	#/plot	lb/plot	#/plot	lb/plot	
Rating Date	Sep-12-05	Sep-14-05	Sep-14-05	Sep-14-05	Sep-14-05	Sep-16-05	Sep-16-05	
Trt-Eval Interval	60 DA-A	62 DA-A	62 DA-A	62 DA-A	62 DA-A	64 DA-A	64 DA-A	
ARM Action Codes								
# Subsamples, Dec.								
Trt Treatment	Rate							
No. Name	Rate Unit	36	37	38	39	40	41	42
44 DMDS 80:20 (750 lbs) W/B LDPE 1.25X60X4000		0 a-d	16 a-h	2 a-g	1 abc	0 b	18 c-j	2 a-f
45 DMDS 80:20 (750 lbs) VIF B/B Perry 1.25X60X2400		0 a-d	16 a-g	1 b-j	1 abc	0 b	16 f-j	1 d-h
46 DMDS 80:20 (750 lbs) Bromostop B/B VIF 1.25X60X2400		0 a-d	16 a-h	1 c-j	2 a	0 ab	15 g-j	1 c-h
47 DMDS 80:20 (750 lbs) Metalized S/S smooth 1.5X60X2400 (Tony)		0 cd	14 c-j	1 b-j	1 abc	0 b	20 a-j	2 a-h
48 DMDS 80:20 (750 lbs) W/W LDPE 1X60X4000		0 d	16 a-h	1 a-i	1 abc	0 b	20 b-j	2 a-h
LSD (P=.05)		0.4	5.7	0.8	1.3	0.2	7.3	0.8
Standard Deviation		0.2	3.5	0.5	0.8	0.1	4.5	0.5
CV		105.02	23.52	35.33	118.51	131.88	23.81	31.44
Bartlett's X2		66.041	54.499	76.585	20.622	60.102	45.808	46.814
P(Bartlett's X2)		0.006*	0.183	0.004*	0.993	0.017*	0.48	0.48

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

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Weed Code	harv 9 CUUPE	harv 9 CUUPE	harv 10 CUUPE	harv 10 CUUPE	harv 10 CUUPE	harv 10 CUUPE	harv 11 CUUPE							
Crop Code														
Rating Data Type	cull	cull	fruit	fruit	cull	cull	fruit							
Rating Unit	#/plot	lb/plot	#/plot	lb/plot	#/plot	lb/plot	#/plot							
Rating Date	Sep-16-05	Sep-16-05	Sep-19-05	Sep-19-05	Sep-19-05	Sep-19-05	Sep-21-05							
Trt-Eval Interval	64 DA-A	64 DA-A	67 DA-A	67 DA-A	67 DA-A	67 DA-A	69 DA-A							
ARM Action Codes														
# Subsamples, Dec.														
Trt Treatment	Rate	Rate	Rate	Rate	Rate	Rate	Rate							
No. Name	Rate	Unit	Rate	Unit	Rate	Unit	Rate							
1 Non-treated Metalized B/S embossed 1.25X60X4000 Black on top	0	b	0	e	15	klm	2	def	0	b	0	a	11	g-n
2 Non-treated Metalized S/B embossed 1.25X60X4000	0	b	0	e	4	m	0	f	0	b	0	a	4	mn
3 Non-treated Metalized S/B smooth 1.25X60X4000	0	b	0	e	9	lm	1	ef	0	b	0	a	2	n
4 Non-treated W/B LDPE 1.25X60X4000	0	b	0	e	18	g-l	2	def	0	b	0	a	9	j-n
5 Non-treated VIF B/B Perry 1.25X60X2400	0	ab	0	cde	26	b-k	4	a-d	0	b	0	a	10	h-n
6 Non-treated Bromostop VIF B/B 1.25X60X2400	0	ab	0	cde	20	f-l	3	cde	0	b	0	a	10	i-n
7 Non-treated Metalized S/S smooth 1.5X60X2400 (Tony)	0	b	0	e	15	j-m	2	def	0	b	0	a	6	lmn
8 Non-treated W/W LDPE 1X60X4000	0	b	0	e	17	h-l	2	def	1	b	0	a	8	k-n
9 MB 67:33 (350 lb/A) Metalized B/S embossed 1.25X60X4000 Black on top	0	ab	0	e	25	c-k	4	a-d	2	b	0	a	20	a-i
10 MB 67:33 (350 lb/A) Metalized S/B embossed 1.25X60X4000	0	ab	0	cde	35	a-d	4	a-d	1	b	0	a	20	a-j
11 MB 67:33 (350 lb/A) Metalized S/B smooth 1.25X60X4000	0	ab	0	a-e	32	a-f	4	a-d	0	b	0	a	23	a-f
12 MB 67:33 (350 lb/A) W/B LDPE 1.25X60X4000	0	ab	0	b-e	34	a-e	4	a-d	0	b	0	a	27	abc
13 MB 67:33 (350 lb/A) VIF B/B Perry 1.25X60X2400	1	ab	0	a-e	27	b-k	3	a-e	1	b	0	a	26	a-d
14 MB 67:33 (350 lb/A) Bromostop VIF B/B 1.25X60X2400	1	ab	0	a-e	33	a-f	4	a-d	1	b	0	a	28	a
15 MB 67:33 (350 lb/A) Metalized S/S smooth 1.5X60X2400 (Tony)	0	ab	0	de	35	a-d	5	abc	1	b	0	a	29	a

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Weed Code	harv 9 CUUPE	harv 9 CUUPE	harv 10 CUUPE	harv 10 CUUPE	harv 10 CUUPE	harv 10 CUUPE	harv 11 CUUPE
Crop Code							
Rating Data Type	cull	cull	fruit	fruit	cull	cull	fruit
Rating Unit	#/plot	lb/plot	#/plot	lb/plot	#/plot	lb/plot	#/plot
Rating Date	Sep-16-05	Sep-16-05	Sep-19-05	Sep-19-05	Sep-19-05	Sep-19-05	Sep-21-05
Trt-Eval Interval	64 DA-A	64 DA-A	67 DA-A	67 DA-A	67 DA-A	67 DA-A	69 DA-A
ARM Action Codes							
# Subsamples, Dec.							
Trt Treatment	Rate	Rate	Rate	Rate	Rate	Rate	Rate
No. Name	Rate	Unit	Rate	Unit	Rate	Unit	Rate
43	44	45	46	47	48	49	
16 MB 67:33 (350 lb/A) W/W LDPE 1X60X4000	1 ab	0 a-e	26 b-k	3 a-e	1 b	0 a	25 a-d
17 MIDAS (350 lb/A) Metalized B/S embossed 1.25X60X4000 Black on top	0 b	0 e	25 c-k	3 cde	0 b	0 a	22 a-f
18 MIDAS (350 lb/A) Metalized S/B emboss 1.25X60X4000	1 ab	0 cde	30 a-g	4 a-d	2 b	0 a	20 a-j
19 MIDAS (350 lb/A) Metalized S/B smooth 1.25X60X4000	0 b	0 e	31 a-f	4 a-d	1 b	0 a	22 a-f
20 MIDAS (350 lb/A) W/B LDP 1.25X60X4000	0 ab	0 b-e	32 a-f	4 a-d	1 b	0 a	27 ab
21 MIDAS (350 lb/A) VIF B/B Perry 1.25X60X2400	0 b	0 e	24 d-k	3 cde	0 b	0 a	18 a-k
22 MIDAS (350 lb/A) Bromostop B/B VIF 1.25X60X2400	0 ab	0 e	29 a-i	4 a-d	0 b	0 a	17 b-l
23 MIDAS (350 lb/A) Metalized S/S smooth 1.5X60X2400 (Tony)	1 ab	0 a-e	35 a-e	4 a-d	1 b	0 a	28 a
24 MIDAS (350 lb/A) W/W LDPE 1X60X4000	1 ab	0 abc	38 abc	4 a-d	0 b	0 a	27 abc
25 T2 (12G) + Pic (150lb) + Vapam (75G) Metalized B/S embossed 1.25X60X4000 Black on top	0 ab	0 e	16 i-l	2 def	0 b	0 a	22 a-f
26 T2 (12G) + Pic (150lb) + Vapam (75G) Metalized S/B embossed 1.25X60X4000	1 ab	0 cde	22 d-k	4 a-d	0 b	0 a	15 d-l
27 T2 (12G) + Pic (150lb) + Vapam (75G) Metalized S/B smooth 1.25X60X4000	0 b	0 e	35 a-e	4 a-d	0 b	0 a	20 a-h
28 T2 (12G) + Pic (150lb) + Vapam (75G) W/B LDPE 1.25X60X4000	1 ab	0 a-e	38 ab	3 cde	0 b	0 a	21 a-g
29 T2 (12G) + Pic (150lb) + Vapam (75G) VIF B/B Perry 1.25X60X2400	0 b	0 e	41 a	6 ab	1 b	0 a	20 a-h

