

University of Georgia

Comparison of MeBr alternatives.

Trial ID: Veg46-03
Location: Ponder farm

Study Dir.: Culpepper/Langston
Investigator: Stanley Culpepper

GENERAL TRIAL INFORMATION

Study Director: Culpepper/Langston **Title:** Extension
Affiliation: University of Georgia
Postal Code: 31794
Investigator: Stanley Culpepper **Title:** Ext. Weed Science
Affiliation: University of Georgia
Postal Code: 31794

TRIAL LOCATION

City: TyTy **Trial Status:** completed
State/Prov.: Ga **Trial Reliability:** good
Postal Code: 31794 **Initiation Date:** Jul-14-03
Country: U.S.A.

Conducted Under GLP (Y/N): N **Conducted Under GEP (Y/N):** N

CROP AND WEED DESCRIPTION

Weed	Code	Common Name	Scientific Name
1.	CYPES	yellow nutsedge	
2.	CYPRO	purple nutsedge	

Crop 1: LYPES TOMATO **Variety:** Amelia
Planting Date: Aug-15-03 **Planting Method:** transplant
Rate: 1 18" **Depth:** 2 in
Row Spacing: 6 feet **Seed Bed:** bedded
Soil Temperature: 95 F **Soil Moisture:** drip

SITE AND DESIGN

Plot Width, Unit: 6 FT **Plot Length, Unit:** 20 FT **Reps:** 3
Site Type: research station
Tillage Type: plasticulture **Study Design:** SPLIT-PLOT

SOIL DESCRIPTION

% Sand: 94 **% OM:** 1.3 **Texture:** sand
% Silt: 2 **pH:** 5.4 **Soil Name:** Tifton sandy loam
% Clay: 4

Overall Moisture Conditions: drip

APPLICATION DESCRIPTION

	A
Application Date:	Jul-15-03
Time of Day:	4:00pm
Application Method:	Broadcast
Application Timing:	fumig/her
Applic. Placement:	un. plast
Air Temp., Unit:	86 F
% Relative Humidity:	50
Wind Velocity, Unit:	2 mph
Dew Presence (Y/N):	n
Soil Temp., Unit:	86 F
Soil Moisture:	moist
% Cloud Cover:	50

CROP STAGE AT EACH APPLICATION

	A
Crop 1 Code, Stage:	LYPES Preplant
Stage Scale:	.
Height, Unit:	0. .

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WEED STAGE AT EACH APPLICATION

A	
Weed 1 Code, Stage:	CYPES Preplant
Stage Scale:	.
Density, Unit:	. .
Weed 2 Code, Stage:	CYPRO Preplant
Stage Scale:	.
Density, Unit:	. .

APPLICATION EQUIPMENT

A	
Appl. Equipment:	superbedd
Operating Pressure:	26
Nozzle Type:	flat fan
Nozzle Size:	11002
Nozzle Spacing, Unit:	18 inch
Nozzles/Row:	5
Boom Length, Unit:	6 feet
Boom Height, Unit:	12 inch
Ground Speed, Unit:	2.5 mph
Carrier:	water
Spray Volume, Unit:	14.8 GPA
Propellant:	CO2
Tank Mix (Y/N):	Y

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Weed Code	plant1 tomato	plant2 tomato	plant3 tomato	plant4 tomato	average tomato	plant 1 pepper	plant 2 pepper			
Crop Code										
Rating Data Type	injury	injury	injury	injury	injury	injury	injury			
Rating Unit	#(1-10)	#(1-10)	#(1-10)	#(1-10)	#(1-10)	#(1-10)	#(1-10)			
Rating Date	Jul-25-03	Jul-25-03	Jul-25-03	Jul-25-03	Jul-25-03	Jul-25-03	Jul-25-03			
Trt-Eval Interval	10 DA-A	10 DA-A	10 DA-A	10 DA-A	10 DA-A	10 DA-A	10 DA-A			
ARM Action Codes					T1					
Trt No.	Treatment Name	Rate	Unit	1	2	3	4	5	7	8
18	Midas 175 lb BC Command Devrinol Dual Magnum	1 3 1.1	qt/a lb/a pt/a							
19	C35 (35gta) + pic(150pta) LDPE None			10.0	8.7	10.0	8.7	9.3	10.0	10.0
20	C35 (35gta) + pic(150pta) LDPE Command Devrinol Dual Magnum	1 3 1.1	qt/a lb/a pt/a							
21	C35 (35gta) + pic(150pta) VIF None			10.0	10.0	10.0	10.0	10.0	10.0	10.0
22	C35 (35gta) + pic(150pta) VIF Command Devrinol Dual Magnum	1 3 1.1	qt/a lb/a pt/a							
23	T2 (12 gta) + pic (150 lb) LDPE None			10.0	10.0	10.0	10.0	10.0	10.0	10.0
24	T2 (12 gta) + pic (150 lb) LDPE Command Devrinol Dual Magnum	1 3 1.1	qt/a lb/a pt/a							
25	T2 (12 gta) + pic (150 lb) VIF None			10.0	10.0	10.0	10.0	10.0	10.0	10.0
26	T2 (12 gta) + pic (150 lb) VIF Command Devrinol Dual Magnum	1 3 1.1	qt/a lb/a pt/a							
LSD (P=.05)		0.00	1.08	0.00	1.08	0.54	0.00	0.00		
Standard Deviation		0.00	0.64	0.00	0.64	0.32	0.00	0.00		
CV		0.0	6.47	0.0	6.47	3.22	0.0	0.0		
Bartlett's X2		0.0	0.0	0.0	0.0	0.0	0.0	0.0		
P(Bartlett's X2)			

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

Column 5: T1 = ([C1]+[C2]+[C3]+[C4])/4

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Weed Code	plant 3 pepper injury	plant 4 pepper injury	average pepper injury	plant 1 eggplant injury	plant 2 eggplant injury	plant 3 eggplant injury	plant 4 eggplant injury			
Crop Code										
Rating Data Type										
Rating Unit	#(1-10)	#(1-10)	#(1-10)	#(1-10)	#(1-10)	#(1-10)	#(1-10)			
Rating Date	Jul-25-03	Jul-25-03	Jul-25-03	Jul-25-03	Jul-25-03	Jul-25-03	Jul-25-03			
Trt-Eval Interval	10 DA-A	10 DA-A	10 DA-A	10 DA-A	10 DA-A	10 DA-A	10 DA-A			
ARM Action Codes			T2							
Trt No.	Treatment Name	Rate	Unit	9	10	11	13	14	15	16
19	C35 (35gta) + pic(150pta) LDPE None	10.0		7.0	9.3	8.0	10.0	8.0	9.7	
20	C35 (35gta) + pic(150pta) LDPE Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a								
21	C35 (35gta) + pic(150pta) VIF None	10.0		10.0	10.0	10.0	10.0	7.0	9.7	
22	C35 (35gta) + pic(150pta) VIF Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a								
23	T2 (12 gta) + pic (150 lb) LDPE None	10.0		10.0	10.0	10.0	10.0	10.0	10.0	10.0
24	T2 (12 gta) + pic (150 lb) LDPE Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a								
25	T2 (12 gta) + pic (150 lb) VIF None	9.3		9.3	9.7	8.3	10.0	6.7	8.0	
26	T2 (12 gta) + pic (150 lb) VIF Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a								
LSD (P=.05)		0.54		2.44	0.64	1.34	0.00	2.57	1.03	
Standard Deviation		0.32		1.45	0.38	0.79	0.00	1.53	0.61	
CV		3.22		14.92	3.85	8.16	0.0	16.32	6.24	
Bartlett's X2		0.0		3.404	1.181	0.003	0.0	4.253	4.201	
P(Bartlett's X2)		.		0.065	0.277	0.955	.	0.119	0.122	

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

Column 10: T2 = ((C7)+(C8)+(C9)+(C10))/4

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Weed Code	average eggplant injury #(1-10)	plant 1 squash injury #(1-10)	plant 2 squash injury #(1-10)	plant 3 squash injury #(1-10)	plant 4 squash injury #(1-10)	average squash injury #(1-10)	plant1 tomato injury #(1-10)
Crop Code	Jul-25-03	Jul-25-03	Jul-25-03	Jul-25-03	Jul-25-03	Jul-25-03	Jul-29-03
Rating Data Type	10 DA-A	10 DA-A	10 DA-A	10 DA-A	10 DA-A	10 DA-A	14 DA-A
Rating Unit	T3					T4	
Rating Date							
Trt-Eval Interval							
ARM Action Codes							
Trt No.	Treatment Name	Rate	Unit				
17				19	20	21	25
1	NTC LDPE None	10.0		10.0	10.0	10.0	10.0
2	NTC LDPE Command Devrinol Dual Magnum		1 qt/a 3 lb/a 1.1 pt/a				
3	NTC VIF None	10.0		10.0	10.0	10.0	10.0
4	NTC VIF Command Devrinol Dual Magnum		1 qt/a 3 lb/a 1.1 pt/a				
5	Inline 35 gta LDPE None	10.0		10.0	10.0	10.0	7.0
6	Inline 35 gta LDPE Command Devrinol Dual Magnum		1 qt/a 3 lb/a 1.1 pt/a				
7	Inline 35 gta VIF None	10.0		10.0	9.3	9.3	9.7
8	Inline 35 gta VIF Command Devrinol Dual Magnum		1 qt/a 3 lb/a 1.1 pt/a				
9	Kapam (45gbc) + T2(12gta) None	10.0		10.0	10.0	10.0	10.0
10	Kapam (45gbc) + T2(12gta) Command Devrinol Dual Magnum		1 qt/a 3 lb/a 1.1 pt/a				
11	MeBr 285 lb BC None	10.0		10.0	10.0	10.0	10.0
12	MeBr 285 lb BC Command Devrinol Dual Magnum		1 qt/a 3 lb/a 1.1 pt/a				
13	Midas 125 lb BC None	10.0		10.0	10.0	10.0	9.7
14	Midas 125 lb BC Command Devrinol Dual Magnum		1 qt/a 3 lb/a 1.1 pt/a				
15	MeBr 400 lb BC None	10.0		8.0	8.0	8.0	8.0
16	MeBr 400 lb BC Command Devrinol Dual Magnum		1 qt/a 3 lb/a 1.1 pt/a				
17	Midas 175 lb BC None	10.0		10.0	10.0	10.0	9.0
18	Midas 175 lb BC Command Devrinol Dual Magnum		1 qt/a 3 lb/a 1.1 pt/a				

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Weed Code	average eggplant injury #(1-10) Jul-25-03 10 DA-A T3	plant 1 squash injury #(1-10) Jul-25-03 10 DA-A	plant 2 squash injury #(1-10) Jul-25-03 10 DA-A	plant 3 squash injury #(1-10) Jul-25-03 10 DA-A	plant 4 squash injury #(1-10) Jul-25-03 10 DA-A	average squash injury #(1-10) Jul-25-03 10 DA-A T4	plant1 tomato injury #(1-10) Jul-29-03 14 DA-A
Trt Treatment No. Name Rate Unit	17	19	20	21	22	23	25
19 C35 (35gta) + pic(150pta) LDPE None	8.9	7.7	7.0	7.0	7.7	7.3	7.0
20 C35 (35gta) + pic(150pta) LDPE Command 1 qt/a Devrinol 3 lb/a Dual Magnum 1.1 pt/a							
21 C35 (35gta) + pic(150pta) VIF None	9.2	5.3	4.3	1.3	1.3	3.1	5.0
22 C35 (35gta) + pic(150pta) VIF Command 1 qt/a Devrinol 3 lb/a Dual Magnum 1.1 pt/a							
23 T2 (12 gta) + pic (150 lb LDPE None	10.0	8.7	10.0	7.7	8.7	8.8	8.7
24 T2 (12 gta) + pic (150 lb LDPE Command 1 qt/a Devrinol 3 lb/a Dual Magnum 1.1 pt/a							
25 T2 (12 gta) + pic (150 lb VIF None	8.3	4.0	4.3	4.3	5.3	4.5	4.0
26 T2 (12 gta) + pic (150 lb VIF Command 1 qt/a Devrinol 3 lb/a Dual Magnum 1.1 pt/a							
LSD (P=.05)	0.89	4.29	4.46	4.29	3.37	3.36	3.54
Standard Deviation	0.53	2.55	2.64	2.55	2.00	1.99	2.10
CV	5.42	29.13	30.24	30.74	23.53	23.25	25.28
Bartlett's X2	0.563	1.234	0.36	9.034	7.681	6.32	12.52
P(Bartlett's X2)	0.755	0.873	0.948	0.108	0.175	0.276	0.129

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

Column 15: T3 = $([C13]+[C14]+[C15]+[C16])/4$

Column 20: T4 = $([C19]+[C20]+[C21]+[C22])/4$

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Weed Code	plant2 tomato	plant3 tomato	plant4 tomato	average tomato	plant 1 pepper	plant 2 pepper	plant 3 pepper			
Crop Code	injury	injury	injury	injury	injury	injury	injury			
Rating Data Type	#(1-10)	#(1-10)	#(1-10)	#(1-10)	#(1-10)	#(1-10)	#(1-10)			
Rating Unit	Jul-29-03	Jul-29-03	Jul-29-03	Jul-29-03	Jul-29-03	Jul-29-03	Jul-29-03			
Rating Date	14 DA-A	14 DA-A	14 DA-A	14 DA-A	14 DA-A	14 DA-A	14 DA-A			
Trt-Eval Interval										
ARM Action Codes				T5						
Trt No.	Treatment Name	Rate	Unit	26	27	28	29	31	32	33
19	C35 (35gta) + pic(150pta) LDPE None	7.0		4.0	6.7	6.2	7.0	2.7	9.0	
20	C35 (35gta) + pic(150pta) LDPE Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a								
21	C35 (35gta) + pic(150pta) VIF None	5.0		4.7	5.3	5.0	3.7	3.7	4.0	
22	C35 (35gta) + pic(150pta) VIF Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a								
23	T2 (12 gta) + pic (150 lb) LDPE None	8.7		8.7	9.0	8.8	8.0	9.7	10.0	
24	T2 (12 gta) + pic (150 lb) LDPE Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a								
25	T2 (12 gta) + pic (150 lb) VIF None	4.3		3.7	3.7	3.9	5.0	5.3	5.0	
26	T2 (12 gta) + pic (150 lb) VIF Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a								
LSD (P=.05)		3.38		2.85	2.72	2.75	5.44	4.07	4.19	
Standard Deviation		2.00		1.69	1.61	1.63	3.23	2.41	2.48	
CV		23.47		20.65	19.11	19.48	47.83	30.26	30.18	
Bartlett's X2		11.994		7.7	6.762	11.515	5.076	8.808	4.201	
P(Bartlett's X2)		0.101		0.463	0.454	0.174	0.749	0.267	0.521	

