

2011 Cantaloupe Budget on Narrow Plastic, Sprinkler irrigated

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Table 1: Yields and Prices of producing cantaloupe on narrow plastic and sprinkler irrigation in Georgia.

| Items | Best | Optimistic | Median | Pessimistic | Worst |
|--------------|------|------------|--------|-------------|-------|
| Yield (each) | 7000 | 6500 | 6000 | 5000 | 3000 |
| Price (each) | 1.20 | 1.10 | 1.00 | 0.75 | 0.50 |

Table 2: Pre-harvesting cost of producing cantaloupe in Georgia, 2011

| Item | Unit | Quantity | Price | \$Amount /Acre | Your Cost |
|-----------------------------------|-------|----------|--------|-----------------|-----------|
| Plastic (Narrow 6' bed) | Roll | 1.20 | 120.00 | 144.00 | |
| Seed or Plants | Thou | 5000.00 | 0.07 | 350.00 | |
| Lime, applied | Ton | 0.50 | 32.00 | 16.00 | |
| Fertilizer (+ side dressing) | Acre | 1.00 | 400.00 | 400.00 | |
| Insecticide | Appl. | 4.00 | 6.00 | 24.00 | |
| Fungicide (foliar) | Appl. | 8.00 | 12.00 | 96.00 | |
| Nematicide | Acre | 1.00 | 100.00 | 100.00 | |
| Herbicide | Acre | 1.00 | 20.00 | 20.00 | |
| Machinery (gas, lub & maint.) | Acre | 12.00 | 20.00 | 240.00 | |
| Labor | Acre | 15.00 | 9.00 | 135.00 | |
| Pollination (bee hive) | Acre | 1.00 | 50.00 | 50.00 | |
| Irrigation | Appl. | 10.00 | 15.80 | 158.03 | |
| Interest on Operation Capital | \$ | 1,733.03 | 0.07 | 60.66 | |
| Pre-Harvest Variable Costs | | | | 1,793.68 | |

Table 2: Harvesting and Marketing Cost of producing cantaloupe in Georgia

| Items | Unit | Quantity | Price | \$Amt/ Acre | Your Costs |
|----------------------------------|------|----------|-------|-----------------|------------|
| Harvest and Hauling | Acre | 6000.00 | 0.11 | 660.00 | |
| Packing | Acre | 6000.00 | 0.35 | 2100.00 | |
| Total Harvest and Marketing | | | | 2760.00 | |
| Total Variable Costs (\$) | | | | 4,553.68 | |

Table 3: Fixed Costs of producing cantaloupe in Georgia

| Items | Unit | Quantity | Price | \$Amt/ Acre | Your Costs |
|---|------|----------|--------|----------------|------------|
| Machinery | Acre | 1.00 | 44.20 | 44.20 | |
| Irrigation | Acre | 1.00 | 217.55 | 217.55 | |
| Overhead and Management | \$ | 1,793.68 | 0.15 | 269.05 | |
| Total Fixed Outlays | | | | 530.80 | |
| Total budgeted cost per acre^a | | | | 5084.49 | |

^aTotal budgeted cost excludes land rent which ranges from \$100 - \$200/acre.

Table 4: Risk-rated returns over total costs of producing cantaloupe in Georgia

| Description | Best | Optimistic | Expected | Pessimistic | Worst | | |
|---------------------------|------------|------------|----------------------------------|-------------|-------|--------------|--------|
| Returns (\$) | 1,737 | 1,267 | 796 | 326 | -305 | -935 | -1,566 |
| Chances (%) | 5% | 16% | 35% | 54% | | | |
| Chances (%) | | | | 46% | 28% | 16% | 8% |
| Chances For Profit | 64% | | Base Budgeted Net Revenue | | | \$916 | |

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