



Southeast - Canteloupes (Drip Irrigation)

2015

Estimated Production Costs & Returns

| GROSS RECEIPTS FROM PRODUCTION | | | | | | |
|---------------------------------------|------|---------|-------|-----------------|----------|------------|
| GROSS RECEIPTS | UNIT | PRICE | YIELD | PER ACRE | PER SACK | YOUR FARM |
| Melons (40 lbs per box) | box | \$16.50 | 800 | \$13,200 | \$16.50 | |
| Total Receipts | | | | \$13,200 | | \$0 |

DIRECT COSTS

| | UNIT | COST PER UNIT | QUANTITY | PER ACRE | PER SACK | YOUR FARM |
|---|---------|---------------|----------|--------------------|----------------|---------------|
| OPERATING PREHARVEST | | | | | | |
| Tillage | | | | | | |
| Rotary | acre | 13.00 | 2 | 26.00 | 0.03 | |
| Bed Shaper | acre | 10.00 | 3 | 30.00 | 0.04 | |
| Planting | | | | | | |
| Plastic | acre | 115.00 | 1 | 115.00 | 0.14 | |
| Laying Plastic | acre | 25.00 | 1 | 25.00 | 0.03 | |
| Seed | acre | 280.00 | 1 | 280.00 | 0.35 | |
| Custom Planting | acre | 12.00 | 1 | 12.00 | 0.02 | |
| Fertilizer | | | | | | |
| 11-52-0 + urea | acre | 65.00 | 1 | 65.00 | 0.08 | |
| Application | acre | 10.00 | 1 | 10.00 | 0.01 | |
| Herbicide | | | | | | |
| "Sandia" | acre | 15.00 | 1 | 15.00 | 0.02 | |
| Application | dollars | 10.00 | 1 | 10.00 | 0.01 | |
| Insecticide & Fungicide | | | | | | |
| Chemical | acre | 20.00 | 3 | 60.00 | 0.08 | |
| Application | acre | 6.00 | 3 | 18.00 | 0.02 | |
| Chemical | acre | 25.00 | 3 | 75.00 | 0.09 | |
| Application | acre | 6.00 | 3 | 18.00 | 0.02 | |
| Irrigation | | | | | | |
| Water Assessment (surface) | dollars | 7.52 | 1 | 7.52 | 0.01 | |
| Labor (7 irrigations) | dollars | 10.00 | 7 | 70.00 | 0.09 | |
| Crop Insurance (NAP) | dollars | 5.00 | 1 | 5.00 | 0.01 | |
| Labor (hoeing) | acre | 30.00 | 2 | 60.00 | 0.08 | |
| Fuel | dollars | 0.00 | 1 | 0.00 | 0.00 | |
| Repairs & Maintenance | dollars | 0.00 | 1 | 0.00 | 0.00 | |
| Interest (6 months @ 6.0%) | dollars | 19.94 | 1 | 19.94 | 0.02 | |
| Total Pre-Harvest Expenses | | | | \$921.45 | \$1.15 | \$0.00 |
| HARVEST COSTS | | | | | | |
| Hand Harvest (120 hrs/ac) | acre | 10.00 | 120 | 1,200.00 | 1.50 | |
| Hauling | dollars | 25.00 | 1 | 25.00 | 0.03 | |
| Total Harvest Costs | | | | \$1,225.00 | \$1.53 | \$0.00 |
| Total Operating Costs | | | | \$2,146.45 | \$2.68 | \$0.00 |
| PROPERTY & OWNERSHIP COSTS | | | | | | |
| General Farm Overhead | dollars | 65.00 | 1 | 65.00 | 0.08 | |
| Depreciation | dollars | 20.00 | 1 | 20.00 | 0.03 | |
| Real Estate Taxes | dollars | 23.00 | 1 | 23.00 | 0.03 | |
| Total Property & Ownership Costs | | | | \$108.00 | \$0.14 | \$0.00 |
| TOTAL DIRECT COSTS | | | | \$2,254.45 | \$2.82 | \$0.00 |
| NET RECEIPTS BEFORE FACTOR PAYMENTS | | | | \$10,945.55 | \$13.68 | \$0.00 |
| FACTOR PAYMENTS | | | | | | |
| Land (\$5,000 @ 4%) | | | | 200.00 | 0.25 | |
| RETURN TO MANAGEMENT & RISK | | | | \$10,745.55 | \$13.43 | \$0.00 |

BREAK-EVEN ANALYSIS - PER ACRE RETURNS OVER TOTAL DIRECT COSTS (\$/ACRE)

| | | ALTERNATIVE PRICES (\$/sack) | | | | |
|--------------------|--------|------------------------------|-------------|-------------|-------------|-------------|
| | | -25% | -10% | 10% | 25% | |
| ALTERNATIVE YIELDS | | \$12.38 | \$14.85 | \$16.50 | \$18.15 | \$20.63 |
| -25% | 600.00 | \$5,170.55 | \$6,655.55 | \$7,645.55 | \$8,635.55 | \$10,120.55 |
| -10% | 720.00 | \$6,655.55 | \$8,437.55 | \$9,625.55 | \$10,813.55 | \$12,595.55 |
| SACKS PER ACRE | 800.00 | \$7,645.55 | \$9,625.55 | \$10,945.55 | \$12,265.55 | \$14,245.55 |
| | 10% | \$8,635.55 | \$10,813.55 | \$12,265.55 | \$13,717.55 | \$15,895.55 |
| | 25% | \$10,120.55 | \$12,595.55 | \$14,245.55 | \$15,895.55 | \$18,370.55 |