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Weed Code	harv 9 CUUPE	harv 9 CUUPE	harv 10 CUUPE	harv 10 CUUPE	harv 10 CUUPE	harv 10 CUUPE	harv 11 CUUPE							
Crop Code														
Rating Data Type	cull	cull	fruit	fruit	cull	cull	fruit							
Rating Unit	#/plot	lb/plot	#/plot	lb/plot	#/plot	lb/plot	#/plot							
Rating Date	Sep-16-05	Sep-16-05	Sep-19-05	Sep-19-05	Sep-19-05	Sep-19-05	Sep-21-05							
Trt-Eval Interval	64 DA-A	64 DA-A	67 DA-A	67 DA-A	67 DA-A	67 DA-A	69 DA-A							
ARM Action Codes														
# Subsamples, Dec.														
Trt Treatment	Rate	Rate	Rate	Rate	Rate	Rate	Rate							
No. Name	Rate	Unit	Rate	Unit	Rate	Unit	Rate							
30 T2 (12G) + Pic (150lb) + Vapam (75G) Bromostop B/B VIF 1.25X60X2400	0	b	0	e	28	a-j	3	a-e	1	b	0	a	14	e-m
31 T2 (12G) + Pic (150lb) + Vapam (75G) Metalized S/S smooth 1.5X60X2400 (Tony)	0	b	0	e	28	b-k	3	a-e	0	b	0	a	12	f-n
32 T2 (12G) + Pic (150lb) + Vapam (75G) W/W LDPE 1X60X4000	1	ab	0	a-e	25	b-k	5	abc	0	b	0	a	23	a-e
33 MB 67:33 (250 lb/A) Metalized B/S embossed 1.25X60X4000 Black on top	0	b	0	e	24	d-k	4	a-d	1	b	0	a	14	e-m
34 MB 67:33 (250 lb/A) Metalized S/B embossed 1.25X60X4000	1	ab	0	b-e	28	b-k	4	a-d	5	a	0	a	23	a-f
35 MB 67:33 (250 lb/A) Metalized S/B smooth 1.25X60X4000	0	ab	0	e	28	b-k	5	abc	3	b	0	a	28	a
36 MB 67:33 (250 lb/A) W/B LDPE 1.25X60X4000	1	ab	0	de	24	d-k	3	a-e	2	b	0	a	22	a-f
37 MB 67:33 (250 lb/A) VIF B/B Perry 1.25X60X2400	0	ab	0	b-e	27	b-k	6	a	0	b	0	a	22	a-f
38 MB 67:33 (250 lb/A) Bromostop B/B VIF 1.25X60X2400	1	ab	0	cde	31	a-g	3	a-e	1	b	0	a	25	a-d
39 MB 67:33 (250 lb/A) Metalized S/S smooth 1.5X60X2400 (Tony)	1	ab	0	a-e	28	b-k	4	a-d	1	b	0	a	25	a-d
40 MB 67:33 (250 lb/A) W/W LDPE 1X60X4000	2	ab	0	ab	27	b-k	3	b-e	2	b	0	a	24	a-e
41 DMDS 80:20 (750 lbs) Metalized B/S embossed 1.25X60X4000 Black on top	1	ab	0	e	21	e-l	3	cde	1	b	0	a	17	b-k
42 DMDS 80:20 (750 lbs) Metalized S/B embossed 1.25X60X4000	0	b	0	e	20	f-l	3	cde	0	b	0	a	12	f-n
43 DMDS 80:20 (750 lbs) Metalized S/B smooth 1.25X60X4000	1	ab	0	cde	31	a-f	4	a-d	2	b	0	a	18	a-j

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Weed Code	harv 9	harv 9	harv 10	harv 10	harv 10	harv 10	harv 11							
Crop Code	CUUPE	CUUPE	CUUPE	CUUPE	CUUPE	CUUPE	CUUPE							
Rating Data Type	cull	cull	fruit	fruit	cull	cull	fruit							
Rating Unit	#/plot	lb/plot	#/plot	lb/plot	#/plot	lb/plot	#/plot							
Rating Date	Sep-16-05	Sep-16-05	Sep-19-05	Sep-19-05	Sep-19-05	Sep-19-05	Sep-21-05							
Trt-Eval Interval	64 DA-A	64 DA-A	67 DA-A	67 DA-A	67 DA-A	67 DA-A	69 DA-A							
ARM Action Codes														
# Subsamples, Dec.														
Trt Treatment	Rate	Rate	Rate	Rate	Rate	Rate	Rate							
No. Name	Rate	Unit	Rate	Unit	Rate	Unit	Rate							
44 DMDS 80:20 (750 lbs) W/B LDPE 1.25X60X4000	1	ab	0	a-e	30	a-h	3	cde	1	b	0	a	19	a-j
45 DMDS 80:20 (750 lbs) VIF B/B Perry 1.25X60X2400	1	ab	0	cde	30	a-h	3	a-e	0	b	0	a	19	a-j
46 DMDS 80:20 (750 lbs) Bromostop B/B VIF 1.25X60X2400	1	ab	0	a-d	27	b-k	4	a-d	0	b	0	a	16	c-l
47 DMDS 80:20 (750 lbs) Metalized S/S smooth 1.5X60X2400 (Tony)	2	a	0	a	28	b-k	3	b-e	0	b	0	a	17	b-l
48 DMDS 80:20 (750 lbs) W/W LDPE 1X60X4000	1	ab	0	b-e	22	d-k	3	cde	1	b	0	a	17	b-l
LSD (P=.05)	1.4		0.3		10.6		1.8		2.5		0.3		8.5	
Standard Deviation	0.9		0.2		6.5		1.1		1.5		0.2		5.3	
CV	158.74		177.61		24.65		33.53		194.58		198.91		27.92	
Bartlett's X2	24.344		59.428		60.29		84.908		63.816		67.522		68.022	
P(Bartlett's X2)	0.796		0.002*		0.092		0.001*		0.001*		0.001*		0.024*	

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

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Weed Code	harv 11 CUUPE	harv 11 CUUPE	harv 11 CUUPE	harv 12 CUUPE	harv 12 CUUPE	harv 12 CUUPE	harv 12 CUUPE
Crop Code	fruit	cull	cull	fruit	fruit	cull	cull
Rating Data Type	lb/plot	#/plot	lb/plot	#/plot	lb/plot	#/plot	lb/plot
Rating Unit	Sep-21-05	Sep-21-05	Sep-21-05	Sep-23-05	Sep-23-05	Sep-23-05	Sep-23-05
Rating Date	69 DA-A	69 DA-A	69 DA-A	71 DA-A	71 DA-A	71 DA-A	71 DA-A
Trt-Eval Interval							
ARM Action Codes							
# Subsamples, Dec.							
Trt Treatment	Rate	Rate	Rate	Rate	Rate	Rate	Rate
No. Name	Rate Unit	Rate Unit	Rate Unit	Rate Unit	Rate Unit	Rate Unit	Rate Unit
1 Non-treated Metalized B/S embossed 1.25X60X4000 Black on top	1 f-l	0 bc	0 b	8 c-h	1 c-i	0 b	0 b
2 Non-treated Metalized S/B embossed 1.25X60X4000	0 kl	0 c	0 b	3 gh	0 hi	0 ab	0 b
3 Non-treated Metalized S/B smooth 1.25X60X4000	0 l	0 c	0 b	2 h	0 i	0 b	0 b
4 Non-treated W/B LDPE 1.25X60X4000	1 jkl	0 bc	0 b	6 e-h	0 ghi	0 b	0 b
5 Non-treated VIF B/B Perry 1.25X60X2400	1 h-l	0 c	0 b	7 d-h	1 c-i	0 b	0 b
6 Non-treated Bromostop VIF B/B 1.25X60X2400	1 g-l	0 c	0 b	7 d-h	1 c-i	0 b	0 b
7 Non-treated Metalized S/S smooth 1.5X60X2400 (Tony)	0 jkl	0 c	0 b	3 fgh	0 hi	0 b	0 b
8 Non-treated W/W LDPE 1X60X4000	0 jkl	0 c	0 b	7 d-h	0 f-i	0 b	0 b
9 MB 67:33 (350 lb/A) Metalized B/S embossed 1.25X60X4000 Black on top	2 b-i	0 c	0 b	8 c-h	1 b-h	0 b	0 b
10 MB 67:33 (350 lb/A) Metalized S/B embossed 1.25X60X4000	2 b-j	0 c	0 b	17 a	2 a-d	0 b	0 b
11 MB 67:33 (350 lb/A) Metalized S/B smooth 1.25X60X4000	2 b-i	0 bc	0 b	17 ab	2 a	0 b	0 b
12 MB 67:33 (350 lb/A) W/B LDPE 1.25X60X4000	2 b-g	0 bc	0 b	9 b-h	1 c-i	0 b	0 b
13 MB 67:33 (350 lb/A) VIF B/B Perry 1.25X60X2400	2 b-i	1 abc	0 b	11 a-e	1 c-i	0 b	0 b
14 MB 67:33 (350 lb/A) Bromostop VIF B/B 1.25X60X2400	3 bc	0 c	0 b	12 a-e	1 a-g	0 b	0 b
15 MB 67:33 (350 lb/A) Metalized S/S smooth 1.5X60X2400 (Tony)	3 bcd	1 ab	0 b	16 abc	2 ab	0 b	0 b

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Weed Code	harv 11 CUUPE	harv 11 CUUPE	harv 11 CUUPE	harv 12 CUUPE	harv 12 CUUPE	harv 12 CUUPE	harv 12 CUUPE
Crop Code	fruit	cull	cull	fruit	fruit	cull	cull
Rating Data Type	lb/plot	#/plot	lb/plot	#/plot	lb/plot	#/plot	lb/plot
Rating Unit	Sep-21-05	Sep-21-05	Sep-21-05	Sep-23-05	Sep-23-05	Sep-23-05	Sep-23-05
Rating Date	69 DA-A	69 DA-A	69 DA-A	71 DA-A	71 DA-A	71 DA-A	71 DA-A
Trt-Eval Interval							
ARM Action Codes							
# Subsamples, Dec.							
Trt No.	Treatment Name	Rate	Rate	Rate	Rate	Rate	Rate
		Unit	Unit	Unit	Unit	Unit	Unit
		50	51	52	53	54	55
		56					
16	MB 67:33 (350 lb/A) W/W LDPE 1X60X4000	2 b-f	0 c	0 b	11 a-e	1 c-i	0 b
17	MIDAS (350 lb/A) Metalized B/S embossed 1.25X60X4000 Black on top	2 b-i	0 bc	0 b	12 a-e	1 d-i	0 b
18	MIDAS (350 lb/A) Metalized S/B emboss 1.25X60X4000	2 b-j	1 a	0 b	13 a-e	1 c-i	0 b
19	MIDAS (350 lb/A) Metalized S/B smooth 1.25X60X4000	2 b-i	0 bc	1 a	10 a-h	1 c-i	1 a
20	MIDAS (350 lb/A) W/B LDP 1.25X60X4000	2 b-j	0 bc	0 b	11 a-e	1 a-f	0 b
21	MIDAS (350 lb/A) VIF B/B Perry 1.25X60X2400	1 c-l	0 bc	0 b	8 c-h	1 c-i	0 ab
22	MIDAS (350 lb/A) Bromostop B/B VIF 1.25X60X2400	1 c-l	0 bc	0 b	9 b-h	1 c-i	0 ab
23	MIDAS (350 lb/A) Metalized S/S smooth 1.5X60X2400 (Tony)	2 b-h	0 c	0 b	13 a-e	1 c-i	0 b
24	MIDAS (350 lb/A) W/W LDPE 1X60X4000	2 b-f	0 c	0 b	15 a-d	1 a-e	0 b
25	T2 (12G) + Pic (150lb) + Vapam (75G) Metalized B/S embossed 1.25X60X4000 Black on top	2 b-j	0 c	0 b	8 d-h	1 c-i	0 b
26	T2 (12G) + Pic (150lb) + Vapam (75G) Metalized S/B embossed 1.25X60X4000	2 b-j	0 c	0 b	7 e-h	1 e-i	0 b
27	T2 (12G) + Pic (150lb) + Vapam (75G) Metalized S/B smooth 1.25X60X4000	2 b-j	0 c	0 b	8 d-h	1 c-i	0 b
28	T2 (12G) + Pic (150lb) + Vapam (75G) W/B LDPE 1.25X60X4000	2 b-k	0 c	0 b	12 a-e	1 a-e	0 b
29	T2 (12G) + Pic (150lb) + Vapam (75G) VIF B/B Perry 1.25X60X2400	2 b-j	0 bc	0 b	7 d-h	1 c-i	0 b

