



2011 Bell Peppers on Plastic Budget

Fumigant – Methyl Iodide plus Chloropicrin (MIDAS)

Mulch – Traditional Low Density Black on Black Polyethylene Mulch (LDPE), 1.25 mil

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Table 1. Yields and prices of producing bell peppers with methyl iodide plus chloropicrin on traditional low density black on black polyethylene mulch (LDPE) in Georgia.

	BEST	OPTIMISTIC	MEDIAN	PESSIMISTIC	WORST
Yield (cartons)	1862	1670	1478.01	1285.93	1094
Price per carton	16.00	14.00	12.00	10.00	8.00

Table 2. Pre-harvesting variable cost of producing bell peppers with methyl iodide plus chloropicrin on traditional low density black on black polyethylene mulch (LDPE) 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	\$4,305.80	\$4,305.80	
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.	\$	7624.41	\$0.07	\$266.85	
Pre-Harvest Variable Costs				\$7,891.27	

Table 3. Harvesting and marketing costs of producing bell peppers with methyl iodide plus chloropicrin on traditional low density black on black polyethylene mulch (LDPE) in Georgia.

Item	Unit	Quantity	Price	Amt/acre	Yours
Picking and hauling	Ctn.	1478	\$0.85	\$1,256.31	
Grading and packing	Ctn.	1478	\$1.10	\$1,625.81	
Container	Ctn.	1478	\$0.75	\$1,108.50	
Marketing 8.50 % GROSS	Ctn.	1478	\$1.02	\$1,507.57	
Total Harvest and Marketing			\$3.72	\$5,498.18	
Total Variable Costs				\$13,389.45	

Table 4. Fixed costs of producing bell peppers with methyl iodide plus chloropicrin on traditional low density black on black polyethylene mulch (LDPE) 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	\$	7891.27	\$0.15	\$1,183.69	
Total Fixed Costs				\$1,457.93	
Total budgeted cost per acre				\$14,847.38	

Table 5. Risk-rated returns over total costs of producing bell peppers with methyl iodide plus chloropicrin on traditional low density black on black polyethylene mulch (LDPE) in Georgia.

Description	Optimistic			Expected	Pessimistic		
Returns(\$)	7,924	6,245	4,567	2,889	1,210	-468	-2,146
Chances	7%	16%	31%	50%			
Chances				50%	31%	16%	7%
CHANCES FOR PROFIT	81%	BASE BUDGETED NET REVENUE			2,889		

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