



2011 Bell Peppers on Plastic Budget
Fumigant – 1,3-Dichloropropene plus Chloropicrin (Telone)
Mulch – High Barrier Silver on Black Metalized Mulch (VIF-D)

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Table 1. Yields and prices of producing bell peppers with 1,3-dichloropropene plus chloropicrin on high barrier silver on black metalized mulch (VIF-D) in Georgia.

	BEST	OPTIMISTIC	MEDIAN	PESSIMISTIC	WORST
Yield (cartons)	1525	1384	1242.25	1100.68	959
Price per carton	16.00	14.00	12.00	10.00	8.00

Table 2. Pre-harvesting variable cost of producing bell peppers with 1,3-dichloropropene plus chloropicrin on high barrier silver on black metalized mulch (VIF-D) in Georgia.

Item	Unit	Quantity	Price	Amt/acre	Yours
Plants	Thousand	7.50	\$29.50	\$221.25	
Lime, applied	Ton	1.00	\$28.50	\$28.50	
Base Fertilizer	lbs.	12.00	\$26.41	\$316.88	
Sidedress Fertilizer (soluble)	Gal.	60.00	\$2.82	\$169.37	
Insecticide	Acre	1.00	\$240.16	\$240.16	
Fungicide	Acre	1.00	\$349.02	\$349.02	
Nematicide	Acre	1.00	\$822.88	\$822.88	
Herbicide	Acre	1.00	\$111.68	\$111.68	
Plastic	Roll	2.80	\$68.50	\$191.80	
Plastic Removal	Acre	1.00	\$75.00	\$75.00	
Drip Tape	Ft	8700.00	\$0.02	\$174.00	
Fumigation and Mulching	Acre	1.00	\$1,142.70	\$1,142.70	
Machinery	Hr.	5.00	\$21.00	\$105.00	
Transplant Labor	Hr.	20.00	\$7.00	\$140.00	
Labor	Hr.	33.00	\$6.00	\$198.00	
Land rent	Acre	1.00	\$110.00	\$110.00	
Irrigation (Mach + Labor)	Acre	1.00	\$65.08	\$65.08	
Interest on Oper. Cap.	\$	4461.31	\$0.07	\$156.15	
Pre-Harvest Variable Costs				\$4,617.46	

Table 3. Harvesting and marketing costs of producing bell peppers with 1,3-dichloropropene plus chloropicrin on high barrier silver on black metalized mulch (VIF-D) in Georgia.

Item	Unit	Quantity	Price	Amt/acre	Yours
Picking and hauling	Ctn.	1242	\$0.85	\$1,055.91	
Grading and packing	Ctn.	1242	\$1.10	\$1,366.48	
Container	Ctn.	1242	\$0.75	\$931.69	
Marketing 8.50 % GROSS	Ctn.	1242	\$1.02	\$1,267.10	
Total Harvest and Marketing			\$3.72	\$4,621.17	
Total Variable Costs					
				\$9,238.63	

Table 4. Fixed costs of producing bell peppers with 1,3-dichloropropene plus chloropicrin on high barrier silver on black metalized mulch (VIF-D) in Georgia.

Item	Unit	Quantity	Price	Amt/acre	Yours
Machinery	Acre	1.00	\$53.59	\$53.59	
Irrigation	Acre	1.00	\$220.65	\$220.65	
Land	Acre	1.00	\$0.00	\$0.00	
Overhead and Management	\$	4617.46	\$0.15	\$692.62	
Total Fixed Costs				\$966.86	
Total budgeted cost per acre					
				\$10,205.49	

Table 5. Risk-rated returns over total costs of producing bell peppers with 1,3-dichloropropene plus chloropicrin on high barrier silver on black metalized mulch (VIF-D) in Georgia.

Description	Optimistic			Expected	Pessimistic		
Returns(\$)	8,822	7,449	6,075	4,702	3,328	1,954	581
Chances	7%	16%	31%	50%			
Chances				50%	31%	16%	7%
CHANCES FOR PROFIT							
	96%	BASE BUDGETED NET REVENUE			4,702		

Acknowledgment

This project was supported by CSREES Grant entitled "Assisting Vegetable Growers in the adoption of methyl bromide alternatives for weeds, diseases, and nematodes", 2006-2009.