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

Column 25: T5 = ((C25)+(C26)+(C27)+(C28))/4

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Weed Code	plant 4 pepper injury #(1-10)	average pepper injury #(1-10)	plant 1 eggplant injury #(1-10)	plant 2 eggplant injury #(1-10)	plant 3 eggplant injury #(1-10)	plant 4 eggplant injury #(1-10)	average eggplant injury #(1-10)
Crop Code	Jul-29-03	Jul-29-03	Jul-29-03	Jul-29-03	Jul-29-03	Jul-29-03	Jul-29-03
Rating Data Type	14 DA-A	14 DA-A	14 DA-A	14 DA-A	14 DA-A	14 DA-A	14 DA-A
Rating Unit		T6					T7
Rating Date							
Trt-Eval Interval							
ARM Action Codes							
Trt No.	Treatment Name	Rate	Unit				
34	35	37	38	39	40	41	
1	NTC LDPE None	10.0		10.0	10.0	10.0	10.0
2	NTC LDPE Command Devrinol Dual Magnum		1 qt/a 3 lb/a 1.1 pt/a				
3	NTC VIF None	10.0		10.0	10.0	10.0	10.0
4	NTC VIF Command Devrinol Dual Magnum		1 qt/a 3 lb/a 1.1 pt/a				
5	Inline 35 gta LDPE None	7.3		6.1	7.3	7.3	7.3
6	Inline 35 gta LDPE Command Devrinol Dual Magnum		1 qt/a 3 lb/a 1.1 pt/a				
7	Inline 35 gta VIF None	8.7		9.7	10.0	10.0	10.0
8	Inline 35 gta VIF Command Devrinol Dual Magnum		1 qt/a 3 lb/a 1.1 pt/a				
9	Kapam (45gbc) + T2(12gta) None	8.0		6.3	8.7	10.0	10.0
10	Kapam (45gbc) + T2(12gta) Command Devrinol Dual Magnum		1 qt/a 3 lb/a 1.1 pt/a				
11	MeBr 285 lb BC None	8.0		8.8	10.0	10.0	10.0
12	MeBr 285 lb BC Command Devrinol Dual Magnum		1 qt/a 3 lb/a 1.1 pt/a				
13	Midas 125 lb BC None	10.0		8.7	10.0	10.0	10.0
14	Midas 125 lb BC Command Devrinol Dual Magnum		1 qt/a 3 lb/a 1.1 pt/a				
15	MeBr 400 lb BC None	10.0		8.1	9.7	9.7	9.7
16	MeBr 400 lb BC Command Devrinol Dual Magnum		1 qt/a 3 lb/a 1.1 pt/a				
17	Midas 175 lb BC None	10.0		9.2	10.0	10.0	10.0
18	Midas 175 lb BC Command Devrinol Dual Magnum		1 qt/a 3 lb/a 1.1 pt/a				

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Weed Code	plant 4 pepper injury #(1-10)	average pepper injury #(1-10)	plant 1 eggplant injury #(1-10)	plant 2 eggplant injury #(1-10)	plant 3 eggplant injury #(1-10)	plant 4 eggplant injury #(1-10)	average eggplant injury #(1-10)			
Crop Code	Jul-29-03	Jul-29-03	Jul-29-03	Jul-29-03	Jul-29-03	Jul-29-03	Jul-29-03			
Rating Data Type	14 DA-A	14 DA-A	14 DA-A	14 DA-A	14 DA-A	14 DA-A	14 DA-A			
Rating Unit		T6					T7			
Rating Date										
Trt-Eval Interval										
ARM Action Codes										
Trt No.	Treatment Name	Rate	Unit	34	35	37	38	39	40	41
19	C35 (35gta) + pic(150pta) LDPE None	10.0		7.2	6.7	6.3	9.0	9.0	7.8	
20	C35 (35gta) + pic(150pta) LDPE Command Devrinol Dual Magnum		1 qt/a 3 lb/a 1.1 pt/a							
21	C35 (35gta) + pic(150pta) VIF None	5.7		4.3	5.3	3.7	5.3	5.3	4.9	
22	C35 (35gta) + pic(150pta) VIF Command Devrinol Dual Magnum		1 qt/a 3 lb/a 1.1 pt/a							
23	T2 (12 gta) + pic (150 lb) LDPE None	10.0		9.4	10.0	8.3	10.0	10.0	9.6	
24	T2 (12 gta) + pic (150 lb) LDPE Command Devrinol Dual Magnum		1 qt/a 3 lb/a 1.1 pt/a							
25	T2 (12 gta) + pic (150 lb) VIF None	3.3		4.7	5.0	5.3	5.0	5.0	5.1	
26	T2 (12 gta) + pic (150 lb) VIF Command Devrinol Dual Magnum		1 qt/a 3 lb/a 1.1 pt/a							
LSD (P=.05)		4.05		2.83	3.78	3.65	3.40	3.40	3.30	
Standard Deviation		2.40		1.68	2.25	2.17	2.02	2.02	1.96	
CV		28.15		21.32	25.91	25.47	22.52	22.52	22.33	
Bartlett's X2		0.708		17.084	6.414	7.982	7.106	7.106	14.909	
P(Bartlett's X2)		0.983		0.073	0.268	0.157	0.13	0.13	0.021*	

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

Column 30: T6 = $([C31]+[C32]+[C33]+[C34])/4$

Column 35: T7 = $([C37]+[C38]+[C39]+[C40])/4$

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Weed Code	plant 1 squash injury #(1-10) Jul-29-03 14 DA-A	plant 2 squash injury #(1-10) Jul-29-03 14 DA-A	plant 3 squash injury #(1-10) Jul-29-03 14 DA-A	plant 4 squash injury #(1-10) Jul-29-03 14 DA-A	average squash injury #(1-10) Jul-29-03 14 DA-A T8	pepper injury percent Aug-25-03 53 DA-A	pepper injury percent Sep-06-03 53 DA-A			
Crop Code										
Rating Data Type										
Rating Unit										
Rating Date										
Trt-Eval Interval										
ARM Action Codes										
Trt No.	Treatment Name	Rate	Unit							
1	NTC LDPE None	10.0		43	44	45	46	47	48	49
2	NTC LDPE Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		10.0	10.0	10.0	10.0	10.0	0.0	0.0
3	NTC VIF None	10.0		10.0	10.0	10.0	10.0	10.0	0.0	0.0
4	NTC VIF Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		10.0	10.0	10.0	10.0	10.0	5.3	1.7
5	Inline 35 gta LDPE None	7.0		7.0	7.0	9.0	9.7	8.2	0.0	0.0
6	Inline 35 gta LDPE Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		7.0	7.0	9.0	9.7	8.2	3.3	3.3
7	Inline 35 gta VIF None	9.7		9.7	9.0	9.0	9.7	9.3	0.0	0.0
8	Inline 35 gta VIF Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		9.7	9.0	9.0	9.7	9.3	17.7	20.0
9	Kapam (45gbc) + T2(12gta) None	8.3		8.3	10.0	7.0	10.0	8.8	0.0	0.0
10	Kapam (45gbc) + T2(12gta) Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		8.3	10.0	7.0	10.0	8.8	9.0	20.0
11	MeBr 285 lb BC None	10.0		10.0	10.0	10.0	10.0	10.0	0.0	0.0
12	MeBr 285 lb BC Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		10.0	10.0	10.0	10.0	10.0	3.3	15.0
13	Midas 125 lb BC None	9.7		9.7	9.7	9.0	9.7	9.5	0.0	1.7
14	Midas 125 lb BC Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		9.7	9.7	9.0	9.7	9.5	5.0	11.3
15	MeBr 400 lb BC None	7.0		7.0	7.0	5.0	7.0	6.5	0.0	0.0
16	MeBr 400 lb BC Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		7.0	7.0	5.0	7.0	6.5	5.0	11.7
17	Midas 175 lb BC None	8.7		8.7	8.7	8.7	9.3	8.8	0.0	1.7
18	Midas 175 lb BC Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		8.7	8.7	8.7	9.3	8.8	8.7	15.7

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Weed Code	plant 1 squash injury #(1-10) Jul-29-03 14 DA-A	plant 2 squash injury #(1-10) Jul-29-03 14 DA-A	plant 3 squash injury #(1-10) Jul-29-03 14 DA-A	plant 4 squash injury #(1-10) Jul-29-03 14 DA-A	average squash injury #(1-10) Jul-29-03 14 DA-A T8	pepper injury percent Aug-25-03 53 DA-A	pepper injury percent Sep-06-03 53 DA-A
Trt Treatment No. Name Rate Unit	43	44	45	46	47	48	49
19 C35 (35gta) + pic(150pta) LDPE None	7.0	4.7	5.7	6.3	5.9	1.7	1.7
20 C35 (35gta) + pic(150pta) LDPE Command 1 qt/a Devrinol 3 lb/a Dual Magnum 1.1 pt/a						5.3	12.0
21 C35 (35gta) + pic(150pta) VIF None	1.0	1.0	1.0	1.0	1.0	5.7	1.7
22 C35 (35gta) + pic(150pta) VIF Command 1 qt/a Devrinol 3 lb/a Dual Magnum 1.1 pt/a						25.7	20.0
23 T2 (12 gta) + pic (150 lb LDPE None	8.0	7.0	7.0	7.0	7.3	1.7	1.7
24 T2 (12 gta) + pic (150 lb LDPE Command 1 qt/a Devrinol 3 lb/a Dual Magnum 1.1 pt/a						3.0	10.7
25 T2 (12 gta) + pic (150 lb VIF None	4.0	4.0	3.0	3.0	3.5	0.0	0.0
26 T2 (12 gta) + pic (150 lb VIF Command 1 qt/a Devrinol 3 lb/a Dual Magnum 1.1 pt/a						9.3	14.7
LSD (P=.05)	5.38	5.13	4.87	4.42	4.50	9.81	7.55
Standard Deviation	3.19	3.04	2.89	2.62	2.67	5.94	4.58
CV	41.34	40.36	39.85	33.23	35.1	140.94	72.44
Bartlett's X2	13.364	11.227	9.758	19.51	13.254	9.841	22.028
P(Bartlett's X2)	0.10	0.129	0.282	0.007*	0.103	0.774	0.107

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

Column 40: T8 = $([C43]+[C44]+[C45]+[C46])/4$

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Weed Code		pepper injury percent	CYPZZ plants number	CYPZZ plants number	CYPZZ plants number	CYPZZ plants number	CYPZZ plants number	CYPZZ plants number	CYPZZ plants number	CYPES control percent
Crop Code		Oct-06-03 53 DA-A	Aug-07-03 23 DA-A	Aug-20-03 36 DA-A	Sep-04-03 51 DA-A	Sep-18-03 65 DA-A	Oct-03-03 80 DA-A	Aug-25-03 53 DA-A		
Rating Data Type										
Rating Unit										
Rating Date										
Trt-Eval Interval										
ARM Action Codes										
Trt No.	Treatment Name	Rate								
		Unit								
1	NTC LDPE None		0.0	51 68.7	52 133.3	53 161.3	54 176.7	55 160.0	56 0.0	
2	NTC LDPE Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a	0.0	51 63.3	52 100.0	53 151.7	54 145.0	55 143.3	56 50.0	
3	NTC VIF None		0.0	51 86.7	52 116.7	53 95.0	54 106.7	55 88.3	56 36.7	
4	NTC VIF Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a	3.3	51 77.3	52 76.7	53 80.0	54 86.7	55 91.0	56 65.0	
5	Inline 35 gta LDPE None		0.0	51 61.7	52 133.3	53 158.3	54 191.7	55 173.3	56 26.7	
6	Inline 35 gta LDPE Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a	0.0	51 63.3	52 100.0	53 120.0	54 160.7	55 151.7	56 50.0	
7	Inline 35 gta VIF None		0.0	51 50.0	52 111.7	53 128.3	54 150.0	55 138.3	56 35.0	
8	Inline 35 gta VIF Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a	8.3	51 20.0	52 33.3	53 49.7	54 91.7	55 68.3	56 81.0	
9	Kapam (45gbc) + T2(12gta) None		0.0	51 6.7	52 18.7	53 60.7	54 75.0	55 70.0	56 80.0	
10	Kapam (45gbc) + T2(12gta) Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a	0.0	51 1.3	52 11.0	53 23.3	54 49.0	55 42.7	56 95.0	
11	MeBr 285 lb BC None		0.0	51 5.0	52 16.7	53 50.3	54 83.3	55 63.3	56 91.0	
12	MeBr 285 lb BC Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a	0.0	51 4.7	52 9.7	53 45.7	54 70.0	55 56.7	56 94.7	
13	Midas 125 lb BC None		0.0	51 46.3	52 95.0	53 152.3	54 163.3	55 161.7	56 68.3	
14	Midas 125 lb BC Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a	0.0	51 36.0	52 62.3	53 110.0	54 128.3	55 130.0	56 88.3	
15	MeBr 400 lb BC None		0.0	51 2.3	52 12.7	53 39.3	54 75.0	55 51.0	56 87.7	
16	MeBr 400 lb BC Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a	5.3	51 3.7	52 1.3	53 3.7	54 13.3	55 20.0	56 96.3	
17	Midas 175 lb BC None		0.0	51 9.0	52 30.3	53 65.0	54 128.3	55 70.0	56 83.3	
18	Midas 175 lb BC Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a	3.3	51 2.0	52 14.0	53 27.7	54 65.0	55 40.3	56 91.3	

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Weed Code		CYPZZ	CYPZZ	CYPZZ	CYPZZ	CYPZZ	CYPES			
Crop Code	pepper									
Rating Data Type	injury									
Rating Unit	percent	plants	plants	plants	plants	plants	control			
Rating Date	Oct-06-03	number	number	number	number	number	percent			
Trt-Eval Interval	53 DA-A	Aug-07-03	Aug-20-03	Sep-04-03	Sep-18-03	Oct-03-03	Aug-25-03			
ARM Action Codes	53 DA-A	23 DA-A	36 DA-A	51 DA-A	65 DA-A	80 DA-A	53 DA-A			
Trt No.	Treatment Name	Rate	Unit							
19	C35 (35gta) + pic(150pta) LDPE None	8.3		50	51	52	53	54	55	56
20	C35 (35gta) + pic(150pta) LDPE Command Devrinol Dual Magnum	6.7		8.3	3.0	10.0	41.0	68.3	48.3	93.3
21	C35 (35gta) + pic(150pta) VIF None	6.7		6.7	3.3	19.7	43.0	82.7	43.3	94.7
22	C35 (35gta) + pic(150pta) VIF Command Devrinol Dual Magnum	6.7		6.7	1.7	5.0	24.0	63.3	81.0	94.0
23	T2 (12 gta) + pic (150 lb) LDPE None	5.0		5.0	1.7	0.0	0.0	6.3	20.3	99.0
24	T2 (12 gta) + pic (150 lb) LDPE Command Devrinol Dual Magnum	5.0		5.0	1.7	0.0	0.0	6.3	20.3	99.0
25	T2 (12 gta) + pic (150 lb) VIF None	3.3		3.3	1.7	7.7	24.3	40.0	56.7	96.3
26	T2 (12 gta) + pic (150 lb) VIF Command Devrinol Dual Magnum	0.0		0.0	1.0	0.0	0.7	4.3	0.0	99.0
LSD (P=.05)		9.45		9.45	21.76	36.80	49.86	46.58	43.08	10.54
Standard Deviation		5.73		5.73	13.19	22.30	30.21	28.23	26.11	6.39
CV		269.2		269.2	53.44	47.46	40.55	28.38	31.31	8.58
Bartlett's X2		3.482		3.482	69.882	63.041	43.565	50.751	29.53	15.775
P(Bartlett's X2)		0.942		0.942	0.001*	0.001*	0.006*	0.002*	0.201	0.827