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Weed Code	harv 11 CUUPE	harv 11 CUUPE	harv 11 CUUPE	harv 12 CUUPE	harv 12 CUUPE	harv 12 CUUPE	harv 12 CUUPE	
Crop Code	fruit	cull	cull	fruit	fruit	cull	cull	
Rating Data Type	lb/plot	#/plot	lb/plot	#/plot	lb/plot	#/plot	lb/plot	
Rating Unit	Sep-21-05	Sep-21-05	Sep-21-05	Sep-23-05	Sep-23-05	Sep-23-05	Sep-23-05	
Rating Date	69 DA-A	69 DA-A	69 DA-A	71 DA-A	71 DA-A	71 DA-A	71 DA-A	
Trt-Eval Interval								
ARM Action Codes								
# Subsamples, Dec.								
Trt No.	Treatment Name	Rate	Rate	Rate	Rate	Rate	Rate	
		Unit	Unit	Unit	Unit	Unit	Unit	
		50	51	52	53	54	55	
		56						
30	T2 (12G) + Pic (150lb) + Vapam (75G) Bromostop B/B VIF 1.25X60X2400	1 d-l	0 bc	0 b	6 e-h	1 d-i	0 b	0 b
31	T2 (12G) + Pic (150lb) + Vapam (75G) Metalized S/S smooth 1.5X60X2400 (Tony)	1 i-l	0 bc	0 b	6 e-h	1 d-i	0 b	0 b
32	T2 (12G) + Pic (150lb) + Vapam (75G) W/W LDPE 1X60X4000	1 c-l	0 bc	0 b	6 e-h	1 e-i	0 b	0 b
33	MB 67:33 (250 lb/A) Metalized B/S embossed 1.25X60X4000 Black on top	1 f-l	1 abc	0 b	11 a-e	1 c-i	0 b	0 b
34	MB 67:33 (250 lb/A) Metalized S/B embossed 1.25X60X4000	2 b-i	0 bc	0 b	13 a-e	1 b-h	0 ab	0 b
35	MB 67:33 (250 lb/A) Metalized S/B smooth 1.25X60X4000	3 b	0 c	0 b	13 a-e	2 abc	0 ab	0 a
36	MB 67:33 (250 lb/A) W/B LDPE 1.25X60X4000	2 b-h	0 bc	0 b	11 a-e	1 c-i	0 b	0 b
37	MB 67:33 (250 lb/A) VIF B/B Perry 1.25X60X2400	2 b-h	0 bc	0 b	10 a-h	1 c-i	0 b	0 b
38	MB 67:33 (250 lb/A) Bromostop B/B VIF 1.25X60X2400	2 b-f	0 c	0 b	9 b-h	1 c-i	0 b	0 b
39	MB 67:33 (250 lb/A) Metalized S/S smooth 1.5X60X2400 (Tony)	2 b-e	0 c	0 b	12 a-e	2 a-e	0 b	0 b
40	MB 67:33 (250 lb/A) W/W LDPE 1X60X4000	4 a	0 bc	0 b	13 a-e	2 a-d	0 b	0 b
41	DMDS 80:20 (750 lbs) Metalized B/S embossed 1.25X60X4000 Black on top	2 b-j	0 c	0 b	11 a-f	1 c-i	0 b	0 b
42	DMDS 80:20 (750 lbs) Metalized S/B embossed 1.25X60X4000	1 d-l	0 c	0 b	7 d-h	1 d-i	0 b	0 b
43	DMDS 80:20 (750 lbs) Metalized S/B smooth 1.25X60X4000	1 c-l	0 bc	0 b	11 a-e	1 d-i	0 ab	0 b

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Weed Code	harv 11	harv 11	harv 11	harv 12	harv 12	harv 12	harv 12	
Crop Code	CUUPE	CUUPE	CUUPE	CUUPE	CUUPE	CUUPE	CUUPE	
Rating Data Type	fruit	cull	cull	fruit	fruit	cull	cull	
Rating Unit	lb/plot	#/plot	lb/plot	#/plot	lb/plot	#/plot	lb/plot	
Rating Date	Sep-21-05	Sep-21-05	Sep-21-05	Sep-23-05	Sep-23-05	Sep-23-05	Sep-23-05	
Trt-Eval Interval	69 DA-A	69 DA-A	69 DA-A	71 DA-A	71 DA-A	71 DA-A	71 DA-A	
ARM Action Codes								
# Subsamples, Dec.								
Trt Treatment	Rate	Rate	Rate	Rate	Rate	Rate	Rate	
No. Name	Rate	Unit	Rate	Unit	Rate	Unit	Rate	
44 DMDS 80:20 (750 lbs) W/B LDPE 1.25X60X4000	1	e-l	0	c	0	b	9	b-h
45 DMDS 80:20 (750 lbs) VIF B/B Perry 1.25X60X2400	1	e-l	0	c	0	b	10	a-g
46 DMDS 80:20 (750 lbs) Bromostop B/B VIF 1.25X60X2400	1	c-l	0	c	0	b	10	a-h
47 DMDS 80:20 (750 lbs) Metalized S/S smooth 1.5X60X2400 (Tony)	1	b-l	0	c	0	b	7	d-h
48 DMDS 80:20 (750 lbs) W/W LDPE 1X60X4000	1	c-l	0	bc	0	b	7	d-h
LSD (P=.05)	1.1		0.8		0.3		6.1	
Standard Deviation	0.6		0.5		0.2		3.8	
CV	40.4		232.87		527.3		39.54	
Bartlett's X2	129.955		8.445		115.974		53.125	
P(Bartlett's X2)	0.001*		0.996		0.001*		0.25	
							0.8	
							0.5	
							457.39	
							2.169	
							0.903	
							0.055	

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

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Weed Code	Total CUUPE	Total CUUPE	Total CUUPE	Total CUUPE	plant 1 CSPAN	plant 2 CSPAN	plant 3 CSPAN	
Crop Code	fruit	fruit	cull	cull	ht	ht	ht	
Rating Data Type	#/plot	lb/plot	#/plot	lb/plot	cm	cm	cm	
Rating Unit								
Rating Date	Nov-01-05	Nov-01-05	Nov-01-05	Nov-01-05	Apr-20-06	Apr-20-06	Apr-20-06	
Trt-Eval Interval	110 DA-A	110 DA-A	110 DA-A	110 DA-A	-450 DA-	-450 DA-	-450 DA-	
ARM Action Codes	T1	T2	T3	T4				
# Subsamples, Dec.	1		1	1				
Trt Treatment	Rate							
No. Name	Rate Unit	57	58	59	60	61	62	63
1 Non-treated Metalized B/S embossed 1.25X60X4000 Black on top	95.0 tu	9 no	1.3 e-h	0.1 i-m	19 a-e	20 ab	20 a-e	
2 Non-treated Metalized S/B embossed 1.25X60X4000	21.3 w	2 q	0.3 gh	0.0 lm	19 a-e	15 d-h	20 a-d	
3 Non-treated Metalized S/B smooth 1.25X60X4000	27.3 w	3 pq	0.0 h	0.0 m	19 a-d	21 a	20 abc	
4 Non-treated W/B LDPE 1.25X60X4000	55.0 ww	4 pq	0.3 gh	0.0 lm	20 ab	19 a-d	19 a-g	
5 Non-treated VIF B/B Perry 1.25X60X2400	119.0 p-t	12 k-n	1.0 fgh	0.2 i-m	21 a	19 a-d	21 a	
6 Non-treated Bromostop VIF B/B 1.25X60X2400	101.7 stu	10 mno	1.0 fgh	0.2 h-m	16 a-g	20 abc	19 a-f	
7 Non-treated Metalized S/S smooth 1.5X60X2400 (Tony)	66.3 uv	6 op	0.3 gh	0.0 klm	18 a-f	18 a-e	18 a-h	
8 Non-treated W/W LDPE 1X60X4000	69.0 uv	6 op	1.7 e-h	0.2 g-m	17 a-g	18 a-e	17 a-h	
9 MB 67:33 (350 lb/A) Metalized B/S embossed 1.25X60X4000 Black on top	157.0 g-p	17 d-j	8.0 a-e	0.9 a-m	17 a-g	18 a-e	19 a-f	
10 MB 67:33 (350 lb/A) Metalized S/B embossed 1.25X60X4000	218.0 abc	21 a-e	7.7 b-f	1.1 a-k	18 a-f	17 a-h	15 d-h	
11 MB 67:33 (350 lb/A) Metalized S/B smooth 1.25X60X4000	229.0 a	23 ab	7.7 b-f	1.1 a-j	17 a-g	15 d-h	16 b-h	
12 MB 67:33 (350 lb/A) W/B LDPE 1.25X60X4000	201.0 a-e	19 b-g	7.7 b-f	1.1 a-j	18 a-f	17 b-h	16 b-h	
13 MB 67:33 (350 lb/A) VIF B/B Perry 1.25X60X2400	163.7 e-n	16 f-k	6.7 b-h	1.0 a-m	15 b-g	16 b-h	17 a-h	
14 MB 67:33 (350 lb/A) Bromostop VIF B/B 1.25X60X2400	182.3 b-i	18 c-h	7.3 b-f	0.9 a-m	20 abc	16 c-h	16 c-h	
15 MB 67:33 (350 lb/A) Metalized S/S smooth 1.5X60X2400 (Tony)	230.0 a	25 a	9.0 abc	1.2 a-h	16 a-g	16 b-h	15 e-h	

