### 2014 Estimated Costs and Returns per Acre

**Honeydew, Plastic Mulch, Drip Irrigated, Rio Grande Valley** - 40 Acres

#### South Extension District - 12

<table>
<thead>
<tr>
<th>Crop Acres</th>
<th>Enterprise</th>
</tr>
</thead>
<tbody>
<tr>
<td>40</td>
<td></td>
</tr>
</tbody>
</table>

#### Output

| Honeydew | $800.00 | 40 Carton | $8.00 | $3,200.00 | 256,000.00 |

#### Variable Costs

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Units</th>
<th>$/Unit</th>
<th>Total</th>
</tr>
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</table>

**Production Costs**

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
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</table>

**Seed**

- Honeydew Seeds: 0.63, 13
- Honeydew Seedlings: $60.00, $33.50

**Fertilizer**

- Phosphorus (46% P2O5): 1.5, 259.3
- UAN (32% N): 3.38, 80.6
- UAN (32% N): 1.36

**Herbicide**

- Preferr 4E: 0.31, 5.91

**Insecticide**

- Admire: 0.125, 5.79
- Thiodan 3 EC: 1, 3.82

**Fungicide**

- Bravo Ultra: 0.5, 10.96
- Bravo Ultra: 0.5

**Miscellaneous**

- DripTape (2 seasons): 650
- Plastic Mulch, 3x4K': 0.61
- Sulphuric Acid: 7
- Sulphuric Acid: 4
- Sulphuric Acid: 6
- Sulphuric Acid: 3
- Sulphuric Acid: 3
- Sulphuric Acid: 1
- Sulphuric Acid: 1
- Sulphuric Acid: 1

**Custom**

- Bee Rental: 1
- Harvest Honey: 100
- Pack and Count Honey: 200
- Sales Commission Honey: 200
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- Harvest Honey: 200
- Pack and Count Honey: 200
- Sales Commission Honey: 200
- Harvest Honey: 200
- Pack and Count Honey: 200
- Sales Commission Honey: 100
- Harvest Honey: 100
- Pack and Count Honey: 100
- Sales Commission Honey: 100

**Irrigation**

- Energy or Water Cost: 1.18
- Irrigation Labor: 0.2, 0.2

**Other Labor**

- Unallocated Labor: 0.6929
- Transplant Melons: 0.15
- Plastic Mulch: 0.08

**Machinery Labor**

- Tractors/Self-Propelled: 1.59

**Diesel Fuel**

- Drip Trailer System: 1
- Tractors/Self-Propelled: 0.01

**Repairs & Maintenance**

- Drip Trailer System: 1
- Tractors/Self-Propelled: 1

**Interest on Credit Line**

- 9.00%

**Total Variable Costs**

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<tr>
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**Total Fixed Costs**

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**Total Variable Costs**

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**Total Specified Costs**

<table>
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<tr>
<th>Quantity</th>
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**Net Returns Above Specified Costs**

<table>
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<tr>
<th>Quantity</th>
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**Break-even Price to Cover Total Costs**

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**Example Breakeven Prices**

<table>
<thead>
<tr>
<th>Yield</th>
<th>Example Yield</th>
<th>Example Price Needed to Cover Variable Costs</th>
<th>Example Price Needed to Cover Total Costs</th>
</tr>
</thead>
<tbody>
<tr>
<td>75%</td>
<td>600.00</td>
<td>$6.72</td>
<td>$11.66</td>
</tr>
<tr>
<td>90%</td>
<td>700.00</td>
<td>$7.27</td>
<td>$13.07</td>
</tr>
<tr>
<td>100%</td>
<td>800.00</td>
<td>$7.82</td>
<td>$15.63</td>
</tr>
<tr>
<td>112%</td>
<td>900.00</td>
<td>$8.33</td>
<td>$16.66</td>
</tr>
<tr>
<td>125%</td>
<td>1000.00</td>
<td>$8.87</td>
<td>$17.74</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.