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

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Weed Code	CYPES	CYPES	CYPRO	CYPRO	CYPRO	plant1	plant2			
Crop Code	control	control	control	control	control	pepper	pepper			
Rating Data Type	percent	percent	percent	percent	percent	height	height			
Rating Unit	Sep-06-03	Oct-06-03	Aug-25-03	Sep-06-03	Oct-06-03	cm	cm			
Rating Date	53 DA-A	53 DA-A	53 DA-A	53 DA-A	53 DA-A	Aug-12-03	Aug-12-03			
Trt-Eval Interval	53 DA-A	53 DA-A	53 DA-A	53 DA-A	53 DA-A	28 DA-A	28 DA-A			
ARM Action Codes										
Trt No.	Treatment Name	Rate	Unit	57	58	59	60	61	64	65
1	NTC LDPE None			0.0	0.0	0.0	0.0	0.0	9.3	8.0
2	NTC LDPE Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		71.7	56.7	46.7	33.3	23.3	7.7	8.7
3	NTC VIF None			53.3	55.0	36.7	25.0	33.3	9.7	7.3
4	NTC VIF Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		78.3	81.0	71.3	50.3	48.3	10.3	9.0
5	Inline 35 gta LDPE None			30.0	20.0	23.3	11.7	6.7	8.7	7.7
6	Inline 35 gta LDPE Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		70.0	33.3	65.0	28.3	25.0	7.7	8.7
7	Inline 35 gta VIF None			58.3	35.0	37.7	23.3	21.7	8.3	7.7
8	Inline 35 gta VIF Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		91.7	78.0	77.3	70.0	63.3	8.7	7.7
9	Kapam (45gbc) + T2(12gta) None			70.0	65.0	71.7	39.0	36.7	8.7	10.0
10	Kapam (45gbc) + T2(12gta) Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		88.3	88.3	91.7	61.0	63.0	9.0	9.0
11	MeBr 285 lb BC None			87.7	88.3	85.0	72.7	30.0	8.7	8.3
12	MeBr 285 lb BC Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		91.7	96.0	89.7	84.3	62.7	8.3	8.7
13	Midas 125 lb BC None			56.7	31.7	50.0	36.7	20.0	7.7	7.0
14	Midas 125 lb BC Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		81.7	63.3	61.7	46.7	25.0	9.3	9.0
15	MeBr 400 lb BC None			88.3	76.7	83.3	75.7	73.3	8.3	8.0
16	MeBr 400 lb BC Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		96.3	95.0	92.3	88.3	87.7	8.0	9.0
17	Midas 175 lb BC None			80.0	76.7	71.7	51.7	37.3	9.0	9.0
18	Midas 175 lb BC Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		93.3	93.3	83.0	81.0	60.0	9.0	8.0

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Weed Code	CYPES	CYPES	CYPRO	CYPRO	CYPRO	plant1	plant2			
Crop Code						pepper	pepper			
Rating Data Type	control	control	control	control	control	height	height			
Rating Unit	percent	percent	percent	percent	percent	cm	cm			
Rating Date	Sep-06-03	Oct-06-03	Aug-25-03	Sep-06-03	Oct-06-03	Aug-12-03	Aug-12-03			
Trt-Eval Interval	53 DA-A	53 DA-A	53 DA-A	53 DA-A	53 DA-A	28 DA-A	28 DA-A			
ARM Action Codes										
Trt No.	Treatment Name	Rate	Unit	57	58	59	60	61	64	65
19	C35 (35gta) + pic(150pta) LDPE None	88.3		86.7	85.0	76.0	60.0	9.3	9.0	9.0
20	C35 (35gta) + pic(150pta) LDPE Command Devrinol Dual Magnum	94.7	1 qt/a 3 lb/a 1.1 pt/a	96.3	89.7	87.0	69.7	9.7	9.0	9.0
21	C35 (35gta) + pic(150pta) VIF None	75.0		88.0	85.0	65.0	63.3	7.3	7.3	7.3
22	C35 (35gta) + pic(150pta) VIF Command Devrinol Dual Magnum	99.0	1 qt/a 3 lb/a 1.1 pt/a	99.0	99.0	89.3	99.0	9.0	8.7	8.7
23	T2 (12 gta) + pic (150 lb) LDPE None	67.0		33.3	50.0	41.7	15.0	8.3	9.0	9.0
24	T2 (12 gta) + pic (150 lb) LDPE Command Devrinol Dual Magnum	81.7	1 qt/a 3 lb/a 1.1 pt/a	71.7	69.3	63.0	46.7	9.3	9.0	9.0
25	T2 (12 gta) + pic (150 lb) VIF None	89.3		88.0	87.3	85.0	46.7	7.7	9.0	9.0
26	T2 (12 gta) + pic (150 lb) VIF Command Devrinol Dual Magnum	99.0	1 qt/a 3 lb/a 1.1 pt/a	99.0	99.0	99.0	99.0	8.7	7.7	7.7
LSD (P=.05)		15.66		14.87	11.35	13.03	17.82	2.46	2.02	2.02
Standard Deviation		9.49		9.01	6.88	7.90	10.80	1.49	1.22	1.22
CV		12.45		13.05	9.92	13.83	23.07	17.15	14.5	14.5
Bartlett's X2		36.437		32.793	16.243	23.355	34.491	21.648	11.188	11.188
P(Bartlett's X2)		0.009*		0.065	0.804	0.382	0.023*	0.656	0.972	0.972

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

University of Georgia

Weed Code	plant3 pepper height cm	plant4 pepper height cm	plant5 pepper height cm	plant6 pepper height cm	plant7 pepper height cm	plant8 pepper height cm	plant9 pepper height cm			
Crop Code	Aug-12-03	Aug-12-03	Aug-12-03	Aug-12-03	Aug-12-03	Aug-12-03	Aug-12-03			
Rating Data Type	28 DA-A	28 DA-A	28 DA-A	28 DA-A	28 DA-A	28 DA-A	28 DA-A			
Rating Unit										
Rating Date										
Trt-Eval Interval										
ARM Action Codes										
Trt No.	Treatment Name	Rate	Unit	66	67	68	69	70	71	72
1	NTC LDPE None			9.7	9.3	9.0	8.7	8.3	9.3	8.7
2	NTC LDPE Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		8.3	8.3	10.0	8.7	9.3	9.0	10.0
3	NTC VIF None			8.0	9.0	8.0	8.3	8.7	8.0	7.7
4	NTC VIF Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		8.7	8.7	8.3	8.0	8.0	8.7	7.7
5	Inline 35 gta LDPE None			9.3	9.3	9.7	9.0	7.7	8.0	9.0
6	Inline 35 gta LDPE Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		9.0	8.0	9.0	7.7	7.7	8.0	7.0
7	Inline 35 gta VIF None			8.0	8.7	7.7	10.3	7.7	8.7	8.7
8	Inline 35 gta VIF Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		8.3	8.3	8.0	6.7	7.7	8.7	7.3
9	Kapam (45gbc) + T2(12gta) None			8.3	10.7	9.3	9.3	8.7	8.7	9.0
10	Kapam (45gbc) + T2(12gta) Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		9.0	10.0	9.7	10.0	8.7	9.0	8.7
11	MeBr 285 lb BC None			9.3	8.7	9.3	9.7	7.3	8.7	8.7
12	MeBr 285 lb BC Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		8.7	7.7	9.0	8.7	8.3	8.7	9.0
13	Midas 125 lb BC None			8.3	8.0	6.0	8.7	8.7	9.3	9.3
14	Midas 125 lb BC Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		8.7	6.7	8.3	7.7	9.7	9.3	9.7
15	MeBr 400 lb BC None			8.7	7.7	9.0	7.7	8.0	9.3	9.0
16	MeBr 400 lb BC Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		8.3	8.7	8.3	8.3	8.3	9.3	8.3
17	Midas 175 lb BC None			9.3	9.0	9.0	9.3	8.3	10.0	8.7
18	Midas 175 lb BC Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		9.0	6.7	8.7	8.3	7.0	7.7	8.3

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Weed Code	plant3 pepper height cm	plant4 pepper height cm	plant5 pepper height cm	plant6 pepper height cm	plant7 pepper height cm	plant8 pepper height cm	plant9 pepper height cm
Crop Code	Aug-12-03	Aug-12-03	Aug-12-03	Aug-12-03	Aug-12-03	Aug-12-03	Aug-12-03
Rating Data Type	28 DA-A	28 DA-A	28 DA-A	28 DA-A	28 DA-A	28 DA-A	28 DA-A
Rating Unit							
Rating Date							
Trt-Eval Interval							
ARM Action Codes							
Trt No.	66	67	68	69	70	71	72
Treatment Name							
Rate							
Unit							
19 C35 (35gta) + pic(150pta) LDPE None	8.3	10.0	8.7	9.7	9.7	9.7	9.0
20 C35 (35gta) + pic(150pta) LDPE Command Devrinol Dual Magnum	8.7	9.0	8.7	9.0	8.7	8.7	9.3
21 C35 (35gta) + pic(150pta) VIF None	7.7	8.0	7.3	7.7	8.0	8.7	7.7
22 C35 (35gta) + pic(150pta) VIF Command Devrinol Dual Magnum	8.3	7.7	8.3	7.3	8.7	7.7	8.0
23 T2 (12 gta) + pic (150 lb) LDPE None	8.3	8.3	9.3	8.3	8.3	8.3	8.3
24 T2 (12 gta) + pic (150 lb) LDPE Command Devrinol Dual Magnum	9.3	10.3	8.7	9.0	8.0	8.7	10.0
25 T2 (12 gta) + pic (150 lb) VIF None	8.3	9.0	8.7	9.3	8.3	8.3	9.3
26 T2 (12 gta) + pic (150 lb) VIF Command Devrinol Dual Magnum	8.0	8.7	8.7	8.7	8.3	8.3	9.0
LSD (P=.05)	2.25	2.32	2.00	2.08	2.21	2.27	2.02
Standard Deviation	1.36	1.41	1.21	1.26	1.34	1.38	1.22
CV	15.8	16.3	14.0	14.63	16.15	15.81	14.13
Bartlett's X2	15.946	13.602	13.676	22.655	28.298	15.49	17.609
P(Bartlett's X2)	0.89	0.955	0.936	0.598	0.294	0.906	0.822

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

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Weed Code	plant10 pepper height cm	plant11 pepper height cm	plant12 pepper height cm	plant13 pepper height cm	plant14 pepper height cm	plant15 pepper height cm	plant16 pepper height cm			
Crop Code	Aug-12-03	Aug-12-03	Aug-12-03	Aug-12-03	Aug-12-03	Aug-12-03	Aug-12-03			
Rating Data Type	28 DA-A	28 DA-A	28 DA-A	28 DA-A	28 DA-A	28 DA-A	28 DA-A			
Rating Unit										
Rating Date										
Trt-Eval Interval										
ARM Action Codes										
Trt No.	Treatment Name	Rate	Unit	73	74	75	76	77	78	79
1	NTC LDPE None			9.7	8.3	6.0	8.7	8.7	7.7	8.3
2	NTC LDPE Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		7.3	9.0	8.3	8.0	8.3	9.0	7.0
3	NTC VIF None			8.7	9.7	8.3	8.7	8.3	9.7	7.3
4	NTC VIF Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		8.3	9.7	9.0	8.0	9.7	8.0	8.3
5	Inline 35 gta LDPE None			9.7	9.0	9.7	8.7	8.3	7.3	8.7
6	Inline 35 gta LDPE Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		8.3	8.0	8.7	9.3	8.0	9.0	8.3
7	Inline 35 gta VIF None			10.3	8.0	9.7	9.3	9.3	10.0	9.3
8	Inline 35 gta VIF Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		8.3	8.7	9.0	8.7	8.0	8.3	7.0
9	Kapam (45gbc) + T2(12gta) None			9.0	9.3	9.3	7.7	9.7	10.0	9.3
10	Kapam (45gbc) + T2(12gta) Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		8.0	8.0	8.7	10.3	8.7	9.3	9.0
11	MeBr 285 lb BC None			9.0	9.3	9.0	8.3	8.7	8.0	9.7
12	MeBr 285 lb BC Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		8.0	8.0	7.0	9.0	9.7	8.3	8.0
13	Midas 125 lb BC None			9.7	8.7	8.7	8.3	8.7	9.0	10.0
14	Midas 125 lb BC Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		10.3	9.0	8.3	8.0	8.0	8.7	9.7
15	MeBr 400 lb BC None			10.0	9.0	8.7	8.7	9.7	7.7	10.0
16	MeBr 400 lb BC Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		9.7	8.3	8.7	9.0	7.7	9.7	9.7
17	Midas 175 lb BC None			9.7	9.7	9.3	9.0	9.0	9.0	9.3
18	Midas 175 lb BC Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		9.7	9.0	10.0	7.7	9.3	8.3	8.7

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Weed Code	plant10 pepper height cm	plant11 pepper height cm	plant12 pepper height cm	plant13 pepper height cm	plant14 pepper height cm	plant15 pepper height cm	plant16 pepper height cm			
Crop Code	Aug-12-03	Aug-12-03	Aug-12-03	Aug-12-03	Aug-12-03	Aug-12-03	Aug-12-03			
Rating Data Type	28 DA-A	28 DA-A	28 DA-A	28 DA-A	28 DA-A	28 DA-A	28 DA-A			
Rating Unit										
Rating Date										
Trt-Eval Interval										
ARM Action Codes										
Trt No.	Treatment Name	Rate	Unit	73	74	75	76	77	78	79
19	C35 (35gta) + pic(150pta) LDPE None			9.7	9.3	10.0	9.0	8.7	8.3	9.7
20	C35 (35gta) + pic(150pta) LDPE Command Devrinol Dual Magnum	1 3 1.1	qt/a lb/a pt/a	8.3	8.7	9.3	9.3	8.0	8.7	8.7
21	C35 (35gta) + pic(150pta) VIF None			8.3	9.0	8.7	6.7	9.0	6.3	8.0
22	C35 (35gta) + pic(150pta) VIF Command Devrinol Dual Magnum	1 3 1.1	qt/a lb/a pt/a	8.7	8.0	8.3	8.0	8.0	7.7	7.3
23	T2 (12 gta) + pic (150 lb) LDPE None			9.3	8.3	8.3	8.7	8.3	8.7	8.3
24	T2 (12 gta) + pic (150 lb) LDPE Command Devrinol Dual Magnum	1 3 1.1	qt/a lb/a pt/a	9.0	9.0	8.7	10.3	8.7	9.3	9.3
25	T2 (12 gta) + pic (150 lb) VIF None			8.7	8.3	6.7	10.0	8.0	8.0	7.7
26	T2 (12 gta) + pic (150 lb) VIF Command Devrinol Dual Magnum	1 3 1.1	qt/a lb/a pt/a	8.3	9.3	8.3	9.7	9.0	9.3	7.7
LSD (P=.05)				2.12	2.03	2.20	2.37	2.25	2.12	2.84
Standard Deviation				1.28	1.23	1.34	1.43	1.37	1.28	1.72
CV				14.26	13.98	15.46	16.44	15.76	14.96	19.96
Bartlett's X2				16.973	17.078	20.646	14.655	17.964	18.778	27.915
P(Bartlett's X2)				0.883	0.879	0.543	0.907	0.759	0.714	0.312