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Weed Code	Total CUUPE	Total CUUPE	Total CUUPE	Total CUUPE	plant 1 CSPAN	plant 2 CSPAN	plant 3 CSPAN	
Crop Code	fruit	fruit	cull	cull	ht	ht	ht	
Rating Data Type	#/plot	lb/plot	#/plot	lb/plot	cm	cm	cm	
Rating Unit	Nov-01-05	Nov-01-05	Nov-01-05	Nov-01-05	Apr-20-06	Apr-20-06	Apr-20-06	
Rating Date	110 DA-A	110 DA-A	110 DA-A	110 DA-A	-450 DA-	-450 DA-	-450 DA-	
Trt-Eval Interval	T1	T2	T3	T4				
ARM Action Codes	1		1	1				
# Subsamples, Dec.								
Trt Treatment	Rate							
No. Name	Rate Unit	57	58	59	60	61	62	63
16 MB 67:33 (350 lb/A) W/W LDPE 1X60X4000	186.7 b-h	19 b-h	10.0 ab	1.8 a	17 a-g	16 b-h	17 a-h	
17 MIDAS (350 lb/A) Metalized B/S embossed 1.25X60X4000 Black on top	155.7 h-p	15 g-l	3.0 c-h	0.3 f-m	17 a-g	18 a-e	20 a-e	
18 MIDAS (350 lb/A) Metalized S/B emboss 1.25X60X4000	193.3 a-h	19 b-g	10.0 ab	1.1 a-i	16 a-g	16 b-h	16 c-h	
19 MIDAS (350 lb/A) Metalized S/B smooth 1.25X60X4000	212.7 a-d	23 abc	6.3 b-h	1.3 a-f	16 a-g	16 b-h	15 e-h	
20 MIDAS (350 lb/A) W/B LDP 1.25X60X4000	197.7 a-f	20 a-f	7.7 b-f	1.2 a-i	15 b-g	13 gh	14 gh	
21 MIDAS (350 lb/A) VIF B/B Perry 1.25X60X2400	110.3 q-t	10 mno	2.0 d-h	0.2 g-m	18 a-g	17 a-g	17 a-h	
22 MIDAS (350 lb/A) Bromostop B/B VIF 1.25X60X2400	116.7 q-t	11 lmn	1.3 e-h	0.1 j-m	17 a-g	19 a-d	18 a-h	
23 MIDAS (350 lb/A) Metalized S/S smooth 1.5X60X2400 (Tony)	220.7 ab	21 a-e	6.3 b-h	1.0 a-l	16 a-g	16 b-h	16 c-h	
24 MIDAS (350 lb/A) W/W LDPE 1X60X4000	213.3 a-d	21 a-e	8.7 a-d	1.4 a-e	14 c-g	13 gh	18 a-g	
25 T2 (12G) + Pic (150lb) + Vapam (75G) Metalized B/S embossed 1.25X60X4000 Black on top	125.3 n-t	12 k-n	1.7 e-h	0.3 f-m	17 a-g	14 e-h	20 a-e	
26 T2 (12G) + Pic (150lb) + Vapam (75G) Metalized S/B embossed 1.25X60X4000	119.7 o-t	14 h-l	4.3 b-h	0.6 c-m	17 a-g	18 a-e	19 a-g	
27 T2 (12G) + Pic (150lb) + Vapam (75G) Metalized S/B smooth 1.25X60X4000	175.3 d-k	19 c-h	4.7 b-h	0.8 a-m	17 a-g	16 c-h	16 b-h	
28 T2 (12G) + Pic (150lb) + Vapam (75G) W/B LDPE 1.25X60X4000	192.3 a-h	18 d-i	3.3 b-h	0.4 d-m	16 a-g	13 fgh	15 e-h	
29 T2 (12G) + Pic (150lb) + Vapam (75G) VIF B/B Perry 1.25X60X2400	160.3 f-n	17 e-j	3.7 b-h	0.3 f-m	17 a-g	18 a-e	21 ab	

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Weed Code	Total CUUPE	Total CUUPE	Total CUUPE	Total CUUPE	plant 1 CSPAN	plant 2 CSPAN	plant 3 CSPAN	
Crop Code	fruit	fruit	cull	cull	ht	ht	ht	
Rating Data Type	#/plot	lb/plot	#/plot	lb/plot	cm	cm	cm	
Rating Unit								
Rating Date	Nov-01-05	Nov-01-05	Nov-01-05	Nov-01-05	Apr-20-06	Apr-20-06	Apr-20-06	
Trt-Eval Interval	110 DA-A	110 DA-A	110 DA-A	110 DA-A	-450 DA-	-450 DA-	-450 DA-	
ARM Action Codes	T1	T2	T3	T4				
# Subsamples, Dec.	1		1	1				
Trt Treatment	Rate							
No. Name	Rate Unit	57	58	59	60	61	62	63
30 T2 (12G) + Pic (150lb) + Vapam (75G) Bromostop B/B VIF 1.25X60X2400	104.7 rst	10 mno	1.7 e-h	0.2 g-m	14 d-g	17 a-h	19 a-f	
31 T2 (12G) + Pic (150lb) + Vapam (75G) Metalized S/S smooth 1.5X60X2400 (Tony)	158.0 f-o	16 f-k	5.0 b-h	0.6 c-m	14 d-g	14 e-h	16 c-h	
32 T2 (12G) + Pic (150lb) + Vapam (75G) W/W LDPE 1X60X4000	167.3 e-m	18 c-h	7.0 b-g	0.9 a-m	13 efg	15 d-h	14 fgh	
33 MB 67:33 (250 lb/A) Metalized B/S embossed 1.25X60X4000 Black on top	134.7 l-s	14 h-l	3.0 c-h	0.4 d-m	17 a-g	19 a-d	17 a-h	
34 MB 67:33 (250 lb/A) Metalized S/B embossed 1.25X60X4000	187.3 b-h	19 b-g	14.3 a	1.7 ab	13 fg	15 d-h	14 fgh	
35 MB 67:33 (250 lb/A) Metalized S/B smooth 1.25X60X4000	201.3 a-e	22 abc	14.3 a	1.5 abc	15 b-g	17 b-h	15 e-h	
36 MB 67:33 (250 lb/A) W/B LDPE 1.25X60X4000	170.3 e-l	18 d-i	9.3 abc	1.5 a-d	12 g	13 fgh	15 e-h	
37 MB 67:33 (250 lb/A) VIF B/B Perry 1.25X60X2400	164.7 e-m	18 c-h	5.0 b-h	0.5 c-m	14 d-g	13 h	16 c-h	
38 MB 67:33 (250 lb/A) Bromostop B/B VIF 1.25X60X2400	166.0 e-m	16 f-k	3.7 b-h	0.4 e-m	16 a-g	13 fgh	16 a-h	
39 MB 67:33 (250 lb/A) Metalized S/S smooth 1.5X60X2400 (Tony)	214.0 a-d	22 abc	8.7 a-d	1.2 a-g	17 a-g	18 a-e	18 a-g	
40 MB 67:33 (250 lb/A) W/W LDPE 1X60X4000	196.7 a-g	22 a-d	9.3 abc	1.8 a	16 a-g	16 c-h	15 e-h	
41 DMDS 80:20 (750 lbs) Metalized B/S embossed 1.25X60X4000 Black on top	128.3 m-t	14 i-m	5.3 b-h	0.5 c-m	18 a-g	15 d-h	17 a-h	
42 DMDS 80:20 (750 lbs) Metalized S/B embossed 1.25X60X4000	144.0 i-q	16 f-k	4.3 b-h	0.6 c-m	18 a-f	15 d-h	16 b-h	
43 DMDS 80:20 (750 lbs) Metalized S/B smooth 1.25X60X4000	167.3 e-m	18 d-i	6.7 b-h	1.0 a-m	16 a-g	15 d-h	15 e-h	

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Weed Code	Total CUUPE	Total CUUPE	Total CUUPE	Total CUUPE	plant 1 CSPAN	plant 2 CSPAN	plant 3 CSPAN	
Crop Code	fruit	fruit	cull	cull	ht	ht	ht	
Rating Data Type	#/plot	lb/plot	#/plot	lb/plot	cm	cm	cm	
Rating Unit	Nov-01-05	Nov-01-05	Nov-01-05	Nov-01-05	Apr-20-06	Apr-20-06	Apr-20-06	
Rating Date	110 DA-A	110 DA-A	110 DA-A	110 DA-A	-450 DA-	-450 DA-	-450 DA-	
Trt-Eval Interval	T1	T2	T3	T4				
ARM Action Codes	1		1	1				
# Subsamples, Dec.								
Trt Treatment	Rate							
No. Name	Rate Unit	57	58	59	60	61	62	63
44 DMDS 80:20 (750 lbs) W/B LDPE 1.25X60X4000	172.3 e-l	16 f-k	8.0 a-e	1.2 a-i	15 b-g	16 b-h	13 h	
45 DMDS 80:20 (750 lbs) VIF B/B Perry 1.25X60X2400	137.7 k-s	13 j-n	4.3 b-h	0.6 c-m	18 a-g	18 a-f	16 b-h	
46 DMDS 80:20 (750 lbs) Bromostop B/B VIF 1.25X60X2400	141.7 j-r	15 g-l	6.0 b-h	1.0 a-l	17 a-g	15 d-h	17 a-h	
47 DMDS 80:20 (750 lbs) Metalized S/S smooth 1.5X60X2400 (Tony)	180.0 c-j	19 b-g	4.3 b-h	0.8 a-m	17 a-g	15 d-h	17 a-h	
48 DMDS 80:20 (750 lbs) W/W LDPE 1X60X4000	142.3 j-r	15 g-k	4.3 b-h	0.7 b-m	16 a-g	17 a-g	16 b-h	
LSD (P=.05)	32.40	3.6	5.37	0.82	4.4	3.6	3.9	
Standard Deviation	20.04	2.2	3.32	0.51	2.7	2.2	2.4	
CV	13.01	14.34	61.87	67.58	16.5	13.53	14.5	
Bartlett's X2	39.614	61.238	74.441	86.66	55.432	28.332	44.272	
P(Bartlett's X2)	0.769	0.079	0.004*	0.001*	0.137	0.981	0.586	

