# Red Chile Peppers, Dell City, Center Pivot Irrigated - 122 Acres

## Crop Acres

<table>
<thead>
<tr>
<th>REVENUE</th>
<th>Quantity</th>
<th>Units</th>
<th>$/Unit</th>
<th>Total</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Red Chiles</td>
<td>4,000.00</td>
<td>Pound</td>
<td>$0.98</td>
<td>$3,920.00</td>
<td>$478,240.00</td>
</tr>
</tbody>
</table>

Total Revenue

### Variable Costs

<table>
<thead>
<tr>
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<th>Total</th>
<th>Total</th>
</tr>
</thead>
</table>
| Production Costs

- **Fertilizer**
  - Urea, Solid (46% N)
    - 1.97 CWT: $19.75 x 38.91 = $742.80
  - Fertilizer 18-46-0
    - 228 Pound: $0.27 x 61.60 = $13.81
  - Fertilizer 0-0-22 Kmag
    - 567 Pound: $0.22 x 124.34 = $138.12

- **Herbicide**
  - Trifluralin
    - 3 Pint: $3.13 x 9.38 = $28.19

- **Seed**
  - Red Chile Seed Treated
    - 10 Pound: $30.00 x 360.00 = $36,600.00

- **Fungicides**
  - Quadris
    - 16 Ounce: $3.13 x 938.00 = $993.44
  - Seed
    - 10 Pound: $30.00 x 360.00 = $36,600.00

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### Fixed Costs

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<th>Total</th>
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</table>
| Machinery Depreciation

- **Pickup/General Use Equipment**
  - 1 Acre: $6.43 x 784.80 = $4,966.59

- **Irrigation Equipment**
  - 1 Acre: $45.37 x 5,535.60 = $249,267.64

- **Tractors/Self-Propelled**
  - 1 Acre: $69.05 x 8,424.50 = $587,008.75

- **Implements**
  - 1 Acre: $21.65 x 2,641.22 = $56,775.00

- **Interest on Credit Line**
  - 6.50%: $25.79 x 199.27 = $4,974.96

- **Trans Pecos Irrigated Land**
  - 1 Acre: $40.00 x 4,880.00 = $195,200.00

Break-even Price to Cover Total Costs

<table>
<thead>
<tr>
<th>Yield</th>
<th>To Cover Variable Costs</th>
<th>Total Costs</th>
</tr>
</thead>
<tbody>
<tr>
<td>75%</td>
<td>$0.26</td>
<td>$0.35</td>
</tr>
<tr>
<td>90%</td>
<td>$0.20</td>
<td>$0.29</td>
</tr>
<tr>
<td>100%</td>
<td>$0.20</td>
<td>$0.26</td>
</tr>
<tr>
<td>110%</td>
<td>$0.18</td>
<td>$0.24</td>
</tr>
<tr>
<td>125%</td>
<td>$0.16</td>
<td>$0.21</td>
</tr>
</tbody>
</table>

Developed by Bill Thompson, Assistant Professor and Extension Economist, Texas A&M AgriLife Extension Service.