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

University of Georgia

Weed Code	plant17 pepper height cm	plant18 pepper height cm	plant19 pepper height cm	plant20 pepper height cm	average pepper height cm	plant1 pepper height cm	plant2 pepper height cm			
Crop Code	Aug-12-03	Aug-12-03	Aug-12-03	Aug-12-03	Aug-12-03	Aug-25-03	Aug-25-03			
Rating Data Type	28 DA-A	28 DA-A	28 DA-A	28 DA-A	28 DA-A	41 DA-A	41 DA-A			
Rating Unit										
Rating Date										
Trt-Eval Interval										
ARM Action Codes					T9					
Trt No.	Treatment Name	Rate	Unit	80	81	82	83	84	86	87
1	NTC LDPE None			9.0	10.0	9.3	8.3	8.7	15.0	14.7
2	NTC LDPE Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		9.0	10.0	8.7	8.0	8.6	12.3	13.3
3	NTC VIF None			8.3	9.0	8.3	8.0	8.5	17.7	12.7
4	NTC VIF Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		8.3	8.7	8.7	7.0	8.6	13.0	12.3
5	Inline 35 gta LDPE None			8.7	9.3	8.7	8.7	8.8	15.3	18.3
6	Inline 35 gta LDPE Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		8.7	8.0	8.0	9.0	8.3	11.3	11.0
7	Inline 35 gta VIF None			7.0	9.7	8.3	8.7	8.8	9.7	17.7
8	Inline 35 gta VIF Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		9.0	7.3	7.7	7.7	8.1	11.3	12.0
9	Kapam (45gbc) + T2(12gta) None			9.0	10.3	8.3	8.7	9.2	17.3	17.3
10	Kapam (45gbc) + T2(12gta) Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		8.0	7.3	9.7	8.0	8.9	12.3	11.3
11	MeBr 285 lb BC None			7.0	9.0	8.3	7.7	8.6	14.3	14.3
12	MeBr 285 lb BC Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		8.3	9.0	7.7	9.3	8.5	14.0	10.7
13	Midas 125 lb BC None			8.7	9.7	8.3	9.0	8.6	11.7	12.7
14	Midas 125 lb BC Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		8.7	8.0	9.0	9.0	8.8	12.3	15.7
15	MeBr 400 lb BC None			8.0	9.3	9.7	8.3	8.7	15.3	13.7
16	MeBr 400 lb BC Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		9.0	7.3	10.0	8.3	8.7	13.0	12.0
17	Midas 175 lb BC None			8.3	9.7	8.3	10.3	9.2	12.3	14.7
18	Midas 175 lb BC Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		8.7	7.7	9.7	9.3	8.5	10.3	11.7

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Weed Code	plant17 pepper height cm	plant18 pepper height cm	plant19 pepper height cm	plant20 pepper height cm	average pepper height cm	plant1 pepper height cm	plant2 pepper height cm
Crop Code	Aug-12-03	Aug-12-03	Aug-12-03	Aug-12-03	Aug-12-03	Aug-25-03	Aug-25-03
Rating Data Type	28 DA-A	28 DA-A	28 DA-A	28 DA-A	28 DA-A	41 DA-A	41 DA-A
Rating Unit							
Rating Date							
Trt-Eval Interval							
ARM Action Codes					T9		
Trt No.	80	81	82	83	84	86	87
Treatment Name							
Rate							
Unit							
19 C35 (35gta) + pic(150pta) LDPE None	8.3	8.3	8.7	10.0	9.2	14.7	14.0
20 C35 (35gta) + pic(150pta) LDPE Command Devrinol Dual Magnum	9.7	8.7	8.0	8.7	8.8	15.3	12.3
21 C35 (35gta) + pic(150pta) VIF None	8.3	8.0	7.0	8.3	7.9	15.0	15.0
22 C35 (35gta) + pic(150pta) VIF Command Devrinol Dual Magnum	8.3	9.3	10.0	7.7	8.3	11.3	10.7
23 T2 (12 gta) + pic (150 lb) LDPE None	8.0	9.3	8.7	9.0	8.6	14.7	14.7
24 T2 (12 gta) + pic (150 lb) LDPE Command Devrinol Dual Magnum	8.3	9.3	9.3	9.3	9.2	16.3	15.3
25 T2 (12 gta) + pic (150 lb) VIF None	8.7	8.3	9.7	9.7	8.6	12.0	14.0
26 T2 (12 gta) + pic (150 lb) VIF Command Devrinol Dual Magnum	7.7	9.3	7.0	8.3	8.5	12.3	10.3
LSD (P=.05)	2.42	2.38	2.51	2.34	0.74	4.09	5.43
Standard Deviation	1.47	1.44	1.52	1.42	0.45	2.48	3.29
CV	17.43	16.32	17.6	16.45	5.17	18.39	24.27
Bartlett's X2	18.515	25.299	21.168	12.439	21.092	21.887	17.246
P(Bartlett's X2)	0.777	0.335	0.629	0.948	0.687	0.642	0.873

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

Column 75: T9 = @AVG([C64].[C83])

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Weed Code	plant3 pepper height cm	plant4 pepper height cm	plant5 pepper height cm	plant6 pepper height cm	plant7 pepper height cm	plant8 pepper height cm	plant9 pepper height cm			
Crop Code	Aug-25-03	Aug-25-03	Aug-25-03	Aug-25-03	Aug-25-03	Aug-25-03	Aug-25-03			
Rating Data Type	41 DA-A	41 DA-A	41 DA-A	41 DA-A	41 DA-A	41 DA-A	41 DA-A			
Rating Unit										
Rating Date										
Trt-Eval Interval										
ARM Action Codes										
Trt No.	Treatment Name	Rate	Unit	88	89	90	91	92	93	94
1	NTC LDPE None			14.3	16.3	14.3	15.7	15.0	15.3	17.3
2	NTC LDPE Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		13.7	15.7	14.0	14.3	12.3	15.3	14.7
3	NTC VIF None			15.3	15.3	13.7	12.3	13.7	13.3	16.0
4	NTC VIF Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		13.3	14.3	12.0	12.7	13.0	11.7	12.7
5	Inline 35 gta LDPE None			16.0	17.7	15.3	17.7	14.0	15.3	15.0
6	Inline 35 gta LDPE Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		10.7	11.7	9.0	13.7	13.3	13.3	11.3
7	Inline 35 gta VIF None			13.3	15.3	17.0	14.0	13.0	17.3	15.3
8	Inline 35 gta VIF Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		9.3	12.0	8.3	10.7	11.3	10.3	10.3
9	Kapam (45gbc) + T2(12gta) None			16.3	14.7	13.3	15.7	14.3	16.3	16.3
10	Kapam (45gbc) + T2(12gta) Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		12.7	13.3	12.0	12.3	11.7	12.7	11.7
11	MeBr 285 lb BC None			16.7	17.3	15.3	13.7	14.7	15.7	13.0
12	MeBr 285 lb BC Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		14.3	15.0	14.7	13.3	14.7	12.3	13.7
13	Midas 125 lb BC None			14.3	16.3	11.7	15.3	15.3	15.0	16.0
14	Midas 125 lb BC Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		12.7	15.0	15.7	11.7	12.3	13.7	15.3
15	MeBr 400 lb BC None			16.7	14.3	13.7	14.0	13.7	13.3	14.7
16	MeBr 400 lb BC Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		11.3	12.0	9.7	15.7	11.3	12.7	13.0
17	Midas 175 lb BC None			15.0	12.3	14.0	15.3	15.7	15.7	14.7
18	Midas 175 lb BC Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		12.3	9.7	11.3	11.7	11.3	13.7	13.3

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Weed Code	plant3 pepper height cm	plant4 pepper height cm	plant5 pepper height cm	plant6 pepper height cm	plant7 pepper height cm	plant8 pepper height cm	plant9 pepper height cm			
Crop Code	Aug-25-03	Aug-25-03	Aug-25-03	Aug-25-03	Aug-25-03	Aug-25-03	Aug-25-03			
Rating Data Type	41 DA-A	41 DA-A	41 DA-A	41 DA-A	41 DA-A	41 DA-A	41 DA-A			
Rating Unit										
Rating Date										
Trt-Eval Interval										
ARM Action Codes										
Trt No.	Treatment Name	Rate	Unit	88	89	90	91	92	93	94
19	C35 (35gta) + pic(150pta) LDPE None	12.0		11.3	13.7	16.3	14.3	13.7	13.0	
20	C35 (35gta) + pic(150pta) LDPE Command Devrinol Dual Magnum	13.7	1 qt/a 3 lb/a 1.1 pt/a	13.7	12.3	13.7	14.3	14.7	16.7	
21	C35 (35gta) + pic(150pta) VIF None	13.0		13.3	12.7	13.7	13.3	13.3	13.0	
22	C35 (35gta) + pic(150pta) VIF Command Devrinol Dual Magnum	8.3	1 qt/a 3 lb/a 1.1 pt/a	11.0	9.7	10.7	8.3	9.3	10.0	
23	T2 (12 gta) + pic (150 lb) LDPE None	12.3		16.7	14.3	16.3	13.3	12.0	14.0	
24	T2 (12 gta) + pic (150 lb) LDPE Command Devrinol Dual Magnum	12.7	1 qt/a 3 lb/a 1.1 pt/a	16.0	14.7	15.7	16.3	17.0	14.0	
25	T2 (12 gta) + pic (150 lb) VIF None	13.0		14.7	14.3	12.3	12.0	12.7	13.7	
26	T2 (12 gta) + pic (150 lb) VIF Command Devrinol Dual Magnum	12.7	1 qt/a 3 lb/a 1.1 pt/a	12.0	14.3	13.0	13.3	13.3	11.7	
LSD (P=.05)	4.87	4.86	4.93	5.34	3.36	5.06	4.49			
Standard Deviation	2.95	2.95	2.99	3.24	2.04	3.07	2.72			
CV	22.16	20.88	22.78	23.29	15.31	22.21	19.65			
Bartlett's X2	17.52	36.796	33.23	29.028	20.308	17.279	30.474			
P(Bartlett's X2)	0.862	0.06	0.099	0.263	0.731	0.871	0.207			

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

University of Georgia

Weed Code	plant10 pepper height cm	plant11 pepper height cm	plant12 pepper height cm	plant13 pepper height cm	plant14 pepper height cm	plant15 pepper height cm	plant16 pepper height cm			
Crop Code	Aug-25-03	Aug-25-03	Aug-25-03	Aug-25-03	Aug-25-03	Aug-25-03	Aug-25-03			
Rating Data Type	41 DA-A	41 DA-A	41 DA-A	41 DA-A	41 DA-A	41 DA-A	41 DA-A			
Rating Unit										
Rating Date										
Trt-Eval Interval										
ARM Action Codes										
Trt No.	Treatment Name	Rate	Unit	95	96	97	98	99	100	101
1	NTC LDPE None			14.0	13.7	13.7	17.0	13.3	16.3	14.0
2	NTC LDPE Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		12.7	15.3	11.7	13.0	12.3	14.0	15.0
3	NTC VIF None			14.0	17.0	11.7	14.7	16.3	14.0	15.7
4	NTC VIF Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		13.0	13.3	12.7	11.0	12.3	13.3	13.3
5	Inline 35 gta LDPE None			18.0	15.7	16.0	14.3	16.3	14.0	16.3
6	Inline 35 gta LDPE Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		11.3	13.7	14.3	12.7	14.0	10.3	14.0
7	Inline 35 gta VIF None			16.0	17.0	15.0	14.0	16.0	15.7	17.3
8	Inline 35 gta VIF Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		10.0	11.7	12.0	11.3	10.3	11.7	9.3
9	Kapam (45gbc) + T2(12gta) None			18.0	16.7	17.0	14.3	16.7	16.3	15.7
10	Kapam (45gbc) + T2(12gta) Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		12.0	12.3	12.3	15.3	12.7	13.3	8.7
11	MeBr 285 lb BC None			15.0	12.3	13.7	16.0	16.0	14.3	14.7
12	MeBr 285 lb BC Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		13.3	12.0	12.3	12.3	12.7	12.3	13.7
13	Midas 125 lb BC None			14.0	16.0	16.7	13.7	15.3	10.3	14.7
14	Midas 125 lb BC Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		15.3	12.3	14.3	12.0	15.3	13.0	15.0
15	MeBr 400 lb BC None			15.3	15.0	12.3	17.0	14.0	12.3	15.3
16	MeBr 400 lb BC Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		12.7	10.0	12.3	11.3	14.3	13.3	13.7
17	Midas 175 lb BC None			15.7	15.3	15.7	13.7	14.7	13.7	14.3
18	Midas 175 lb BC Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		12.7	11.0	12.3	9.3	13.3	11.7	12.0

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Weed Code	plant10 pepper height cm	plant11 pepper height cm	plant12 pepper height cm	plant13 pepper height cm	plant14 pepper height cm	plant15 pepper height cm	plant16 pepper height cm			
Crop Code	Aug-25-03	Aug-25-03	Aug-25-03	Aug-25-03	Aug-25-03	Aug-25-03	Aug-25-03			
Rating Data Type	41 DA-A	41 DA-A	41 DA-A	41 DA-A	41 DA-A	41 DA-A	41 DA-A			
Rating Unit										
Trt-Eval Interval										
ARM Action Codes										
Trt No.	Treatment Name	Rate	Unit	95	96	97	98	99	100	101
19	C35 (35gta) + pic(150pta) LDPE None			14.7	11.7	13.3	11.0	16.7	10.0	13.3
20	C35 (35gta) + pic(150pta) LDPE Command Devrinol Dual Magnum	1 3 1.1	qt/a lb/a pt/a	14.7	13.3	16.0	13.0	13.3	9.3	14.3
21	C35 (35gta) + pic(150pta) VIF None			12.7	13.0	13.3	12.0	15.0	12.7	15.3
22	C35 (35gta) + pic(150pta) VIF Command Devrinol Dual Magnum	1 3 1.1	qt/a lb/a pt/a	12.3	9.7	10.3	8.7	10.7	9.3	10.0
23	T2 (12 gta) + pic (150 lb) LDPE None			15.3	12.7	15.0	14.0	12.3	16.3	14.0
24	T2 (12 gta) + pic (150 lb) LDPE Command Devrinol Dual Magnum	1 3 1.1	qt/a lb/a pt/a	12.7	13.7	15.7	16.0	12.7	15.7	15.0
25	T2 (12 gta) + pic (150 lb) VIF None			12.3	12.0	15.3	10.3	11.7	13.7	10.3
26	T2 (12 gta) + pic (150 lb) VIF Command Devrinol Dual Magnum	1 3 1.1	qt/a lb/a pt/a	13.3	12.3	15.3	12.7	12.7	12.0	13.3
LSD (P=.05)		5.05		4.79	4.59	3.93	3.86	4.93	5.03	
Standard Deviation		3.06		2.90	2.78	2.38	2.34	2.99	3.05	
CV		22.04		21.63	20.08	18.18	16.85	22.91	22.12	
Bartlett's X2		18.596		23.725	17.472	18.387	21.109	31.045	34.674	
P(Bartlett's X2)		0.816		0.535	0.864	0.826	0.687	0.188	0.073	