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

Column 57: T1 = [C9]+[C13]+[C17]+[C21]+[C25]+[C29]+[C33]+[C37]+[C41]+[C45]+[C49]+[C53]

Column 58: T2 = [C10]+[C14]+[C18]+[C22]+[C26]+[C30]+[C34]+[C38]+[C42]+[C46]+[C50]+[C54]

Column 59: T3 = [C11]+[C15]+[C19]+[C23]+[C27]+[C31]+[C35]+[C39]+[C43]+[C47]+[C51]+[C55]

Column 60: T4 = [C12]+[C16]+[C20]+[C24]+[C28]+[C32]+[C36]+[C40]+[C44]+[C48]+[C52]+[C56]

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Weed Code	plant 4 CSPAN	plant 5 CSPAN	plant 6 CSPAN	plant 7 CSPAN	plant 8 CSPAN	plant 9 CSPAN	plant 10 CSPAN	plant 11 CSPAN
Crop Code								
Rating Data Type	ht	ht	ht	ht	ht	ht	ht	ht
Rating Unit	cm	cm	cm	cm	cm	cm	cm	cm
Rating Date	Apr-20-06	Apr-20-06	Apr-20-06	Apr-20-06	Apr-20-06	Apr-20-06	Apr-20-06	Apr-20-06
Trt-Eval Interval	-450 DA-	-450 DA-	-450 DA-	-450 DA-	-450 DA-	-450 DA-	-450 DA-	-450 DA-
ARM Action Codes								
# Subsamples, Dec.								
Trt Treatment								
No. Name								
Rate								
Unit								
	64	65	66	67	68	69	70	71
1 Non-treated Metalized B/S embossed 1.25X60X4000 Black on top	19 a-d	21 abc	17 b-i	19 a-g	18 a-g	16 b-h	17 abc	20 ab
2 Non-treated Metalized S/B embossed 1.25X60X4000	18 a-d	24 a	15 e-j	20 abc	19 abc	18 a-h	21 a	18 abc
3 Non-treated Metalized S/B smooth 1.25X60X4000	18 a-d	17 c-h	20 a-d	20 a-d	19 abc	20 ab	19 ab	17 abc
4 Non-treated W/B LDPE 1.25X60X4000	17 a-d	16 d-h	16 c-j	19 a-g	20 ab	18 a-g	19 ab	15 abc
5 Non-treated VIF B/B Perry 1.25X60X2400	18 a-d	19 b-g	18 a-g	18 a-g	19 abc	21 a	19 ab	17 abc
6 Non-treated Bromostop VIF B/B 1.25X60X2400	21 a	20 a-d	20 abc	21 ab	20 ab	19 a-e	18 abc	16 abc
7 Non-treated Metalized S/S smooth 1.5X60X2400 (Tony)	18 a-d	17 c-h	18 a-g	17 a-g	17 a-h	18 a-g	16 abc	17 abc
8 Non-treated W/W LDPE 1X60X4000	17 a-d	19 b-f	19 a-e	19 a-g	19 a-d	18 a-g	19 abc	17 abc
9 MB 67:33 (350 lb/A) Metalized B/S embossed 1.25X60X4000 Black on top	17 a-d	19 b-g	17 b-i	19 a-g	17 a-g	17 a-h	18 abc	15 bc
10 MB 67:33 (350 lb/A) Metalized S/B embossed 1.25X60X4000	17 a-d	18 b-h	17 b-i	19 a-f	17 a-h	16 a-h	16 abc	18 abc
11 MB 67:33 (350 lb/A) Metalized S/B smooth 1.25X60X4000	17 a-d	17 c-h	17 b-i	16 b-g	17 a-h	17 a-h	17 abc	13 c
12 MB 67:33 (350 lb/A) W/B LDPE 1.25X60X4000	16 a-d	18 b-h	16 c-j	17 a-g	19 a-e	17 a-h	13 cd	15 abc
13 MB 67:33 (350 lb/A) VIF B/B Perry 1.25X60X2400	17 a-d	16 d-h	16 c-j	16 b-g	14 e-h	16 b-h	17 abc	16 abc
14 MB 67:33 (350 lb/A) Bromostop VIF B/B 1.25X60X2400	14 cd	15 fgh	15 d-j	16 b-g	17 a-h	16 b-h	16 abc	16 abc
15 MB 67:33 (350 lb/A) Metalized S/S smooth 1.5X60X2400 (Tony)	14 d	17 c-h	16 c-j	17 a-g	12 h	15 c-h	16 abc	18 abc

University of Georgia

Weed Code	plant 4 CSPAN	plant 5 CSPAN	plant 6 CSPAN	plant 7 CSPAN	plant 8 CSPAN	plant 9 CSPAN	plant 10 CSPAN	plant 11 CSPAN
Crop Code	ht	ht	ht	ht	ht	ht	ht	ht
Rating Data Type	cm	cm	cm	cm	cm	cm	cm	cm
Rating Unit	Apr-20-06	Apr-20-06	Apr-20-06	Apr-20-06	Apr-20-06	Apr-20-06	Apr-20-06	Apr-20-06
Rating Date	-450 DA-	-450 DA-	-450 DA-	-450 DA-	-450 DA-	-450 DA-	-450 DA-	-450 DA-
Trt-Eval Interval								
ARM Action Codes								
# Subsamples, Dec.								
Trt Treatment	Rate	Rate	Rate	Rate	Rate	Rate	Rate	Rate
No. Name	Rate Unit	Rate Unit	Rate Unit	Rate Unit	Rate Unit	Rate Unit	Rate Unit	Rate Unit
16 MB 67:33 (350 lb/A) W/W LDPE 1X60X4000	64	65	66	67	68	69	70	71
	15 cd	16 d-h	17 b-j	15 d-g	16 a-h	15 e-h	14 bcd	16 abc
17 MIDAS (350 lb/A) Metalized B/S embossed 1.25X60X4000 Black on top	21 ab	22 ab	22 a	22 a	20 a	19 a-e	18 abc	18 abc
18 MIDAS (350 lb/A) Metalized S/B emboss 1.25X60X4000	18 a-d	17 c-h	15 f-j	18 a-g	19 abc	16 b-h	18 abc	15 abc
19 MIDAS (350 lb/A) Metalized S/B smooth 1.25X60X4000	16 bcd	17 c-h	15 d-j	17 a-g	17 a-h	16 b-h	15 abc	17 abc
20 MIDAS (350 lb/A) W/B LDP 1.25X60X4000	17 a-d	17 c-h	16 c-j	15 b-g	14 d-h	16 b-h	16 abc	14 bc
21 MIDAS (350 lb/A) VIF B/B Perry 1.25X60X2400	19 abc	21 abc	20 abc	19 a-g	18 a-f	16 b-h	17 abc	18 abc
22 MIDAS (350 lb/A) Bromostop B/B VIF 1.25X60X2400	18 a-d	19 b-f	18 a-g	19 a-g	19 a-e	20 a-d	18 abc	20 ab
23 MIDAS (350 lb/A) Metalized S/S smooth 1.5X60X2400 (Tony)	16 a-d	15 e-h	16 c-j	16 b-g	16 a-h	16 a-h	16 abc	18 abc
24 MIDAS (350 lb/A) W/W LDPE 1X60X4000	17 a-d	19 b-f	19 a-g	18 a-g	15 b-h	16 b-h	16 abc	16 abc
25 T2 (12G) + Pic (150lb) + Vapam (75G) Metalized B/S embossed 1.25X60X4000 Black on top	16 a-d	17 c-h	19 a-f	16 b-g	18 a-g	18 a-h	16 abc	17 abc
26 T2 (12G) + Pic (150lb) + Vapam (75G) Metalized S/B embossed 1.25X60X4000	16 a-d	21 abc	18 a-g	20 a-e	19 a-e	18 a-g	16 abc	19 abc
27 T2 (12G) + Pic (150lb) + Vapam (75G) Metalized S/B smooth 1.25X60X4000	16 a-d	17 c-h	17 b-i	15 c-g	18 a-g	17 a-h	17 abc	14 bc
28 T2 (12G) + Pic (150lb) + Vapam (75G) W/B LDPE 1.25X60X4000	15 cd	16 d-h	15 e-j	17 a-g	19 a-e	20 a-d	16 abc	19 abc
29 T2 (12G) + Pic (150lb) + Vapam (75G) VIF B/B Perry 1.25X60X2400	16 a-d	16 d-h	15 f-j	16 b-g	13 gh	18 a-g	17 abc	20 ab

