## REVENUE

<table>
<thead>
<tr>
<th>Crop</th>
<th>Acres</th>
<th>Quantity</th>
<th>Units</th>
<th>$/Unit</th>
<th>Total</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Watermelon, seedless</td>
<td>450.00</td>
<td>CWT</td>
<td>$15.00</td>
<td>$6,750.00</td>
<td>$270,000.00</td>
<td></td>
</tr>
</tbody>
</table>

## VARIABLE COSTS

### Production Costs

- **Seed**
  - Hybrid Watermelon Seed: 0.18 Pound, $170.00
  - Watermelon Seedlings: 12 Thousand, $80.00

- **Fertilizer**
  - Phosphorus (46% P2O5): 1.3 CWT, $29.30
  - UAN (32% N): 0.6 CWT, $25.27
  - UAN (32% N): 0.4 CWT, $25.27

- **Herbicide**
  - Trifluralin 4EC: 2.75 Pint, $8.99

- **Insecticide**
  - Thiodan 3 EC: 1 Quart, $8.92

- **Fungicides**
  - Bravo Ultrex: 0.5 Quart, $10.96
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  - Quadris: 16 Ounce, $2.47
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- **Miscellaneous**
  - DripTape (2 seasons): 6550 Foot, $0.01
  - Plastic Mulch, 3x4K': 0.61 Roll, $68.00
  - Sulfuric Acid: 8 Ounce, $0.01
  - Sulfuric Acid: 4 Ounce, $0.01
  - Sulfuric Acid: 6 Ounce, $0.01
  - Sulfuric Acid: 3 Ounce, $0.01
  - Sulfuric Acid: 5 Ounce, $0.01

- **Custom**
  - Bee Rental: 1 Hive, $85.00

### Irrigation

- **Irrigation Labor**
  - Transplant Melons: 8 Hour, $9.00
  - Harvest and Sell Watermelons: 450 CWT, $3.30

### Other Labor

- **Transplant Melons**
  - 8 Hour, $9.00

### Machinery Labor

- **Tractors/Self-Propelled**
  - 1.59 Hour, $9.00

### Diesel Fuel

- **Drip Trailer System**
  - 1 Acre, $382.20
  - Tractors/Self-Propelled: 8.26 Gallon, $3.25

### Repairs & Maintenance

- **Drip Trailer System**
  - $787.50 Dollars, 9.00%
  - Tractors/Self-Propelled: $137.50 Dollars, 9.00%
  - Implements: $59.80 Dollars, 9.00%

### Interest on Credit Line

- 9.00%, $50.20

## Total Variable Costs

| Total | $3,485.02 | $139,401.00 |

## Planned Returns Above Variable Costs:

| Total | $3,264.98 | $130,599.00 |

## Breakeven Price to Cover Variable Costs

| Total | $7.74 | CWT |

## FIXED COSTS

### Machinery Depreciation

- **Drip Trailer System**
  - 1 Acre, $47.25

### Equipment Investment

- **Drip Trailer System**
  - $787.50 Dollars, 9.00%
  - Tractors/Self-Propelled: $137.50 Dollars, 9.00%
  - Implements: $59.80 Dollars, 9.00%

### Cash Rent, Irrigated Vegetables

- 1 Acre, $110.00

## Total Fixed Costs

| Total | $284.83 | $11,393.25 |

## Total Specified Costs

| Total | $3,769.86 | $150,794.25 |

## Returns Above Specified Costs

| Total | $2,980.14 | $119,205.75 |

## Breakeven Price to Cover Total Costs

| Total | $8.38 | CWT |

## Example Breakeven Prices

<table>
<thead>
<tr>
<th>Example Yield</th>
<th>Example Yield</th>
<th>Price Needed to Cover Example Variable Costs</th>
<th>Price Needed to Cover Example Total Costs</th>
</tr>
</thead>
<tbody>
<tr>
<td>75%</td>
<td>537.50</td>
<td>$10.33, $16.33, $11.17, $11.17, $0.00</td>
<td></td>
</tr>
<tr>
<td>90%</td>
<td>450.00</td>
<td>$8.60, $8.60, $9.31, $9.31, $0.00</td>
<td></td>
</tr>
<tr>
<td>100%</td>
<td>450.00</td>
<td>$7.74, $7.74, $8.38, $8.38, $0.00</td>
<td></td>
</tr>
<tr>
<td>110%</td>
<td>495.00</td>
<td>$7.04, $7.04, $7.62, $7.62, $0.00</td>
<td></td>
</tr>
<tr>
<td>125%</td>
<td>562.50</td>
<td>$6.20, $6.20, $6.70, $6.70, $0.00</td>
<td></td>
</tr>
</tbody>
</table>

Developed by Luis Ribera, Associate Professor and Extension Economist, Texas A&M AgriLife Extension.

Information presented is prepared solely as a general guide and not intended to recognize or predict the costs and returns from any one operation. Brand names are mentioned only as examples and imply no endorsement.