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

University of Georgia

Weed Code	plant17 pepper height cm	plant18 pepper height cm	plant19 pepper height cm	plant20 pepper height cm	average pepper height cm	plant1 pepper height cm	plant2 pepper height cm			
Crop Code	Aug-25-03	Aug-25-03	Aug-25-03	Aug-25-03	Aug-25-03	Sep-04-03	Sep-04-03			
Rating Data Type	41 DA-A	41 DA-A	41 DA-A	41 DA-A	41 DA-A	51 DA-A	51 DA-A			
Rating Unit										
Rating Date										
Trt-Eval Interval										
ARM Action Codes					T10					
Trt No.	Treatment Name	Rate	Unit	102	103	104	105	106	108	109
1	NTC LDPE None			14.3	14.0	15.0	16.0	15.0	23.7	25.7
2	NTC LDPE Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		14.7	15.3	13.3	13.3	13.8	22.7	24.7
3	NTC VIF None			12.3	13.3	15.3	13.7	14.4	21.7	25.0
4	NTC VIF Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		12.7	11.7	12.0	14.3	12.7	18.7	18.7
5	Inline 35 gta LDPE None			15.3	15.7	15.7	15.3	15.9	21.7	24.7
6	Inline 35 gta LDPE Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		10.7	13.7	11.0	13.7	12.2	23.7	23.0
7	Inline 35 gta VIF None			11.3	16.3	11.0	15.0	14.9	23.0	26.0
8	Inline 35 gta VIF Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		13.7	10.7	10.0	11.7	10.9	16.0	16.7
9	Kapam (45gbc) + T2(12gta) None			16.0	18.7	13.0	17.0	16.1	26.7	21.0
10	Kapam (45gbc) + T2(12gta) Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		12.0	10.3	13.0	10.7	12.1	21.3	19.3
11	MeBr 285 lb BC None			13.7	15.7	16.7	15.7	14.9	20.3	19.0
12	MeBr 285 lb BC Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		15.3	14.3	12.3	13.3	13.3	17.0	16.0
13	Midas 125 lb BC None			11.0	13.7	15.7	14.0	14.2	23.0	28.0
14	Midas 125 lb BC Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		13.7	11.7	11.0	16.0	13.7	20.0	24.3
15	MeBr 400 lb BC None			13.0	14.7	15.7	16.7	14.5	25.3	21.3
16	MeBr 400 lb BC Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		13.3	13.3	13.0	11.3	12.5	17.0	18.3
17	Midas 175 lb BC None			13.0	14.7	13.3	16.3	14.5	25.3	18.0
18	Midas 175 lb BC Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		11.7	12.7	11.7	12.3	11.8	16.7	22.3

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Weed Code	plant17 pepper height cm	plant18 pepper height cm	plant19 pepper height cm	plant20 pepper height cm	average pepper height cm	plant1 pepper height cm	plant2 pepper height cm			
Crop Code	Aug-25-03	Aug-25-03	Aug-25-03	Aug-25-03	Aug-25-03	Sep-04-03	Sep-04-03			
Rating Data Type	41 DA-A	41 DA-A	41 DA-A	41 DA-A	41 DA-A	51 DA-A	51 DA-A			
Rating Unit										
Rating Date										
Trt-Eval Interval										
ARM Action Codes					T10					
Trt No.	Treatment Name	Rate	Unit	102	103	104	105	106	108	109
19	C35 (35gta) + pic(150pta) LDPE None			14.0	13.3	13.3	14.3	13.4	19.7	22.3
20	C35 (35gta) + pic(150pta) LDPE Command Devrinol Dual Magnum	1 3 1.1	qt/a lb/a pt/a	13.7	12.7	14.0	14.3	13.8	17.7	21.7
21	C35 (35gta) + pic(150pta) VIF None			13.7	11.7	10.7	13.7	13.3	22.3	20.7
22	C35 (35gta) + pic(150pta) VIF Command Devrinol Dual Magnum	1 3 1.1	qt/a lb/a pt/a	10.0	12.7	11.0	11.7	10.3	14.3	14.3
23	T2 (12 gta) + pic (150 lb) LDPE None			13.7	12.0	16.7	11.7	14.1	21.0	25.0
24	T2 (12 gta) + pic (150 lb) LDPE Command Devrinol Dual Magnum	1 3 1.1	qt/a lb/a pt/a	15.7	14.7	13.3	16.0	15.0	19.3	24.3
25	T2 (12 gta) + pic (150 lb) VIF None			14.3	12.0	14.7	16.3	13.1	21.7	21.3
26	T2 (12 gta) + pic (150 lb) VIF Command Devrinol Dual Magnum	1 3 1.1	qt/a lb/a pt/a	12.0	14.0	14.0	14.0	12.9	15.3	19.7
LSD (P=.05)		5.29		5.18	4.36	4.43	2.61	7.64	6.90	
Standard Deviation		3.21		3.14	2.64	2.69	1.58	4.63	4.18	
CV		24.19		23.1	19.85	18.96	11.66	22.5	19.38	
Bartlett's X2		33.932		23.027	12.307	26.939	14.861	26.527	20.547	
P(Bartlett's X2)		0.086		0.576	0.976	0.359	0.945	0.38	0.718	

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

Column 96: T10 = @AVG([C86].[C105])

University of Georgia

Weed Code	plant3 pepper height cm	plant4 pepper height cm	plant5 pepper height cm	plant6 pepper height cm	plant7 pepper height cm	plant8 pepper height cm	plant9 pepper height cm			
Crop Code	Sep-04-03	Sep-04-03	Sep-04-03	Sep-04-03	Sep-04-03	Sep-04-03	Sep-04-03			
Rating Data Type	51 DA-A	51 DA-A	51 DA-A	51 DA-A	51 DA-A	51 DA-A	51 DA-A			
Rating Unit										
Rating Date										
Trt-Eval Interval										
ARM Action Codes										
Trt No.	Treatment Name	Rate	Unit	110	111	112	113	114	115	116
1	NTC LDPE None			23.7	23.7	24.3	23.3	23.0	26.0	23.7
2	NTC LDPE Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		19.7	25.0	22.7	24.0	23.3	23.7	22.0
3	NTC VIF None			19.7	21.0	21.3	21.7	20.0	20.7	23.3
4	NTC VIF Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		18.0	19.0	22.0	21.7	19.0	17.7	19.3
5	Inline 35 gta LDPE None			25.3	28.0	20.3	28.0	22.3	26.3	25.7
6	Inline 35 gta LDPE Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		23.3	25.0	18.7	22.0	16.0	23.3	19.0
7	Inline 35 gta VIF None			22.7	25.0	26.7	22.7	18.0	19.3	26.0
8	Inline 35 gta VIF Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		16.3	18.0	17.7	17.0	17.7	14.3	17.3
9	Kapam (45gbc) + T2(12gta) None			26.7	23.3	22.0	23.0	22.3	27.7	26.3
10	Kapam (45gbc) + T2(12gta) Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		16.3	17.7	16.7	18.0	15.7	17.0	16.3
11	MeBr 285 lb BC None			24.3	22.3	22.3	21.0	21.0	24.0	25.7
12	MeBr 285 lb BC Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		18.3	18.7	17.3	17.0	17.3	18.0	16.7
13	Midas 125 lb BC None			26.7	26.7	23.7	25.7	21.3	27.3	39.3
14	Midas 125 lb BC Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		19.0	22.7	17.7	19.0	17.3	22.3	16.3
15	MeBr 400 lb BC None			24.0	22.7	18.7	17.7	25.3	22.3	22.7
16	MeBr 400 lb BC Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		17.0	18.0	21.7	16.3	17.3	17.0	14.0
17	Midas 175 lb BC None			18.0	20.7	19.3	20.7	19.3	21.3	19.3
18	Midas 175 lb BC Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		18.7	21.3	17.3	19.0	16.3	20.3	20.7

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Weed Code	plant3 pepper height cm	plant4 pepper height cm	plant5 pepper height cm	plant6 pepper height cm	plant7 pepper height cm	plant8 pepper height cm	plant9 pepper height cm			
Crop Code	Sep-04-03	Sep-04-03	Sep-04-03	Sep-04-03	Sep-04-03	Sep-04-03	Sep-04-03			
Rating Data Type	51 DA-A	51 DA-A	51 DA-A	51 DA-A	51 DA-A	51 DA-A	51 DA-A			
Rating Unit										
Rating Date										
Trt-Eval Interval										
ARM Action Codes										
Trt No.	Treatment Name	Rate	Unit	110	111	112	113	114	115	116
19	C35 (35gta) + pic(150pta) LDPE None			18.7	22.7	15.0	22.3	20.3	18.7	19.7
20	C35 (35gta) + pic(150pta) LDPE Command Devrinol Dual Magnum	1 3 1.1	qt/a lb/a pt/a	15.3	23.7	18.0	18.3	14.7	18.7	18.7
21	C35 (35gta) + pic(150pta) VIF None			20.7	22.3	18.3	20.3	19.3	21.7	18.7
22	C35 (35gta) + pic(150pta) VIF Command Devrinol Dual Magnum	1 3 1.1	qt/a lb/a pt/a	12.7	14.7	12.3	12.3	12.3	16.0	13.3
23	T2 (12 gta) + pic (150 lb) LDPE None			18.0	29.7	28.3	29.3	25.0	25.7	27.3
24	T2 (12 gta) + pic (150 lb) LDPE Command Devrinol Dual Magnum	1 3 1.1	qt/a lb/a pt/a	22.0	21.7	21.7	19.7	14.3	22.3	22.3
25	T2 (12 gta) + pic (150 lb) VIF None			17.0	18.3	19.3	17.0	22.7	18.3	19.0
26	T2 (12 gta) + pic (150 lb) VIF Command Devrinol Dual Magnum	1 3 1.1	qt/a lb/a pt/a	21.0	22.3	17.3	18.3	17.3	22.7	19.3
LSD (P=.05)				7.20	7.87	7.60	7.04	7.83	6.90	10.71
Standard Deviation				4.36	4.77	4.61	4.27	4.74	4.18	6.49
CV				21.7	21.61	23.01	20.73	24.74	19.68	30.56
Bartlett's X2				17.851	24.748	27.437	29.09	31.269	23.887	48.896
P(Bartlett's X2)				0.849	0.477	0.334	0.26	0.18	0.526	0.003*

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

University of Georgia

Weed Code	plant10 pepper height cm	plant11 pepper height cm	plant12 pepper height cm	plant13 pepper height cm	plant14 pepper height cm	plant15 pepper height cm	plant16 pepper height cm			
Crop Code	Sep-04-03	Sep-04-03	Sep-04-03	Sep-04-03	Sep-04-03	Sep-04-03	Sep-04-03			
Rating Data Type	51 DA-A	51 DA-A	51 DA-A	51 DA-A	51 DA-A	51 DA-A	51 DA-A			
Rating Unit										
Rating Date										
Trt-Eval Interval										
ARM Action Codes										
Trt No.	Treatment Name	Rate	Unit	117	118	119	120	121	122	123
1	NTC LDPE None			26.7	18.7	28.0	20.7	26.7	23.3	26.0
2	NTC LDPE Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		24.0	24.3	22.7	23.7	23.7	25.0	25.0
3	NTC VIF None			23.7	24.7	24.3	25.7	21.3	24.3	20.3
4	NTC VIF Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		19.7	14.3	20.3	20.0	18.7	20.3	23.0
5	Inline 35 gta LDPE None			29.7	24.3	30.0	25.7	25.3	28.0	27.7
6	Inline 35 gta LDPE Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		24.3	24.7	22.3	14.0	26.0	20.7	24.0
7	Inline 35 gta VIF None			24.7	28.0	20.0	23.7	21.3	26.3	22.0
8	Inline 35 gta VIF Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		17.3	18.3	15.0	15.7	16.3	15.0	14.3
9	Kapam (45gbc) + T2(12gta) None			22.3	20.7	24.7	24.0	27.0	26.3	23.0
10	Kapam (45gbc) + T2(12gta) Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		14.7	18.3	18.7	16.7	18.7	16.3	14.7
11	MeBr 285 lb BC None			18.0	16.7	17.3	24.3	23.3	23.3	23.0
12	MeBr 285 lb BC Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		22.0	20.0	17.7	21.0	18.0	18.0	16.7
13	Midas 125 lb BC None			25.0	25.0	21.0	25.7	24.0	25.3	23.3
14	Midas 125 lb BC Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		21.0	17.7	20.7	20.3	19.7	21.7	19.3
15	MeBr 400 lb BC None			20.7	21.3	21.0	20.7	22.0	23.7	21.0
16	MeBr 400 lb BC Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		22.3	21.0	19.0	18.0	16.7	17.0	21.0
17	Midas 175 lb BC None			21.0	19.0	21.0	21.0	22.0	22.7	20.3
18	Midas 175 lb BC Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		21.3	17.3	20.0	20.3	21.0	21.0	23.3

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Weed Code	plant10 pepper height cm	plant11 pepper height cm	plant12 pepper height cm	plant13 pepper height cm	plant14 pepper height cm	plant15 pepper height cm	plant16 pepper height cm			
Crop Code	Sep-04-03	Sep-04-03	Sep-04-03	Sep-04-03	Sep-04-03	Sep-04-03	Sep-04-03			
Rating Data Type	51 DA-A	51 DA-A	51 DA-A	51 DA-A	51 DA-A	51 DA-A	51 DA-A			
Rating Unit										
Trt-Eval Interval										
ARM Action Codes										
Trt No.	Treatment Name	Rate	Unit	117	118	119	120	121	122	123
19	C35 (35gta) + pic(150pta) LDPE None	21.0		21.0	20.0	20.7	18.0	25.3	20.7	23.3
20	C35 (35gta) + pic(150pta) LDPE Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		22.3	17.7	22.0	19.3	21.7	17.0	19.3
21	C35 (35gta) + pic(150pta) VIF None	21.7		21.7	20.3	20.7	18.7	23.3	19.3	22.0
22	C35 (35gta) + pic(150pta) VIF Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		16.3	14.0	16.0	11.7	15.3	11.7	14.7
23	T2 (12 gta) + pic (150 lb) LDPE None	23.0		23.0	26.0	25.3	25.3	17.7	28.3	26.3
24	T2 (12 gta) + pic (150 lb) LDPE Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		23.0	22.0	21.0	19.7	19.0	14.3	19.7
25	T2 (12 gta) + pic (150 lb) VIF None	18.0		18.0	19.0	20.7	19.7	22.3	19.7	19.3
26	T2 (12 gta) + pic (150 lb) VIF Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		19.7	18.3	21.3	14.7	16.3	18.7	18.0
LSD (P=.05)		7.27		7.27	7.66	9.15	7.27	7.05	7.77	6.63
Standard Deviation		4.40		4.40	4.64	5.54	4.40	4.27	4.71	4.02
CV		20.32		20.32	22.71	26.14	21.69	20.09	22.35	18.96
Bartlett's X2		28.223		28.223	16.293	31.856	20.693	35.915	29.131	23.938
P(Bartlett's X2)		0.298		0.298	0.906	0.162	0.71	0.073	0.258	0.465