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Weed Code	plant 4 CSPAN	plant 5 CSPAN	plant 6 CSPAN	plant 7 CSPAN	plant 8 CSPAN	plant 9 CSPAN	plant 10 CSPAN	plant 11 CSPAN
Crop Code								
Rating Data Type	ht	ht	ht	ht	ht	ht	ht	ht
Rating Unit	cm	cm	cm	cm	cm	cm	cm	cm
Rating Date	Apr-20-06	Apr-20-06	Apr-20-06	Apr-20-06	Apr-20-06	Apr-20-06	Apr-20-06	Apr-20-06
Trt-Eval Interval	-450 DA-	-450 DA-	-450 DA-	-450 DA-	-450 DA-	-450 DA-	-450 DA-	-450 DA-
ARM Action Codes								
# Subsamples, Dec.								
Trt Treatment								
No. Name								
Rate								
Unit								
	64	65	66	67	68	69	70	71
30 T2 (12G) + Pic (150lb) + Vapam (75G) Bromostop B/B VIF 1.25X60X2400	16 a-d	20 b-e	17 a-h	18 a-g	17 a-h	17 a-h	17 abc	21 a
31 T2 (12G) + Pic (150lb) + Vapam (75G) Metalized S/S smooth 1.5X60X2400 (Tony)	14 cd	16 d-h	16 c-j	16 b-g	16 a-h	16 b-h	16 abc	20 ab
32 T2 (12G) + Pic (150lb) + Vapam (75G) W/W LDPE 1X60X4000	16 a-d	15 fgh	13 ij	14 efg	15 c-h	16 b-h	16 abc	17 abc
33 MB 67:33 (250 lb/A) Metalized B/S embossed 1.25X60X4000 Black on top	19 abc	19 b-f	21 ab	16 b-g	19 a-d	20 abc	9 d	16 abc
34 MB 67:33 (250 lb/A) Metalized S/B embossed 1.25X60X4000	16 bcd	17 c-h	16 c-j	16 b-g	17 a-g	17 a-h	17 abc	17 abc
35 MB 67:33 (250 lb/A) Metalized S/B smooth 1.25X60X4000	16 a-d	14 gh	12 j	14 efg	16 a-h	15 e-h	16 abc	16 abc
36 MB 67:33 (250 lb/A) W/B LDPE 1.25X60X4000	16 a-d	17 c-h	15 d-j	16 b-g	16 a-h	17 a-h	17 abc	15 abc
37 MB 67:33 (250 lb/A) VIF B/B Perry 1.25X60X2400	18 a-d	14 h	13 hij	14 fg	16 a-h	16 b-h	17 abc	15 abc
38 MB 67:33 (250 lb/A) Bromostop B/B VIF 1.25X60X2400	15 cd	16 d-h	17 b-i	14 g	17 a-g	19 a-f	17 abc	16 abc
39 MB 67:33 (250 lb/A) Metalized S/S smooth 1.5X60X2400 (Tony)	16 a-d	16 c-h	17 b-j	16 b-g	15 b-h	15 d-h	16 abc	17 abc
40 MB 67:33 (250 lb/A) W/W LDPE 1X60X4000	14 cd	14 gh	16 c-j	16 b-g	17 a-h	15 d-h	18 abc	15 bc
41 DMDS 80:20 (750 lbs) Metalized B/S embossed 1.25X60X4000 Black on top	16 bcd	19 b-g	18 a-g	17 a-g	16 a-h	16 a-h	15 abc	16 abc
42 DMDS 80:20 (750 lbs) Metalized S/B embossed 1.25X60X4000	15 cd	16 d-h	17 b-j	14 g	15 b-h	15 c-h	14 bcd	17 abc
43 DMDS 80:20 (750 lbs) Metalized S/B smooth 1.25X60X4000	15 cd	14 gh	14 g-j	15 d-g	16 a-h	17 a-h	15 bcd	17 abc

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Weed Code	plant 4 CSPAN	plant 5 CSPAN	plant 6 CSPAN	plant 7 CSPAN	plant 8 CSPAN	plant 9 CSPAN	plant 10 CSPAN	plant 11 CSPAN	
Crop Code	ht	ht	ht	ht	ht	ht	ht	ht	
Rating Data Type	cm	cm	cm	cm	cm	cm	cm	cm	
Rating Unit	Apr-20-06	Apr-20-06	Apr-20-06	Apr-20-06	Apr-20-06	Apr-20-06	Apr-20-06	Apr-20-06	
Rating Date	-450 DA-	-450 DA-	-450 DA-	-450 DA-	-450 DA-	-450 DA-	-450 DA-	-450 DA-	
Trt-Eval Interval									
ARM Action Codes									
# Subsamples, Dec.									
Trt Treatment	Rate								
No. Name	Rate Unit	64	65	66	67	68	69	70	71
44 DMDS 80:20 (750 lbs) W/B LDPE 1.25X60X4000		14 cd	14 gh	13 hij	15 c-g	14 d-h	14 gh	14 bcd	16 abc
45 DMDS 80:20 (750 lbs) VIF B/B Perry 1.25X60X2400		16 a-d	17 c-h	17 a-h	14 efg	13 gh	15 e-h	14 bcd	17 abc
46 DMDS 80:20 (750 lbs) Bromostop B/B VIF 1.25X60X2400		18 a-d	16 c-h	13 hij	15 b-g	16 a-h	17 a-h	15 abc	17 abc
47 DMDS 80:20 (750 lbs) Metalized S/S smooth 1.5X60X2400 (Tony)		15 cd	16 c-h	17 b-i	14 efg	14 fgh	13 h	14 bcd	16 abc
48 DMDS 80:20 (750 lbs) W/W LDPE 1X60X4000		16 bcd	14 gh	15 e-j	15 b-g	15 c-h	14 fgh	14 bcd	15 bc
LSD (P=.05)		4.0	3.5	3.7	4.2	3.9	3.9	4.5	4.5
Standard Deviation		2.5	2.1	2.3	2.6	2.4	2.4	2.8	2.8
CV		14.98	12.41	13.68	15.67	14.25	14.37	17.26	16.76
Bartlett's X2		40.922	43.158	49.53	71.053	47.601	43.673	53.361	57.308
P(Bartlett's X2)		0.721	0.592	0.334	0.013*	0.407	0.611	0.212	0.123

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

University of Georgia

Weed Code	plant 12 CSPAN	plant 13 CSPAN	plant 14 CSPAN	plant 15 CSPAN	plant 16 CSPAN	plant 17 CSPAN	plant 18 CSPAN	plant 19 CSPAN
Crop Code								
Rating Data Type	ht	ht	ht	ht	ht	ht	ht	ht
Rating Unit	cm	cm	cm	cm	cm	cm	cm	cm
Rating Date	Apr-20-06	Apr-20-06	Apr-20-06	Apr-20-06	Apr-20-06	Apr-20-06	Apr-20-06	Apr-20-06
Trt-Eval Interval	-450 DA-	-450 DA-	-450 DA-	-450 DA-	-450 DA-	-450 DA-	-450 DA-	-450 DA-
ARM Action Codes								
# Subsamples, Dec.								
Trt Treatment								
No. Name								
Rate								
Unit								
	72	73	74	75	76	77	78	79
1 Non-treated Metalized B/S embossed 1.25X60X4000 Black on top	21 a	18 a-d	19 abc	18 a-f	17 a-f	17 abc	17 a-g	17 a-f
2 Non-treated Metalized S/B embossed 1.25X60X4000	17 a-f	20 abc	21 ab	20 abc	18 a-e	19 ab	19 a-d	17 a-f
3 Non-treated Metalized S/B smooth 1.25X60X4000	18 a-f	19 a-d	16 a-d	17 a-f	15 c-f	18 ab	18 a-f	17 a-f
4 Non-treated W/B LDPE 1.25X60X4000	15 c-f	14 cd	16 a-d	16 a-f	18 a-e	17 a-d	17 a-g	15 c-f
5 Non-treated VIF B/B Perry 1.25X60X2400	19 a-d	20 abc	17 a-d	20 abc	17 a-f	19 ab	18 a-f	21 ab
6 Non-treated Bromostop VIF B/B 1.25X60X2400	19 a-d	19 a-d	18 abc	18 a-f	19 abc	19 ab	18 a-f	19 a-d
7 Non-treated Metalized S/S smooth 1.5X60X2400 (Tony)	19 a-d	16 a-d	17 a-d	15 b-f	17 a-f	17 abc	15 b-g	16 b-f
8 Non-treated W/W LDPE 1X60X4000	16 a-f	17 a-d	18 a-d	15 c-f	16 b-f	15 bcd	15 c-g	13 ef
9 MB 67:33 (350 lb/A) Metalized B/S embossed 1.25X60X4000 Black on top	18 a-f	16 a-d	18 a-d	18 a-f	19 abc	18 ab	18 a-f	17 a-f
10 MB 67:33 (350 lb/A) Metalized S/B embossed 1.25X60X4000	17 a-f	16 a-d	11 d	19 a-e	15 c-f	14 bcd	14 efg	16 b-f
11 MB 67:33 (350 lb/A) Metalized S/B smooth 1.25X60X4000	15 b-f	15 bcd	15 bcd	16 a-f	17 a-f	16 a-d	16 b-g	13 def
12 MB 67:33 (350 lb/A) W/B LDPE 1.25X60X4000	15 c-f	14 cd	17 a-d	17 a-f	13 ef	12 cd	13 g	14 c-f
13 MB 67:33 (350 lb/A) VIF B/B Perry 1.25X60X2400	17 a-f	17 a-d	16 a-d	19 a-d	19 a-d	17 abc	16 b-g	16 c-f
14 MB 67:33 (350 lb/A) Bromostop VIF B/B 1.25X60X2400	17 a-f	16 a-d	17 a-d	17 a-f	19 a-d	19 ab	19 a-e	16 b-f
15 MB 67:33 (350 lb/A) Metalized S/S smooth 1.5X60X2400 (Tony)	17 a-f	18 a-d	20 abc	19 a-d	16 a-f	17 abc	18 a-g	16 b-f

