



## **2011 Bell Peppers on Plastic Budget**

**Fumigant – 1,3-Dichloropropene plus Chloropicrin and Metam Sodium (Telone with Vapam)  
Mulch – High Barrier Black on Black Blockade Mulch (Smooth)**

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**Table 1.** Yields and prices of producing bell peppers with 1,3-dichloropropene plus chloropicrin and metam sodium on high barrier black on black blockade mulch (Smooth) in Georgia.

|                  | <b>BEST</b> | <b>OPTIMISTIC</b> | <b>MEDIAN</b> | <b>PESSIMISTIC</b> | <b>WORST</b> |
|------------------|-------------|-------------------|---------------|--------------------|--------------|
| Yield (cartons)  | 1826        | 1639              | 1453.17       | 1266.90            | 1081         |
| 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 and metam sodium on high barrier black on black blockade mulch (Smooth) in Georgia.

| <b>Item</b>                       | <b>Unit</b> | <b>Quantity</b> | <b>Price</b> | <b>Amt/acre</b>   | <b>Yours</b> |
|-----------------------------------|-------------|-----------------|--------------|-------------------|--------------|
| 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            | \$1,556.50   | \$1,556.50        |              |
| 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.            | \$          | 4875.11         | \$0.07       | \$170.63          |              |
| <b>Pre-Harvest Variable Costs</b> |             |                 |              | <b>\$5,045.74</b> |              |

**Table 3.** Harvesting and marketing costs of producing bell peppers with 1,3-dichloropropene plus chloropicrin and metam sodium on high barrier black on black blockade mulch (Smooth) in Georgia.

| Item                               | Unit | Quantity | Price         | Amt/acre           | Yours |
|------------------------------------|------|----------|---------------|--------------------|-------|
| Picking and hauling                | Ctn. | 1453     | \$0.85        | \$1,235.19         |       |
| Grading and packing                | Ctn. | 1453     | \$1.10        | \$1,598.48         |       |
| Container                          | Ctn. | 1453     | \$0.75        | \$1,089.88         |       |
| Marketing 8.50 % GROSS             | Ctn. | 1453     | \$1.02        | \$1,482.23         |       |
| <b>Total Harvest and Marketing</b> |      |          | <b>\$3.72</b> | <b>\$5,405.78</b>  |       |
| <b>Total Variable Costs</b>        |      |          |               |                    |       |
|                                    |      |          |               | <b>\$10,451.52</b> |       |

**Table 4.** Fixed costs of producing bell peppers with 1,3-dichloropropene plus chloropicrin and metam sodium on high barrier black on black blockade mulch (Smooth) 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             | \$   | 5045.74  | \$0.15   | \$756.86           |       |
| <b>Total Fixed Costs</b>            |      |          |          | <b>\$1,031.10</b>  |       |
| <b>Total budgeted cost per acre</b> |      |          |          |                    |       |
|                                     |      |          |          | <b>\$11,482.63</b> |       |

**Table 5.** Risk-rated returns over total costs of producing bell peppers with 1,3-dichloropropene plus chloropicrin and metam sodium on high barrier black on black blockade mulch (Smooth) in Georgia.

| Description               | Optimistic |                                  |       | Expected | Pessimistic |              |       |
|---------------------------|------------|----------------------------------|-------|----------|-------------|--------------|-------|
| Returns(\$)               | 10,891     | 9,246                            | 7,600 | 5,955    | 4,310       | 2,665        | 1,020 |
| Chances                   | 7%         | 16%                              | 31%   | 50%      |             |              |       |
| Chances                   |            |                                  |       | 50%      | 31%         | 16%          | 7%    |
| <b>CHANCES FOR PROFIT</b> |            |                                  |       |          |             |              |       |
|                           | <b>96%</b> | <b>BASE BUDGETED NET REVENUE</b> |       |          |             | <b>5,955</b> |       |

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