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

University of Georgia

Weed Code	plant17 pepper height cm	plant18 pepper height cm	plant19 pepper height cm	plant20 pepper height cm	average pepper height cm	plant1 pepper height cm	plant2 pepper height cm			
Crop Code	Sep-04-03	Sep-04-03	Sep-04-03	Sep-04-03	Sep-04-03	Oct-02-03	Oct-02-03			
Rating Data Type	51 DA-A	51 DA-A	51 DA-A	51 DA-A	51 DA-A	79 DA-A	79 DA-A			
Rating Unit										
Rating Date										
Trt-Eval Interval										
ARM Action Codes					T11					
Trt No.	Treatment Name	Rate	Unit	124	125	126	127	128	130	131
1	NTC LDPE None			23.0	26.7	26.0	24.0	24.3	33.7	38.7
2	NTC LDPE Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		23.3	26.7	20.7	21.3	23.4	40.0	49.7
3	NTC VIF None			25.7	25.0	23.3	21.7	22.7	39.0	32.7
4	NTC VIF Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		20.7	19.7	20.3	19.7	19.5	32.7	45.0
5	Inline 35 gta LDPE None			25.7	27.3	24.0	30.3	26.0	41.3	42.0
6	Inline 35 gta LDPE Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		17.3	26.3	20.3	21.3	21.8	43.0	42.3
7	Inline 35 gta VIF None			20.3	22.7	28.0	26.7	23.7	40.0	41.3
8	Inline 35 gta VIF Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		15.0	17.7	16.3	17.7	16.5	38.7	43.3
9	Kapam (45gbc) + T2(12gta) None			23.7	27.3	27.7	25.0	24.5	37.0	27.7
10	Kapam (45gbc) + T2(12gta) Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		17.0	18.3	16.7	16.0	17.2	38.3	38.3
11	MeBr 285 lb BC None			22.0	18.3	18.0	24.7	21.5	28.0	33.0
12	MeBr 285 lb BC Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		20.7	19.0	17.0	19.3	18.3	46.7	47.0
13	Midas 125 lb BC None			23.7	26.7	25.3	29.0	25.8	24.7	38.0
14	Midas 125 lb BC Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		18.0	21.0	18.0	22.7	19.9	36.7	40.3
15	MeBr 400 lb BC None			23.0	18.7	22.0	21.0	21.8	28.7	34.7
16	MeBr 400 lb BC Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		18.0	19.7	14.3	18.3	18.1	44.0	39.7
17	Midas 175 lb BC None			18.3	23.0	22.0	21.0	20.7	33.0	32.3
18	Midas 175 lb BC Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		22.7	20.0	17.0	21.7	19.9	39.3	42.3

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Weed Code	plant17 pepper height cm	plant18 pepper height cm	plant19 pepper height cm	plant20 pepper height cm	average pepper height cm	plant1 pepper height cm	plant2 pepper height cm
Crop Code	Sep-04-03	Sep-04-03	Sep-04-03	Sep-04-03	Sep-04-03	Oct-02-03	Oct-02-03
Rating Data Type	51 DA-A	51 DA-A	51 DA-A	51 DA-A	51 DA-A	79 DA-A	79 DA-A
Rating Unit							
Rating Date							
Trt-Eval Interval							
ARM Action Codes					T11		
Trt No.	124	125	126	127	128	130	131
Treatment Name							
Rate							
Unit							
19 C35 (35gta) + pic(150pta) LDPE None	20.7	22.3	17.3	22.7	20.6	34.0	33.7
20 C35 (35gta) + pic(150pta) LDPE Command Devrinol Dual Magnum	21.0	23.0	21.0	20.0	19.6	39.3	36.0
21 C35 (35gta) + pic(150pta) VIF None	22.3	20.3	19.7	21.7	20.7	34.0	39.0
22 C35 (35gta) + pic(150pta) VIF Command Devrinol Dual Magnum	12.0	17.0	11.7	19.7	14.1	39.7	46.0
23 T2 (12 gta) + pic (150 lb) LDPE None	27.7	24.7	30.0	27.0	25.5	34.7	32.3
24 T2 (12 gta) + pic (150 lb) LDPE Command Devrinol Dual Magnum	25.3	22.0	21.3	24.0	21.0	40.3	39.0
25 T2 (12 gta) + pic (150 lb) VIF None	17.3	17.3	20.7	20.0	19.4	31.3	32.7
26 T2 (12 gta) + pic (150 lb) VIF Command Devrinol Dual Magnum	16.7	19.0	21.3	22.0	19.0	35.7	46.0
LSD (P=.05)	6.83	6.70	7.65	6.64	3.94	11.16	10.38
Standard Deviation	4.14	4.06	4.64	4.03	2.39	6.77	6.29
CV	19.9	18.54	22.33	18.1	11.38	18.45	16.14
Bartlett's X2	20.35	28.644	20.094	21.284	26.361	27.874	26.786
P(Bartlett's X2)	0.677	0.279	0.742	0.677	0.389	0.314	0.367

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

Column 117: T11 = @AVG([C108].[C127])

University of Georgia

Weed Code	plant3 pepper height cm	plant4 pepper height cm	plant5 pepper height cm	plant6 pepper height cm	plant7 pepper height cm	plant8 pepper height cm	plant9 pepper height cm			
Crop Code	Oct-02-03	Oct-02-03	Oct-02-03	Oct-02-03	Oct-02-03	Oct-02-03	Oct-02-03			
Rating Data Type	79 DA-A	79 DA-A	79 DA-A	79 DA-A	79 DA-A	79 DA-A	79 DA-A			
Rating Unit										
Rating Date										
Trt-Eval Interval										
ARM Action Codes										
Trt No.	Treatment Name	Rate	Unit	132	133	134	135	136	137	138
1	NTC LDPE None			35.3	38.3	35.0	35.7	31.0	38.0	35.7
2	NTC LDPE Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		40.3	45.7	36.3	43.7	42.3	43.0	43.3
3	NTC VIF None			41.7	39.3	35.0	40.0	36.0	39.0	35.0
4	NTC VIF Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		34.7	42.0	35.3	38.7	34.3	39.0	35.0
5	Inline 35 gta LDPE None			35.3	36.7	40.3	43.7	35.7	43.0	43.0
6	Inline 35 gta LDPE Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		47.0	45.3	42.7	45.0	46.0	48.0	41.0
7	Inline 35 gta VIF None			32.3	39.3	39.7	50.0	42.7	45.7	45.3
8	Inline 35 gta VIF Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		43.3	45.0	39.7	42.7	41.7	44.3	42.7
9	Kapam (45gbc) + T2(12gta) None			37.0	38.0	35.0	38.3	37.3	40.0	37.0
10	Kapam (45gbc) + T2(12gta) Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		41.0	39.0	38.7	38.0	37.7	36.0	41.3
11	MeBr 285 lb BC None			29.3	34.7	38.7	38.0	36.3	42.3	34.7
12	MeBr 285 lb BC Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		46.0	42.3	39.7	40.3	37.3	41.7	39.0
13	Midas 125 lb BC None			32.3	35.3	36.0	40.3	37.3	39.0	41.7
14	Midas 125 lb BC Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		36.7	41.0	44.0	37.3	41.7	40.7	38.7
15	MeBr 400 lb BC None			29.0	33.3	35.3	33.0	36.0	38.7	33.0
16	MeBr 400 lb BC Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		44.3	41.7	41.7	46.0	36.7	45.7	28.7
17	Midas 175 lb BC None			32.7	35.0	35.0	37.7	32.7	35.7	32.0
18	Midas 175 lb BC Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		37.7	41.7	39.7	38.0	41.0	40.0	44.3

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Weed Code	plant3	plant4	plant5	plant6	plant7	plant8	plant9			
Crop Code	pepper	pepper	pepper	pepper	pepper	pepper	pepper			
Rating Data Type	height	height	height	height	height	height	height			
Rating Unit	cm	cm	cm	cm	cm	cm	cm			
Rating Date	Oct-02-03	Oct-02-03	Oct-02-03	Oct-02-03	Oct-02-03	Oct-02-03	Oct-02-03			
Trt-Eval Interval	79 DA-A	79 DA-A	79 DA-A	79 DA-A	79 DA-A	79 DA-A	79 DA-A			
ARM Action Codes										
Trt No.	Treatment Name	Rate	Unit	132	133	134	135	136	137	138
19	C35 (35gta) + pic(150pta) LDPE None	33.7		33.7	29.3	34.0	32.7	41.3	33.7	131.7
20	C35 (35gta) + pic(150pta) LDPE Command Devrinol Dual Magnum	34.0	1 qt/a 3 lb/a 1.1 pt/a	34.0	39.3	39.3	41.3	35.3	173.7	38.0
21	C35 (35gta) + pic(150pta) VIF None	39.3		39.3	37.7	36.0	42.7	29.3	37.7	32.7
22	C35 (35gta) + pic(150pta) VIF Command Devrinol Dual Magnum	35.3	1 qt/a 3 lb/a 1.1 pt/a	35.3	43.3	35.0	46.3	40.7	49.0	38.7
23	T2 (12 gta) + pic (150 lb) LDPE None	33.3		33.3	40.3	36.0	38.3	30.0	41.3	39.7
24	T2 (12 gta) + pic (150 lb) LDPE Command Devrinol Dual Magnum	38.0	1 qt/a 3 lb/a 1.1 pt/a	38.0	39.7	41.7	37.7	42.3	43.0	38.7
25	T2 (12 gta) + pic (150 lb) VIF None	34.3		34.3	36.3	34.3	36.3	38.0	38.0	34.3
26	T2 (12 gta) + pic (150 lb) VIF Command Devrinol Dual Magnum	41.0	1 qt/a 3 lb/a 1.1 pt/a	41.0	53.7	42.7	46.3	42.3	40.7	43.3
LSD (P=.05)		12.23		12.23	9.42	9.55	10.39	10.59	75.29	55.56
Standard Deviation		7.41		7.41	5.71	5.79	6.30	6.42	45.63	33.67
CV		19.97		19.97	14.37	15.25	15.63	16.98	99.14	80.43
Bartlett's X2		21.109		21.109	25.569	11.218	11.986	25.223	178.152	154.839
P(Bartlett's X2)		0.687		0.687	0.431	0.992	0.987	0.45	0.001*	0.001*

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

University of Georgia

Weed Code	plant10 pepper height cm	plant11 pepper height cm	plant12 pepper height cm	plant13 pepper height cm	plant14 pepper height cm	plant15 pepper height cm	plant16 pepper height cm			
Crop Code	Oct-02-03	Oct-02-03	Oct-02-03	Oct-02-03	Oct-02-03	Oct-02-03	Oct-02-03			
Rating Data Type	79 DA-A	79 DA-A	79 DA-A	79 DA-A	79 DA-A	79 DA-A	79 DA-A			
Rating Unit										
Rating Date										
Trt-Eval Interval										
ARM Action Codes										
Trt No.	Treatment Name	Rate	Unit	139	140	141	142	143	144	145
1	NTC LDPE None			37.0	37.3	41.0	36.3	40.7	42.0	40.0
2	NTC LDPE Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		39.7	41.0	41.7	44.0	41.7	43.0	38.7
3	NTC VIF None			39.0	38.7	40.3	39.3	37.7	39.0	36.0
4	NTC VIF Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		37.0	35.3	43.7	34.0	42.3	36.3	38.0
5	Inline 35 gta LDPE None			46.3	40.0	41.7	37.7	44.0	43.3	46.3
6	Inline 35 gta LDPE Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		44.0	39.0	41.0	43.0	48.0	41.3	44.3
7	Inline 35 gta VIF None			39.7	41.0	49.3	45.3	42.3	44.3	38.3
8	Inline 35 gta VIF Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		38.3	39.3	41.0	44.3	41.0	46.7	42.0
9	Kapam (45gbc) + T2(12gta) None			36.7	37.7	35.3	35.3	30.0	37.7	31.7
10	Kapam (45gbc) + T2(12gta) Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		43.0	43.7	44.0	43.0	37.0	40.0	42.0
11	MeBr 285 lb BC None			34.3	34.3	41.0	40.0	42.0	134.3	37.7
12	MeBr 285 lb BC Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		48.7	41.3	45.7	38.3	39.3	39.0	41.7
13	Midas 125 lb BC None			39.0	30.7	46.3	39.7	38.3	35.0	38.7
14	Midas 125 lb BC Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		40.0	36.7	44.0	28.7	46.7	36.3	50.3
15	MeBr 400 lb BC None			33.3	35.7	32.7	38.0	31.0	31.3	35.0
16	MeBr 400 lb BC Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		35.7	28.0	46.7	39.3	37.3	35.7	37.0
17	Midas 175 lb BC None			38.3	36.7	40.0	35.7	40.3	36.3	39.0
18	Midas 175 lb BC Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		38.0	40.7	41.0	45.0	40.0	43.3	49.3

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Weed Code	plant10	plant11	plant12	plant13	plant14	plant15	plant16			
Crop Code	pepper	pepper	pepper	pepper	pepper	pepper	pepper			
Rating Data Type	height	height	height	height	height	height	height			
Rating Unit	cm	cm	cm	cm	cm	cm	cm			
Rating Date	Oct-02-03	Oct-02-03	Oct-02-03	Oct-02-03	Oct-02-03	Oct-02-03	Oct-02-03			
Trt-Eval Interval	79 DA-A	79 DA-A	79 DA-A	79 DA-A	79 DA-A	79 DA-A	79 DA-A			
ARM Action Codes										
Trt No.	Treatment Name	Rate	Unit	139	140	141	142	143	144	145
19	C35 (35gta) + pic(150pta) LDPE None	38.0		37.0	31.0	38.7	41.0	32.3	39.3	
20	C35 (35gta) + pic(150pta) LDPE Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		41.0	35.3	39.7	37.3	37.0	34.7	48.0
21	C35 (35gta) + pic(150pta) VIF None	30.3		26.3	34.3	28.7	36.0	35.0	39.3	
22	C35 (35gta) + pic(150pta) VIF Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		47.0	38.3	40.0	32.7	45.7	34.7	37.0
23	T2 (12 gta) + pic (150 lb) LDPE None	36.7		42.0	34.3	41.3	41.0	39.0	40.3	
24	T2 (12 gta) + pic (150 lb) LDPE Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		38.3	42.0	43.3	36.0	37.3	33.7	41.0
25	T2 (12 gta) + pic (150 lb) VIF None	36.7		37.3	37.3	36.3	30.0	36.3	43.0	
26	T2 (12 gta) + pic (150 lb) VIF Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		46.3	42.0	44.0	39.3	48.0	37.3	46.7
LSD (P=.05)		11.45		9.90	10.88	11.80	12.45	54.83	10.85	
Standard Deviation		6.94		6.00	6.60	7.15	7.55	33.23	6.57	
CV		17.65		15.96	16.17	18.64	18.95	79.4	16.11	
Bartlett's X2		24.937		25.693	25.243	26.942	35.367	153.06	18.173	
P(Bartlett's X2)		0.466		0.424	0.449	0.359	0.082	0.001*	0.835	

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

University of Georgia

Weed Code	plant17 pepper height cm	plant18 pepper height cm	plant19 pepper height cm	plant20 pepper height cm	average pepper height cm	Jumbo pepper harvest1 #	Jumbo pepper harvest1 lbs			
Crop Code	Oct-02-03	Oct-02-03	Oct-02-03	Oct-02-03	Oct-02-03	Oct-14-03	Oct-14-03			
Rating Data Type	79 DA-A	79 DA-A	79 DA-A	79 DA-A	79 DA-A	91 DA-A	91 DA-A			
Rating Unit										
Rating Date										
Trt-Eval Interval										
ARM Action Codes					T12					
Trt No.	Treatment Name	Rate	Unit	146	147	148	149	150	152	153
1	NTC LDPE None			37.3	40.0	38.0	37.3	37.4	6.7	2.5
2	NTC LDPE Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		41.7	46.3	40.7	47.7	42.5	8.7	3.9
3	NTC VIF None			38.0	35.7	39.7	43.7	38.2	10.0	3.3
4	NTC VIF Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		39.3	41.0	41.3	42.3	38.4	7.3	3.5
5	Inline 35 gta LDPE None			39.0	44.7	43.0	52.7	42.0	15.3	6.8
6	Inline 35 gta LDPE Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		44.0	45.0	41.7	48.0	44.0	4.7	2.1
7	Inline 35 gta VIF None			45.0	40.7	43.0	41.0	42.3	14.0	5.6
8	Inline 35 gta VIF Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		47.7	37.7	48.0	35.0	42.1	8.0	3.6
9	Kapam (45gbc) + T2(12gta) None			43.3	46.3	34.0	40.7	36.8	18.7	7.9
10	Kapam (45gbc) + T2(12gta) Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		40.0	43.7	38.0	41.3	40.2	11.3	6.1
11	MeBr 285 lb BC None			36.0	36.7	41.0	41.7	41.7	16.7	7.7
12	MeBr 285 lb BC Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		42.0	44.7	39.7	42.0	42.1	14.0	6.3
13	Midas 125 lb BC None			36.0	43.7	33.0	44.7	37.5	4.0	1.9
14	Midas 125 lb BC Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		40.0	45.0	40.7	44.3	40.5	7.3	3.8
15	MeBr 400 lb BC None			34.0	34.3	32.7	31.0	33.5	11.3	4.4
16	MeBr 400 lb BC Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		35.7	42.3	28.7	41.0	38.8	12.7	5.8
17	Midas 175 lb BC None			35.0	38.0	35.7	37.3	35.9	9.3	3.6
18	Midas 175 lb BC Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		45.0	40.7	43.3	38.3	41.4	8.7	4.1