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Weed Code	plant 12 CSPAN	plant 13 CSPAN	plant 14 CSPAN	plant 15 CSPAN	plant 16 CSPAN	plant 17 CSPAN	plant 18 CSPAN	plant 19 CSPAN
Crop Code								
Rating Data Type	ht	ht	ht	ht	ht	ht	ht	ht
Rating Unit	cm	cm	cm	cm	cm	cm	cm	cm
Rating Date	Apr-20-06	Apr-20-06	Apr-20-06	Apr-20-06	Apr-20-06	Apr-20-06	Apr-20-06	Apr-20-06
Trt-Eval Interval	-450 DA-	-450 DA-	-450 DA-	-450 DA-	-450 DA-	-450 DA-	-450 DA-	-450 DA-
ARM Action Codes								
# Subsamples, Dec.								
Trt Treatment								
No. Name								
Rate								
Unit								
	72	73	74	75	76	77	78	79
16 MB 67:33 (350 lb/A) W/W LDPE 1X60X4000	14 def	16 bcd	15 bcd	15 c-f	17 a-f	17 a-d	15 d-g	15 c-f
17 MIDAS (350 lb/A) Metalized B/S embossed 1.25X60X4000 Black on top	20 abc	19 a-d	18 a-d	18 a-e	19 a-d	19 ab	19 a-e	19 a-d
18 MIDAS (350 lb/A) Metalized S/B emboss 1.25X60X4000	16 a-f	18 a-d	18 a-d	17 a-f	19 a-d	18 ab	18 a-g	15 c-f
19 MIDAS (350 lb/A) Metalized S/B smooth 1.25X60X4000	16 a-f	17 a-d	14 cd	16 a-f	15 c-f	15 bcd	16 b-g	15 c-f
20 MIDAS (350 lb/A) W/B LDP 1.25X60X4000	16 a-f	16 bcd	17 a-d	17 a-f	16 a-f	15 bcd	17 b-g	17 a-f
21 MIDAS (350 lb/A) VIF B/B Perry 1.25X60X2400	19 a-d	19 abc	18 a-d	18 a-e	19 a-d	17 abc	18 a-g	17 b-f
22 MIDAS (350 lb/A) Bromostop B/B VIF 1.25X60X2400	18 a-f	21 a	19 abc	18 a-f	18 a-e	18 ab	18 a-f	18 a-e
23 MIDAS (350 lb/A) Metalized S/S smooth 1.5X60X2400 (Tony)	20 ab	18 a-d	17 a-d	17 a-f	15 b-f	15 bcd	15 b-g	19 abc
24 MIDAS (350 lb/A) W/W LDPE 1X60X4000	13 f	16 a-d	16 a-d	14 def	12 f	12 d	14 fg	14 c-f
25 T2 (12G) + Pic (150lb) + Vapam (75G) Metalized B/S embossed 1.25X60X4000 Black on top	14 def	20 ab	20 abc	18 a-f	22 a	17 a-d	20 abc	18 a-d
26 T2 (12G) + Pic (150lb) + Vapam (75G) Metalized S/B embossed 1.25X60X4000	19 a-d	18 a-d	18 a-d	20 ab	19 abc	18 ab	22 a	22 a
27 T2 (12G) + Pic (150lb) + Vapam (75G) Metalized S/B smooth 1.25X60X4000	17 a-f	20 ab	20 abc	20 abc	20 abc	18 ab	19 a-d	18 a-d
28 T2 (12G) + Pic (150lb) + Vapam (75G) W/B LDPE 1.25X60X4000	18 a-e	18 a-d	17 a-d	17 a-f	18 a-e	18 ab	17 b-g	19 abc
29 T2 (12G) + Pic (150lb) + Vapam (75G) VIF B/B Perry 1.25X60X2400	20 abc	18 a-d	20 abc	19 a-d	19 a-d	17 abc	19 a-e	19 abc

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Weed Code	plant 12 CSPAN	plant 13 CSPAN	plant 14 CSPAN	plant 15 CSPAN	plant 16 CSPAN	plant 17 CSPAN	plant 18 CSPAN	plant 19 CSPAN
Crop Code								
Rating Data Type	ht	ht	ht	ht	ht	ht	ht	ht
Rating Unit	cm	cm	cm	cm	cm	cm	cm	cm
Rating Date	Apr-20-06	Apr-20-06	Apr-20-06	Apr-20-06	Apr-20-06	Apr-20-06	Apr-20-06	Apr-20-06
Trt-Eval Interval	-450 DA-	-450 DA-	-450 DA-	-450 DA-	-450 DA-	-450 DA-	-450 DA-	-450 DA-
ARM Action Codes								
# Subsamples, Dec.								
Trt Treatment								
No. Name								
Rate								
Unit								
	72	73	74	75	76	77	78	79
30 T2 (12G) + Pic (150lb) + Vapam (75G) Bromostop B/B VIF 1.25X60X2400	20 a	20 abc	22 a	21 a	19 a-d	20 a	20 ab	19 abc
31 T2 (12G) + Pic (150lb) + Vapam (75G) Metalized S/S smooth 1.5X60X2400 (Tony)	18 a-f	16 a-d	17 a-d	17 a-f	19 a-e	18 ab	18 a-f	18 a-d
32 T2 (12G) + Pic (150lb) + Vapam (75G) W/W LDPE 1X60X4000	16 a-f	16 bcd	16 a-d	15 b-f	16 b-f	15 a-d	14 fg	13 def
33 MB 67:33 (250 lb/A) Metalized B/S embossed 1.25X60X4000 Black on top	14 def	19 a-d	17 a-d	15 c-f	20 ab	17 abc	15 b-g	16 b-f
34 MB 67:33 (250 lb/A) Metalized S/B embossed 1.25X60X4000	16 a-f	15 bcd	14 cd	16 a-f	12 f	18 ab	17 b-g	19 abc
35 MB 67:33 (250 lb/A) Metalized S/B smooth 1.25X60X4000	18 a-e	16 a-d	15 bcd	18 a-f	16 b-f	15 bcd	16 b-g	14 c-f
36 MB 67:33 (250 lb/A) W/B LDPE 1.25X60X4000	14 ef	15 bcd	16 a-d	16 b-f	16 b-f	17 abc	16 b-g	15 c-f
37 MB 67:33 (250 lb/A) VIF B/B Perry 1.25X60X2400	16 a-f	16 a-d	16 a-d	20 abc	18 a-e	18 ab	17 b-g	17 b-f
38 MB 67:33 (250 lb/A) Bromostop B/B VIF 1.25X60X2400	19 a-e	18 a-d	18 a-d	16 a-f	15 c-f	17 abc	14 d-g	16 c-f
39 MB 67:33 (250 lb/A) Metalized S/S smooth 1.5X60X2400 (Tony)	16 a-f	14 d	15 bcd	17 a-f	15 b-f	17 abc	17 a-g	18 a-e
40 MB 67:33 (250 lb/A) W/W LDPE 1X60X4000	16 a-f	16 a-d	16 a-d	16 b-f	17 a-f	15 bcd	17 b-g	15 c-f
41 DMDS 80:20 (750 lbs) Metalized B/S embossed 1.25X60X4000 Black on top	17 a-f	17 a-d	17 a-d	16 a-f	14 c-f	18 ab	18 a-f	15 c-f
42 DMDS 80:20 (750 lbs) Metalized S/B embossed 1.25X60X4000	17 a-f	16 bcd	16 a-d	14 ef	14 def	15 bcd	14 fg	12 f
43 DMDS 80:20 (750 lbs) Metalized S/B smooth 1.25X60X4000	17 a-f	16 a-d	16 a-d	17 a-f	17 a-f	17 abc	16 b-g	13 def

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Weed Code	plant 12	plant 13	plant 14	plant 15	plant 16	plant 17	plant 18	plant 19	
Crop Code	CSPAN	CSPAN	CSPAN	CSPAN	CSPAN	CSPAN	CSPAN	CSPAN	
Rating Data Type	ht	ht	ht	ht	ht	ht	ht	ht	
Rating Unit	cm	cm	cm	cm	cm	cm	cm	cm	
Rating Date	Apr-20-06	Apr-20-06	Apr-20-06	Apr-20-06	Apr-20-06	Apr-20-06	Apr-20-06	Apr-20-06	
Trt-Eval Interval	-450 DA-	-450 DA-	-450 DA-	-450 DA-	-450 DA-	-450 DA-	-450 DA-	-450 DA-	
ARM Action Codes									
# Subsamples, Dec.									
Trt Treatment	Rate								
No. Name	Rate Unit	72	73	74	75	76	77	78	
44 DMDS 80:20 (750 lbs) W/B LDPE 1.25X60X4000		16 a-f	15 bcd	15 bcd	13 f	14 c-f	14 bcd	15 d-g	14 c-f
45 DMDS 80:20 (750 lbs) VIF B/B Perry 1.25X60X2400		16 a-f	18 a-d	19 abc	17 a-f	18 a-e	18 ab	15 b-g	14 c-f
46 DMDS 80:20 (750 lbs) Bromostop B/B VIF 1.25X60X2400		19 a-e	17 a-d	19 abc	19 a-e	17 a-f	17 a-d	18 a-g	16 c-f
47 DMDS 80:20 (750 lbs) Metalized S/S smooth 1.5X60X2400 (Tony)		15 c-f	15 bcd	15 bcd	17 a-f	17 a-f	16 a-d	16 b-g	16 b-f
48 DMDS 80:20 (750 lbs) W/W LDPE 1X60X4000		16 a-f	15 bcd	17 a-d	18 a-f	15 b-f	16 a-d	16 b-g	15 c-f
LSD (P=.05)		4.2	4.2	5.1	4.1	4.4	4.2	3.8	4.5
Standard Deviation		2.6	2.6	3.2	2.6	2.7	2.6	2.3	2.8
CV		15.18	15.37	18.47	14.88	16.03	15.36	13.87	16.81
Bartlett's X2		44.808	43.238	65.248	50.461	56.433	38.162	55.777	37.529
P(Bartlett's X2)		0.564	0.629	0.04*	0.302	0.163	0.788	0.178	0.744

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

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Weed Code	plant 20	Avg.40pl	CYPZZ
Crop Code	CSPAN	CSPAN	
Rating Data Type	ht	ht	#
Rating Unit	cm	cm	per plot
Rating Date	Apr-20-06	Apr-20-06	Apr-20-06
Trt-Eval Interval	-450 DA-	-450 DA-	-450 DA-
ARM Action Codes		T5	
# Subsamples, Dec.			
Trt Treatment	Rate		
No. Name	Rate Unit	80	81
		82	
1 Non-treated Metalized B/S embossed 1.25X60X4000 Black on top	19 abc	18 a-f	20 b-e
2 Non-treated Metalized S/B embossed 1.25X60X4000	19 abc	19 abc	28 a-d
3 Non-treated Metalized S/B smooth 1.25X60X4000	16 abc	18 a-g	33 ab
4 Non-treated W/B LDPE 1.25X60X4000	15 abc	17 a-n	28 a-d
5 Non-treated VIF B/B Perry 1.25X60X2400	20 a	19 a	17 b-e
6 Non-treated Bromostop VIF B/B 1.25X60X2400	17 abc	19 abc	16 b-e
7 Non-treated Metalized S/S smooth 1.5X60X2400 (Tony)	18 abc	17 a-m	14 b-e
8 Non-treated W/W LDPE 1X60X4000	16 abc	17 a-n	17 b-e
9 MB 67:33 (350 lb/A) Metalized B/S embossed 1.25X60X4000 Black on top	17 abc	18 a-k	12 b-e
10 MB 67:33 (350 lb/A) Metalized S/B embossed 1.25X60X4000	15 bc	16 f-o	27 b-e
11 MB 67:33 (350 lb/A) Metalized S/B smooth 1.25X60X4000	14 c	16 i-o	2 de
12 MB 67:33 (350 lb/A) W/B LDPE 1.25X60X4000	14 c	16 j-o	26 b-e
13 MB 67:33 (350 lb/A) VIF B/B Perry 1.25X60X2400	14 c	16 f-o	1 e
14 MB 67:33 (350 lb/A) Bromostop VIF B/B 1.25X60X2400	17 abc	17 c-n	2 de
15 MB 67:33 (350 lb/A) Metalized S/S smooth 1.5X60X2400 (Tony)	16 abc	16 e-o	0 e

