### Crop Acres

<table>
<thead>
<tr>
<th>REVENUE (Confectionary Sunflowers)</th>
<th>Quantity</th>
<th>Units</th>
<th>$/Unit</th>
<th>Total</th>
<th>Enterprise Total</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>18.00</td>
<td>CWT</td>
<td>$24.25</td>
<td>$436.50</td>
<td>$53,253.00</td>
</tr>
</tbody>
</table>

**Total Revenue:** $436.50 | $53,253.00

### VARIABLE COSTS

#### Production Costs

- **Seed**
  - Seed - Confectionary Sunflower
    - 1 Acre: $34.00
  - Fertilizer (N) - Liquid
    - 20 Pound: $0.64
  - Fertilizer (P) - Liquid
    - 24 Pound: $0.79
  - Fertilizer (N) - Liquid
    - 50 Pound: $0.64

- **Herbicide**
  - Glyphosate
    - 1 Acre: $4.33
  - Glyphosate
    - 1 Acre: $4.33
  - 2-4D
    - 1 Acre: $2.38
  - Glyphosate
    - 1 Acre: $4.33

- **Insecticide**
  - Seed Insecticide - Sunflower Confect
    - 1 Acre: $4.91
  - Ammo
    - 1 Acre: $3.41

- **Miscellaneous**
  - Crop Insurance Sunflowers - Irrig
    - 1 Acre: $12.67
  - Tractors/Self-Propelled
    - 0.39 Hour: $11.75
  - Energy or Water Cost
    - 7.00 AcreInch: $4.40
  - Irrigation Labor
    - 0.45 Hour: $11.75
  - Machinery Labor
    - Tractors/Self-Propelled
      - 0.39 Hour: $11.75
  - Diesel Fuel
    - Tractors/Self-Propelled
      - 1.56 Gallon: $3.28
  - Gasoline
    - Pickup/General Use Equipment
      - 1 Acre: $14.65
  - Repairs & Maintenance
    - Pickup/General Use Equipment
      - 1 Acre: $5.52
    - Irrigation Equipment
      - 1 Acre: $28.28
    - Tractors/Self-Propelled
      - 1 Acre: $5.20
    - Implements
      - 1 Acre: $4.26
  - Interest on Credit Line
    - 4.75%: $6.41

**Total Variable Costs:** $305.77 | $37,304.27

#### Fixed Costs

- **Machinery Depreciation**
  - Pickup/General Use Equipment
    - 1 Acre: $5.79
  - Irrigation Equipment
    - 1 Acre: $22.50
  - Tractors/Self-Propelled
    - 1 Acre: $5.38
  - Implements
    - 1 Acre: $5.48

- **Equipment Investment**
  - Pickup/General Use Equipment
    - $68.98: Dollars 5.25% $3.62
  - Irrigation Equipment
    - $703.28: Dollars 5.25% $36.92
  - Tractors/Self-Propelled
    - $60.70: Dollars 5.25% $3.19
  - Implements
    - $42.60: Dollars 5.25% $2.24

- **Cash Rent - Sunflowers Irrigated**
  - 1 Acre: $85.00

**Total Fixed Costs:** $170.12 | $20,754.54

**Total Specified Costs:** $475.89 | $58,058.81

**Planned Returns Above Variable Costs:** $130.73 | $15,948.73

**Break-even Price to Cover Variable Costs:** $16.99 CWT

<table>
<thead>
<tr>
<th>FIXED COSTS (Example)</th>
<th>Quantity</th>
<th>Units</th>
<th>$/Unit</th>
<th>Total</th>
<th>Enterprise Total</th>
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</thead>
<tbody>
<tr>
<td>Machinery Depreciation</td>
<td>1 Acre</td>
<td>$5.79</td>
<td>$5.79</td>
<td>$766.86</td>
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<tr>
<td>Irrigation Equipment</td>
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<td>$22.50</td>
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<td>$2,745.60</td>
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<tr>
<td>Tractors/Self-Propelled</td>
<td>1 Acre</td>
<td>$5.38</td>
<td>$5.38</td>
<td>$655.88</td>
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<tr>
<td>Implements</td>
<td>1 Acre</td>
<td>$5.48</td>
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<tr>
<td>Equipment Investment</td>
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<td>Dollars 5.25% $3.62</td>
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<td>Irrigation Equipment</td>
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<td>Dollars 5.25% $36.92</td>
<td>$4,504.50</td>
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<tr>
<td>Tractors/Self-Propelled</td>
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<td>$388.77</td>
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<tr>
<td>Implements</td>
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<td>Dollars 5.25% $2.24</td>
<td>$272.88</td>
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<tr>
<td>Cash Rent - Sunflowers Irrigated</td>
<td>1 Acre</td>
<td>$85.00</td>
<td>$85.00</td>
<td>$10,370.00</td>
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</table>

**Total Fixed Costs:** $170.12 | $20,754.54

**Total Specified Costs:** $475.89 | $58,058.81

**Returns Above Specified Costs:** ($39.39) | ($4,805.81)

**Break-even Price to Cover Total Costs:** $26.44 CWT

### Example Breakeven Prices

<table>
<thead>
<tr>
<th>Example Breakeven Prices</th>
<th>Yield Percent</th>
<th>Yield CWT</th>
<th>Price Needed to Cover Example Variable Costs</th>
<th>Price Needed to Cover Example Total Costs</th>
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</thead>
<tbody>
<tr>
<td>-example</td>
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<td></td>
<td>Own/Rent ShareTenant Own/Rent ShareTenant Landlord</td>
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<tr>
<td>75%</td>
<td>15.00</td>
<td>$22.65</td>
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<tr>
<td>90%</td>
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<tr>
<td>100%</td>
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<tr>
<td>110%</td>
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<td>$15.44</td>
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<tr>
<td>125%</td>
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<td>$13.59</td>
<td>$13.59 $21.15 $21.15 $0.00</td>
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</tbody>
</table>

Developed by Steve Amosson, Regents Fellow, 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.