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Weed Code	plant17 pepper height cm	plant18 pepper height cm	plant19 pepper height cm	plant20 pepper height cm	average pepper height cm	Jumbo pepper harvest1 #	Jumbo pepper harvest1 lbs			
Crop Code	Oct-02-03	Oct-02-03	Oct-02-03	Oct-02-03	Oct-02-03	Oct-14-03	Oct-14-03			
Rating Data Type	79 DA-A	79 DA-A	79 DA-A	79 DA-A	79 DA-A	91 DA-A	91 DA-A			
Rating Unit										
Rating Date										
Trt-Eval Interval										
ARM Action Codes					T12					
Trt No.	Treatment Name	Rate	Unit	146	147	148	149	150	152	153
19	C35 (35gta) + pic(150pta) LDPE None	36.3		41.0	32.0	34.0	40.2	15.3	6.4	
20	C35 (35gta) + pic(150pta) LDPE Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		41.0	35.3	36.7	45.7	45.4	8.7	4.5
21	C35 (35gta) + pic(150pta) VIF None			38.7	39.7	39.0	41.7	35.9	10.7	4.5
22	C35 (35gta) + pic(150pta) VIF Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		37.0	40.0	39.3	44.0	40.5	8.0	3.5
23	T2 (12 gta) + pic (150 lb) LDPE None			40.0	40.0	45.0	41.3	38.4	13.7	4.5
24	T2 (12 gta) + pic (150 lb) LDPE Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		38.7	41.7	40.7	42.7	39.8	17.0	7.3
25	T2 (12 gta) + pic (150 lb) VIF None			36.0	33.7	37.7	35.0	35.8	14.7	6.0
26	T2 (12 gta) + pic (150 lb) VIF Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		39.0	47.0	40.0	42.7	43.2	10.0	4.0
LSD (P=.05)		8.98		11.25	10.30	11.41	6.53	4.62	2.11	
Standard Deviation		5.44		6.82	6.24	6.91	3.96	2.80	1.28	
CV		13.8		16.65	16.02	16.69	9.95	25.39	26.88	
Bartlett's X2		28.226		24.652	24.269	25.012	20.95	19.273	38.097	
P(Bartlett's X2)		0.298		0.482	0.504	0.462	0.695	0.784	0.034*	

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

Column 138: T12 = @AVG([C130].[C149])

University of Georgia

Weed Code	Jumbo pepper harvest1	Jumbo pepper harvest1	Jumbo pepper harvest2	Jumbo pepper harvest2	Jumbo pepper harvest2	Jumbo pepper harvest2	Jumbo pepper harvest2	US No 1 pepper harvest2	
Crop Code	#/A	#28lbbox	#	lbs	#/A	#28lbbox	#		
Rating Data Type	Oct-14-03	Oct-14-03	Oct-28-03	Oct-28-03	Oct-14-03	Oct-28-03	Oct-28-03	Oct-28-03	
Rating Unit	91 DA-A	91 DA-A	91 DA-A	91 DA-A	91 DA-A	91 DA-A	91 DA-A	91 DA-A	
Trt-Eval Interval	T13	T14			T15	T16			
ARM Action Codes									
Trt No.	Treatment Name	Rate	Unit						
		154		155	157	158	159	160	162
1	NTC LDPE None	8066.7		121.0	1.0	0.5	3025.0	25.8	1.0
2	NTC LDPE Command Devrinol Dual Magnum	10486.7	1 qt/a 3 lb/a 1.1 pt/a	187.1	2.3	1.4	4678.7	67.8	4.3
3	NTC VIF None	12100.0		161.3	0.0	0.0	4033.3	0.0	1.3
4	NTC VIF Command Devrinol Dual Magnum	8873.3	1 qt/a 3 lb/a 1.1 pt/a	167.8	1.7	0.9	4194.7	41.9	7.0
5	Inline 35 gta LDPE None	18553.3		329.1	0.0	0.0	8228.0	0.0	2.7
6	Inline 35 gta LDPE Command Devrinol Dual Magnum	5646.7	1 qt/a 3 lb/a 1.1 pt/a	103.3	1.3	0.7	2581.3	32.3	5.7
7	Inline 35 gta VIF None	16940.0		271.0	1.3	0.6	6776.0	29.0	4.3
8	Inline 35 gta VIF Command Devrinol Dual Magnum	9680.0	1 qt/a 3 lb/a 1.1 pt/a	174.2	1.3	0.7	4356.0	35.5	5.3
9	Kapam (45gbc) + T2(12gta) None	22586.7		380.7	1.3	0.9	9518.7	41.9	3.3
10	Kapam (45gbc) + T2(12gta) Command Devrinol Dual Magnum	13713.3	1 qt/a 3 lb/a 1.1 pt/a	296.9	3.7	2.2	7421.3	106.5	9.0
11	MeBr 285 lb BC None	20166.7		374.3	2.7	1.3	9357.3	61.3	6.3
12	MeBr 285 lb BC Command Devrinol Dual Magnum	16940.0	1 qt/a 3 lb/a 1.1 pt/a	303.3	4.3	2.7	7582.7	129.1	8.3
13	Midas 125 lb BC None	4840.0		90.3	1.3	0.7	2258.7	35.5	2.0
14	Midas 125 lb BC Command Devrinol Dual Magnum	8873.3	1 qt/a 3 lb/a 1.1 pt/a	183.9	0.7	0.4	4598.0	19.4	5.7
15	MeBr 400 lb BC None	13713.3		213.0	1.3	1.1	5324.0	54.9	7.7
16	MeBr 400 lb BC Command Devrinol Dual Magnum	15326.7	1 qt/a 3 lb/a 1.1 pt/a	280.7	6.0	3.8	7018.0	183.9	8.3
17	Midas 175 lb BC None	11293.3		174.2	2.0	1.2	4356.0	58.1	4.0
18	Midas 175 lb BC Command Devrinol Dual Magnum	10486.7	1 qt/a 3 lb/a 1.1 pt/a	200.1	2.3	1.3	5001.3	64.5	9.0

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Weed Code	Jumbo pepper harvest1 #/A	Jumbo pepper harvest1 #28lbbox	Jumbo pepper harvest2 #	Jumbo pepper harvest2 lbs	Jumbo pepper harvest2 #/A	Jumbo pepper harvest2 #28lbbox	US No 1 pepper harvest2 #			
Crop Code	Oct-14-03	Oct-14-03	Oct-28-03	Oct-28-03	Oct-14-03	Oct-28-03	Oct-28-03			
Rating Data Type	91 DA-A	91 DA-A	91 DA-A	91 DA-A	91 DA-A	91 DA-A	91 DA-A			
Rating Unit	T13	T14			T15	T16				
Rating Date										
Trt-Eval Interval										
ARM Action Codes										
Trt No.	Treatment Name	Rate	Rate	Rate	Rate	Rate	Rate			
		Unit								
19	C35 (35gta) + pic(150pta) LDPE None		154	155	157	158	159	160	162	
			18553.3	309.8	2.7	1.7	7744.0	83.9	5.3	
20	C35 (35gta) + pic(150pta) LDPE Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a		10486.7	219.4	2.0	1.4	5485.3	67.8	9.0
21	C35 (35gta) + pic(150pta) VIF None		12906.7	219.4	1.7	0.9	5485.3	41.9	4.7	
22	C35 (35gta) + pic(150pta) VIF Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a	9680.0	169.4	2.0	1.3	4235.0	61.3	11.7	
23	T2 (12 gta) + pic (150 lb) LDPE None		16536.7	216.2	1.0	0.7	5404.7	35.5	5.0	
24	T2 (12 gta) + pic (150 lb) LDPE Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a	20570.0	354.9	3.7	1.9	8873.3	90.3	5.7	
25	T2 (12 gta) + pic (150 lb) VIF None		17746.7	290.4	3.0	1.9	7260.0	90.3	3.0	
26	T2 (12 gta) + pic (150 lb) VIF Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a	12100.0	193.6	4.0	2.4	4840.0	116.2	9.0	
LSD (P=.05)			5588.84	102.10	2.58	1.57	2552.43	75.91	5.89	
Standard Deviation			3386.89	61.87	1.56	0.95	1546.80	46.00	3.57	
CV			25.39	26.88	74.23	75.95	26.88	75.96	62.4	
Bartlett's X2			19.273	60.391	14.74	18.809	38.096	18.809	29.771	
P(Bartlett's X2)			0.784	0.001*	0.873	0.712	0.034*	0.712	0.192	

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

Column 141: T13 = [C152]*1210

Column 142: T14 = ([C153]*1210)/25

Column 145: T15 = [C153]*1210

Column 146: T16 = ([C158]*1210)/25

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Weed Code	US No 1	US No 1	US No 1	US No.2	US No.2	US No.2	US No.2			
Crop Code	pepper	pepper	pepper	pepper	pepper	pepper	pepper			
Rating Data Type	harvest2	harvest2	harvest2	harvest2	harvest2	harvest2	harvest2			
Rating Unit	lbs	#/A	#28lbbox	#	lbs	#/A	#28lbbox			
Rating Date	Oct-28-03	Oct-28-03	Oct-28-03	Oct-28-03	Oct-28-03	Oct-28-03	Oct-28-03			
Trt-Eval Interval	91 DA-A	91 DA-A	91 DA-A	91 DA-A	91 DA-A	91 DA-A	91 DA-A			
ARM Action Codes		T17	T18			T19	T20			
Trt No.	Treatment Name	Rate	Unit	163	164	165	167	168	169	170
1	NTC LDPE None	0.6		1210.0	29.0	26.7	7.0	32266.7	338.8	
2	NTC LDPE Command Devrinol Dual Magnum	1.9	1 qt/a 3 lb/a 1.1 pt/a	5243.3	90.3	41.3	12.3	50013.3	593.7	
3	NTC VIF None	0.7		1613.3	35.5	40.0	11.6	48400.0	561.4	
4	NTC VIF Command Devrinol Dual Magnum	2.7	1 qt/a 3 lb/a 1.1 pt/a	8470.0	132.3	46.7	11.1	56466.7	538.9	
5	Inline 35 gta LDPE None	1.3		3226.7	61.3	33.3	9.3	40333.3	451.7	
6	Inline 35 gta LDPE Command Devrinol Dual Magnum	2.3	1 qt/a 3 lb/a 1.1 pt/a	6856.7	112.9	46.7	13.7	56466.7	664.7	
7	Inline 35 gta VIF None	1.8		5243.3	87.1	26.7	8.1	32266.7	390.4	
8	Inline 35 gta VIF Command Devrinol Dual Magnum	2.4	1 qt/a 3 lb/a 1.1 pt/a	6453.3	116.2	48.7	15.1	58886.7	729.2	
9	Kapam (45gbc) + T2(12gta) None	2.1		4033.3	100.0	42.7	12.0	51626.7	580.8	
10	Kapam (45gbc) + T2(12gta) Command Devrinol Dual Magnum	4.3	1 qt/a 3 lb/a 1.1 pt/a	10890.0	206.5	58.7	17.3	70986.7	835.7	
11	MeBr 285 lb BC None	2.9		7663.3	138.7	42.0	12.1	50820.0	584.0	
12	MeBr 285 lb BC Command Devrinol Dual Magnum	4.2	1 qt/a 3 lb/a 1.1 pt/a	10083.3	203.3	64.0	18.7	77440.0	903.5	
13	Midas 125 lb BC None	0.9		2420.0	41.9	32.7	9.9	39526.7	480.8	
14	Midas 125 lb BC Command Devrinol Dual Magnum	2.6	1 qt/a 3 lb/a 1.1 pt/a	6856.7	125.8	50.0	13.5	60500.0	651.8	
15	MeBr 400 lb BC None	3.9		9276.7	187.1	46.0	14.1	55660.0	680.8	
16	MeBr 400 lb BC Command Devrinol Dual Magnum	3.6	1 qt/a 3 lb/a 1.1 pt/a	10083.3	174.2	54.0	20.3	65340.0	980.9	
17	Midas 175 lb BC None	2.0		4840.0	96.8	34.7	14.7	41946.7	711.5	
18	Midas 175 lb BC Command Devrinol Dual Magnum	4.3	1 qt/a 3 lb/a 1.1 pt/a	10890.0	209.7	49.3	16.4	59693.3	793.8	

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Weed Code	US No 1	US No 1	US No 1	US No.2	US No.2	US No.2	US No.2			
Crop Code	pepper	pepper	pepper	pepper	pepper	pepper	pepper			
Rating Data Type	harvest2	harvest2	harvest2	harvest2	harvest2	harvest2	harvest2			
Rating Unit	lbs	#/A	#28lbbox	#	lbs	#/A	#28lbbox			
Rating Date	Oct-28-03	Oct-28-03	Oct-28-03	Oct-28-03	Oct-28-03	Oct-28-03	Oct-28-03			
Trt-Eval Interval	91 DA-A	91 DA-A	91 DA-A	91 DA-A	91 DA-A	91 DA-A	91 DA-A			
ARM Action Codes		T17	T18			T19	T20			
Trt No.	Treatment Name	Rate	Unit	163	164	165	167	168	169	170
19	C35 (35gta) + pic(150pta) LDPE None	2.4		6453.3	116.2	27.3	7.3	33073.3	354.9	
20	C35 (35gta) + pic(150pta) LDPE Command Devrinol Dual Magnum	4.1	1 qt/a 3 lb/a 1.1 pt/a	10890.0	200.1	57.3	16.1	69373.3	780.9	
21	C35 (35gta) + pic(150pta) VIF None	2.4		5646.7	116.2	44.7	13.5	54046.7	655.0	
22	C35 (35gta) + pic(150pta) VIF Command Devrinol Dual Magnum	5.3	1 qt/a 3 lb/a 1.1 pt/a	14116.7	258.1	84.0	25.6	101640.0	1239.0	
23	T2 (12 gta) + pic (150 lb) LDPE None	2.6		6050.0	125.8	45.3	13.5	54853.3	651.8	
24	T2 (12 gta) + pic (150 lb) LDPE Command Devrinol Dual Magnum	2.3	1 qt/a 3 lb/a 1.1 pt/a	6856.7	112.9	53.3	14.1	64533.3	684.1	
25	T2 (12 gta) + pic (150 lb) VIF None	1.5		3630.0	74.2	50.0	15.2	60500.0	735.7	
26	T2 (12 gta) + pic (150 lb) VIF Command Devrinol Dual Magnum	4.0	1 qt/a 3 lb/a 1.1 pt/a	10890.0	193.6	59.3	26.2	71793.3	1266.5	
LSD (P=.05)		2.61		7123.87	126.16	16.72	5.60	20231.36	271.04	
Standard Deviation		1.58		4317.13	76.45	10.13	3.39	12260.40	164.25	
CV		59.41		62.4	59.41	21.86	23.94	21.86	23.94	
Bartlett's X2		27.781		29.771	27.782	36.263	28.09	36.263	28.09	
P(Bartlett's X2)		0.318		0.192	0.318	0.068	0.304	0.068	0.304	