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Weed Code	plant 20	Avg.40pl	CYPZZ	
Crop Code	CSPAN	CSPAN		
Rating Data Type	ht	ht	#	
Rating Unit	cm	cm	per plot	
Rating Date	Apr-20-06	Apr-20-06	Apr-20-06	
Trt-Eval Interval	-450 DA-	-450 DA-	-450 DA-	
ARM Action Codes		T5		
# Subsamples, Dec.				
Trt No.	Treatment Name	Rate	Unit	
		80	81	
		82		
16	MB 67:33 (350 lb/A) W/W LDPE 1X60X4000	16 abc	16 j-o	27 b-e
17	MIDAS (350 lb/A) Metalized B/S embossed 1.25X60X4000 Black on top	15 abc	19 ab	8 b-e
18	MIDAS (350 lb/A) Metalized S/B emboss 1.25X60X4000	17 abc	17 b-n	25 b-e
19	MIDAS (350 lb/A) Metalized S/B smooth 1.25X60X4000	14 bc	16 i-o	11 b-e
20	MIDAS (350 lb/A) W/B LDP 1.25X60X4000	16 abc	16 i-o	32 abc
21	MIDAS (350 lb/A) VIF B/B Perry 1.25X60X2400	18 abc	18 a-h	1 e
22	MIDAS (350 lb/A) Bromostop B/B VIF 1.25X60X2400	18 abc	19 a-e	3 de
23	MIDAS (350 lb/A) Metalized S/S smooth 1.5X60X2400 (Tony)	18 abc	17 d-o	1 e
24	MIDAS (350 lb/A) W/W LDPE 1X60X4000	15 abc	15 l-o	25 b-e
25	T2 (12G) + Pic (150lb) + Vapam (75G) Metalized B/S embossed 1.25X60X4000 Black on top	19 abc	18 a-j	19 b-e
26	T2 (12G) + Pic (150lb) + Vapam (75G) Metalized S/B embossed 1.25X60X4000	20 ab	19 abc	16 b-e
27	T2 (12G) + Pic (150lb) + Vapam (75G) Metalized S/B smooth 1.25X60X4000	19 abc	17 a-l	2 de
28	T2 (12G) + Pic (150lb) + Vapam (75G) W/B LDPE 1.25X60X4000	18 abc	17 a-n	23 b-e
29	T2 (12G) + Pic (150lb) + Vapam (75G) VIF B/B Perry 1.25X60X2400	20 ab	18 a-i	7 b-e

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Weed Code	plant 20	Avg.40pl	CYPZZ
Crop Code	CSPAN	CSPAN	
Rating Data Type	ht	ht	#
Rating Unit	cm	cm	per plot
Rating Date	Apr-20-06	Apr-20-06	Apr-20-06
Trt-Eval Interval	-450 DA-	-450 DA-	-450 DA-
ARM Action Codes		T5	
# Subsamples, Dec.			
Trt Treatment	Rate		
No. Name	Rate Unit		
30 T2 (12G) + Pic (150lb) + Vapam (75G) Bromostop B/B VIF 1.25X60X2400	18 abc	19 a-d	10 b-e
31 T2 (12G) + Pic (150lb) + Vapam (75G) Metalized S/S smooth 1.5X60X2400 (Tony)	18 abc	17 d-o	8 b-e
32 T2 (12G) + Pic (150lb) + Vapam (75G) W/W LDPE 1X60X4000	14 c	15 no	11 b-e
33 MB 67:33 (250 lb/A) Metalized B/S embossed 1.25X60X4000 Black on top	18 abc	17 a-m	16 b-e
34 MB 67:33 (250 lb/A) Metalized S/B embossed 1.25X60X4000	18 abc	16 g-o	52 a
35 MB 67:33 (250 lb/A) Metalized S/B smooth 1.25X60X4000	16 abc	16 j-o	7 b-e
36 MB 67:33 (250 lb/A) W/B LDPE 1.25X60X4000	18 abc	16 j-o	14 b-e
37 MB 67:33 (250 lb/A) VIF B/B Perry 1.25X60X2400	18 abc	16 h-o	0 e
38 MB 67:33 (250 lb/A) Bromostop B/B VIF 1.25X60X2400	14 bc	16 f-o	0 e
39 MB 67:33 (250 lb/A) Metalized S/S smooth 1.5X60X2400 (Tony)	17 abc	16 e-o	0 e
40 MB 67:33 (250 lb/A) W/W LDPE 1X60X4000	17 abc	16 i-o	4 de
41 DMDS 80:20 (750 lbs) Metalized B/S embossed 1.25X60X4000 Black on top	16 abc	17 d-o	10 b-e
42 DMDS 80:20 (750 lbs) Metalized S/B embossed 1.25X60X4000	15 abc	15 mno	24 b-e
43 DMDS 80:20 (750 lbs) Metalized S/B smooth 1.25X60X4000	14 bc	16 i-o	6 cde

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Weed Code	plant 20	Avg.40pl	CYPZZ
Crop Code	CSPAN	CSPAN	
Rating Data Type	ht	ht	#
Rating Unit	cm	cm	per plot
Rating Date	Apr-20-06	Apr-20-06	Apr-20-06
Trt-Eval Interval	-450 DA-	-450 DA-	-450 DA-
ARM Action Codes		T5	
# Subsamples, Dec.			
Trt Treatment	Rate		
No. Name	Rate Unit		
	80	81	82
44 DMDS 80:20 (750 lbs) W/B LDPE 1.25X60X4000	14 c	14 o	9 b-e
45 DMDS 80:20 (750 lbs) VIF B/B Perry 1.25X60X2400	14 bc	16 f-o	1 de
46 DMDS 80:20 (750 lbs) Bromostop B/B VIF 1.25X60X2400	16 abc	17 c-n	1 de
47 DMDS 80:20 (750 lbs) Metalized S/S smooth 1.5X60X2400 (Tony)	14 bc	16 j-o	1 de
48 DMDS 80:20 (750 lbs) W/W LDPE 1X60X4000	14 bc	15 k-o	11 b-e
LSD (P=.05)	4.5	1.7	21.4
Standard Deviation	2.8	1.1	13.2
CV	16.67	6.44	101.17
Bartlett's X2	39.298	41.541	90.542
P(Bartlett's X2)	0.78	0.697	0.001*

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

Column 81: T5 = @AVG([C61].[C80])

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Nutsedge & pepper response to various fumigants injected under various mulches.
Crop 2
 Trial ID: Veg28-06 Study Dir.: Stanley Culpepper
 Location: Ponder (Field 5140) Investigator: Stanley Culpepper

GENERAL TRIAL INFORMATION

Study Director: Stanley Culpepper Title: Ext. Weed Science
 Affiliation: Univ. of Georgia
 Postal Code: 31794

 Investigator: Stanley Culpepper Title: Ext. Weed Science
 Affiliation: Univ. of Georgia
 Postal Code: 31794

TRIAL LOCATION

City: TyTy Trial Status: completed
 State/Prov.: GA Trial Reliability: good
 Postal Code: 31794 Initiation Date: Jul-14-05
 Country: USA Planned Completion Date: _____
 E-Longitude of LL Corner °: _____ N-Latitude of LL Corner °: _____
 Altitude of LL Corner: _____ Unit: _____ Angle y-axis to North °: _____
 Directions: _____

COOPERATOR/LANDOWNER

Cooperator: _____ Country: _____
 Org: _____ Phone No: _____
 Address 1: _____ Fax No: _____
 Address 2: _____
 City: _____
 State/Prov: _____
 Postal Code: _____

Conducted Under GLP (Y/N): N Conducted Under GEP (Y/N): N
 Guidelines: _____ Guideline Description: _____

Objective: _____

Conclusions: _____

CROP AND WEED DESCRIPTION

Weed	Code	Common Name	Scientific Name
1.	CYPRO	purple nutsedge	

Crop 1: CUUPE yellow squash Variety: Prelude II
 Planting Date: _____ Planting Method: transplant
 Rate: _____ Depth: _____ Perennial Age: _____
 Row Spacing: 6 feet Spacing Within Row: 12 inch Seed Bed: plasticulture
 Soil Temperature: _____ Soil Moisture: drip Emergence Date: _____

Crop 2: CPSAN bell pepper Variety: Heritage
 Planting Date: Mar-13-07 Planting Method: transplant
 Rate: 1 ft Depth: 1 in Perennial Age: _____
 Row Spacing: 6 ft Spacing Within Row: 12 in Seed Bed: beded
 Soil Temperature: _____ Soil Moisture: drip Emergence Date: _____

SITE AND DESIGN

Plot Width, Unit: 6 FT Plot Length, Unit: 25 FT Reps: 3
 Site Type: research station
 Tillage Type: plasticulture Study Design: SPLIT-PLOT

Trial Initiation Comments: _____

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	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: 1.0	Texture: sand
% Silt: 2	pH: 6.2	Soil Name: Tifton sandy loam
% Clay: 4	CEC: _____	Fert. Level: _____

ADDITIONAL MEASURED ELEMENTS

Element	Quantity	Unit

MOISTURE CONDITIONS

	Date	Time	Amount	Unit	Type	Interval	Unit
1.							

Overall Moisture Conditions: drip irrigation

Closest Weather Station: _____ Distance: _____ Unit: ____

APPLICATION DESCRIPTION

	A
Application Date:	Jul-14-07
Time of Day:	all day
Application Method:	band
Application Timing:	preplant
Applic. Placement:	in bed
Air Temp., Unit:	96 F
% Relative Humidity:	48
Wind Velocity, Unit:	2 mph
Dew Presence (Y/N):	n
Water Hardness:	
Soil Temp., Unit:	92 F
Soil Moisture:	moist
% Cloud Cover:	25

CROP STAGE AT EACH APPLICATION

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

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WEED STAGE AT EACH APPLICATION

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

APPLICATION EQUIPMENT

	A
Appl. Equipment:	varies
Operating Pressure:	see
Nozzle Type:	comment
Nozzle Size:	section
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