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

Column 149: T17 = [C162]*1210

Column 150: T18 = ([C163]*1210)/25

Column 153: T19 = [C167]*1210

Column 154: T20 = ([C168]*1210)/25

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Weed Code	Cull pepper harvest2	Cull pepper harvest2	Cull pepper harvest2	Cull pepper harvest2	Tot. Jum pepper both	Tot. Jum pepper both	Tot. Fru pepper all		
Crop Code	#	lbs	#/A	#28lbbox	#/A	#28lbbox	#/A		
Rating Data Type	Oct-28-03	Oct-28-03	Oct-28-03	Oct-28-03	Nov-08-03	Nov-08-03	Nov-08-03		
Rating Unit	91 DA-A	91 DA-A	91 DA-A	91 DA-A	116 DA-A	116 DA-A	116 DA-A		
Rating Date									
Trt-Eval Interval									
ARM Action Codes	T21	T22	T23	T27	T24				
Trt No.	Treatment Name	Rate	Unit						
		172		173	174	175	177	178	180
1	NTC LDPE None	8.0		1.8	9680.0	87.1	11091.7	146.8	44568.3
2	NTC LDPE Command Devrinol Dual Magnum	11.3	1 qt/a 3 lb/a 1.1 pt/a	2.7	13713.3	129.1	15165.3	254.9	70422.0
3	NTC VIF None	8.0		1.7	9680.0	80.7	16133.3	161.3	66146.7
4	NTC VIF Command Devrinol Dual Magnum	9.3	1 qt/a 3 lb/a 1.1 pt/a	1.9	11293.3	93.6	13068.0	209.7	78004.7
5	Inline 35 gta LDPE None	4.7		1.5	5646.7	71.0	26781.3	329.1	70341.3
6	Inline 35 gta LDPE Command Devrinol Dual Magnum	11.0	1 qt/a 3 lb/a 1.1 pt/a	2.7	13310.0	129.1	8228.0	135.5	71551.3
7	Inline 35 gta VIF None	12.3		2.3	14923.3	112.9	23716.0	300.1	61226.0
8	Inline 35 gta VIF Command Devrinol Dual Magnum	20.3	1 qt/a 3 lb/a 1.1 pt/a	3.3	24603.3	161.3	14036.0	209.7	79376.0
9	Kapam (45gbc) + T2(12gta) None	16.0		3.1	19360.0	151.7	32105.3	422.7	87765.3
10	Kapam (45gbc) + T2(12gta) Command Devrinol Dual Magnum	11.0	1 qt/a 3 lb/a 1.1 pt/a	2.3	13310.0	109.7	21134.7	403.3	103011.3
11	MeBr 285 lb BC None	17.0		3.6	20570.0	174.2	29524.0	435.6	88007.3
12	MeBr 285 lb BC Command Devrinol Dual Magnum	14.7	1 qt/a 3 lb/a 1.1 pt/a	3.8	17746.7	183.9	24522.7	432.4	112046.0
13	Midas 125 lb BC None	8.0		1.4	9680.0	67.8	7098.7	125.8	49045.3
14	Midas 125 lb BC Command Devrinol Dual Magnum	12.3	1 qt/a 3 lb/a 1.1 pt/a	2.3	14923.3	112.9	13471.3	203.3	80828.0
15	MeBr 400 lb BC None	18.0		4.1	21780.0	196.8	19037.3	267.8	83974.0
16	MeBr 400 lb BC Command Devrinol Dual Magnum	20.0	1 qt/a 3 lb/a 1.1 pt/a	4.5	24200.0	216.2	22344.7	464.6	97768.0
17	Midas 175 lb BC None	13.3		4.9	16133.3	235.5	15649.3	232.3	62436.0
18	Midas 175 lb BC Command Devrinol Dual Magnum	11.3	1 qt/a 3 lb/a 1.1 pt/a	2.8	13713.3	135.5	15488.0	264.6	86071.3

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Weed Code	Cull pepper harvest2	Cull pepper harvest2	Cull pepper harvest2	Cull pepper harvest2	Tot. Jum pepper both	Tot. Jum pepper both	Tot. Fru pepper all			
Crop Code	#	lbs	#/A	#28lbbox	#/A	#28lbbox	#/A			
Rating Data Type	Oct-28-03	Oct-28-03	Oct-28-03	Oct-28-03	Nov-08-03	Nov-08-03	Nov-08-03			
Rating Unit	91 DA-A	91 DA-A	91 DA-A	91 DA-A	116 DA-A	116 DA-A	116 DA-A			
Rating Date										
Trt-Eval Interval										
ARM Action Codes			T21	T22	T23	T27	T24			
Trt No.	Treatment Name	Rate	Unit	172	173	174	175	177	178	180
19	C35 (35gta) + pic(150pta) LDPE None	19.7		5.2	23796.7	251.7	26297.3	393.7	65824.0	
20	C35 (35gta) + pic(150pta) LDPE Command Devrinol Dual Magnum	24.0		5.2	29040.0	251.7	15972.0	287.2	96235.3	
			1 qt/a							
			3 lb/a							
			1.1 pt/a							
21	C35 (35gta) + pic(150pta) VIF None	23.7		6.1	28636.7	296.9	18392.0	261.4	78085.3	
22	C35 (35gta) + pic(150pta) VIF Command Devrinol Dual Magnum	24.7		4.1	29846.7	200.1	13915.0	230.7	129671.7	
			1 qt/a							
			3 lb/a							
			1.1 pt/a							
23	T2 (12 gta) + pic (150 lb) LDPE None	13.7		3.6	16536.7	174.2	21941.3	251.7	82844.7	
24	T2 (12 gta) + pic (150 lb) LDPE Command Devrinol Dual Magnum	11.3		2.5	13713.3	119.4	29443.3	445.3	100833.3	
			1 qt/a							
			3 lb/a							
			1.1 pt/a							
25	T2 (12 gta) + pic (150 lb) VIF None	22.0		5.2	26620.0	251.7	25006.7	380.7	89136.7	
26	T2 (12 gta) + pic (150 lb) VIF Command Devrinol Dual Magnum	26.0		6.1	31460.0	293.6	16940.0	309.8	99623.3	
			1 qt/a							
			3 lb/a							
			1.1 pt/a							
LSD (P=.05)		9.28		2.27	11225.42	109.78	7867.11	120.72	25455.73	
Standard Deviation		5.62		1.37	6802.71	66.53	4767.54	73.16	15426.41	
CV		37.32		40.34	37.32	40.34	24.97	25.16	18.79	
Bartlett's X2		19.218		25.335	19.218	25.335	24.59	25.41	29.141	
P(Bartlett's X2)		0.787		0.444	0.787	0.444	0.486	0.44	0.258	

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

Column 157: T21 = [C172]*1210

Column 158: T22 = ([C173]*1210)/25

Column 159: T23 = [C154]+[C159]

Column 160: T27 = [C155]+[C160]

Column 161: T24 = [C177]+[C164]+[C169]

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Weed Code			Tot. Fru
Crop Code			pepper
Rating Data Type			all
Rating Unit			#28box/A
Rating Date			Nov-08-03
Trt-Eval Interval			116 DA-A
ARM Action Codes			T28
Trt No.	Treatment Name	Rate	Unit
			181
1	NTC LDPE None		514.7
2	NTC LDPE Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a	939.0
3	NTC VIF None		758.3
4	NTC VIF Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a	880.9
5	Inline 35 gta LDPE None		842.2
6	Inline 35 gta LDPE Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a	913.1
7	Inline 35 gta VIF None		777.6
8	Inline 35 gta VIF Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a	1055.1
9	Kapam (45gbc) + T2(12gta) None		1103.5
10	Kapam (45gbc) + T2(12gta) Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a	1445.5
11	MeBr 285 lb BC None		1158.4
12	MeBr 285 lb BC Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a	1539.1
13	Midas 125 lb BC None		648.6
14	Midas 125 lb BC Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a	980.9
15	MeBr 400 lb BC None		1135.8
16	MeBr 400 lb BC Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a	1619.8
17	Midas 175 lb BC None		1040.6
18	Midas 175 lb BC Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a	1268.1

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Weed Code			Tot. Fru
Crop Code			pepper
Rating Data Type			all
Rating Unit			#28box/A
Rating Date			Nov-08-03
Trt-Eval Interval			116 DA-A
ARM Action Codes			T28
Trt No.	Treatment Name	Rate	Unit
			181
19	C35 (35gta) + pic(150pta) LDPE None		864.7
20	C35 (35gta) + pic(150pta) LDPE Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a	1268.1
21	C35 (35gta) + pic(150pta) VIF None		1032.5
22	C35 (35gta) + pic(150pta) VIF Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a	1727.9
23	T2 (12 gta) + pic (150 lb) LDPE None		1029.3
24	T2 (12 gta) + pic (150 lb) LDPE Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a	1242.3
25	T2 (12 gta) + pic (150 lb) VIF None		1190.6
26	T2 (12 gta) + pic (150 lb) VIF Command Devrinol Dual Magnum	1 qt/a 3 lb/a 1.1 pt/a	1769.8
LSD (P=.05)			378.02
Standard Deviation			229.08
CV			20.72
Bartlett's X2			35.04
P(Bartlett's X2)			0.087

Means followed by same letter do not significantly differ

(P=.05, Duncan's New MRT)

Column 162: T28 = [C155]+[C160]+[C165]+[C170]

Trial Comments

GENERAL COMMENTS: Herbicides applied PRE after forming bed and just prior to laying plastic. Herbicides applied at 27.4 GPA. Fumigants applied with various pieces of equipment. KPAM applied to soil surface with spray boom and incorporated in 3-4 inches just prior to forming bed and laying plastic. Prebed treatments were applied with a Yetter rig, while in bed treatments were applied with the super bedder plastic layer. Inline applied through drip the day following the laying of plastic.

OBJECTIVE: Evaluate MeBr alternative fumigant systems for the control of nutsedge. Also evaluate injury when planting at 1 or 2 weeks after laying plastic on end of beds.

RESULTS and DISCUSSION:

NUTSEDGE CONTROL (Main effects were significant and are reported):

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Fumigants (data pooled over herbicides):

1. Nutsedge control (based on nutsedge population counts) was similar throughout the season with 400 lb of methyl bromide and the following alternatives:
 - a) Kpam + T2
 - b) C35 + pic on VIF or LDPE film
 - c) T2 + pic on VIF film only
2. Control by Inline was very poor.
3. Control by MIDAS was disappointing and rates need adjusting.
4. Visual estimates noted fumigants controlled yellow nutsedge more effectively than purple nutsedge at 7 weeks after treatment. By 11 WAT, yellow nutsedge was controlled 6 to 43% more effectively than purple nutsedge when comparing fumigants when pooled over herbicide systems. Averaging fumigants, control noted 22 to 23% better yellow nutsedge control compared to purple nutsedge by fumigants.
5. Visual nutsedge control estimates near harvest noted greatest control with MeBr, Midas 175 lb, C35 + pic with LDPE or VIF, and T2 + pic on VIF plastic.

Herbicide system (data pooled over over fumigants)

1. The herbicide system was extremely valuable increasing control at least 34% throughout the season (based on population counts).
2. Visual estimates of control noted the herbicide system improved yellow an purple nutsedge control 22% when compared to the no herbicide system.
3. Although the herbicide system improved control of both nutsedge species the same percentage compared to the no herbicide system, the overall control of yellow nutsedge was controlled 19 to 23% greater than that of purple nutsedge at 7 and 11 wks after treatment.

PEPPER HEIGHTS (Main effects were significant and are reported):

Fumigants (data pooled over herbicides)

1. Fumigants had little to no effect on plant height. There was a general trend for smaller plants with T2 + pic or C35 + pic on VIF film only.

Herbicides (data pooled over fumigants)

1. The herbicide system stunted growth 8 to 21% during early season. No stunting was noted by 60 days after transplanting.

PEPPER YIELDS (Main effects were significant and are reported):

Fumigants (data pooled over herbicides)

1. Jumbo boxes picked were similar with MeBr, Kpam + T2, C35+ pic on LDPE film, T2 + pic on VIF and LDPE film.
2. US No. 1 fruit box numbers were similar with all fumigant options.
3. US No. 2 fruit box numbers were similar with MeBr and all fumigant options except for less produced with the Inline VIF treatments.
4. Generally, the better plots had more culls which was a response to more fruit being produced.
5. Total fruit weights produced were similar with MeBr, MIDAS at 175 lb, T2 + pic on LDPE or VIF film, C35 + pic on VIF film. Yields less than methyl bromide were noted in the control treatments and when Inline, MIDAS (125 lb), and C35 + pic on LDPE film (dont understand this one) were applied.

Herbicide system (data pooled over fumigants)

1. Jumbo boxes picked were not affected.
2. Herbicide system increased number of US No. 1 boxes harvested by 76%.
3. Herbicide system increased number of US No. 2 boxes harvested by 48%.
4. Herbicide system did not affect number or weights of culls.
5. Herbicide system increased total number of boxes harvested by 38%.

CONCLUSIONS:

1. Additional studies need to focus on fumigating followed by hole punching at 1 wk after fumigating and then planting squash at various intervals. We have got to figure out how to get control and plant within 10 days of laying plastic.
2. Based on this and last years trials, VIF film may be useless in the spring but very beneficial in the fall.
3. Drop Inline and low rates of MIDAS from future fumigant trials.

ADDITIONAL STUDY IMPOSED ON TEST AREA

Plant Phytotoxicity Rating (scale 1= dead plant to 10 = healthy plant)

1. Plastic laid and fumigants were put out on July 15 and 16 (Inline).
2. 4 transplants of roma tomato, bell pepper, eggplant, and yellow squash were planted across the end of the beds not treated with herbicide on July 22.
3. Holes were punched and planted at the same time.
4. On July 25, severe injury was detected on squash with C35 + Chloropicrin and T2 with Chloropicrin. Additionally, 20% squash injury was noted with MeBr likely because of the 33% Chloropicrin.
- 5) On July 29 which was 7 d after planting, tomato injury was 20% with T2 + pic. No other treatment caused significant injury.
- 6) On July 29, eggplant injury was severe with C35 + pic, T2 + pic on VIF film only, and Inline on LDPE film (no clue with this one).
- 7) On July 29, pepper injury was severe with C35 + pic or T2 + pic when using VIF film. Injury was much less with these treatments under LDPE film. Again the Inline on LDPE film also was injurious.

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8) On July 29, squash injury was severe with C35 + pic or T2 + pic on VIF or LDPE film. Injury was also severe with the 400 lb/A rate of MeBr 67:33.
9) Squash is clearly the best indicator if fumigants are still present in the soil.