**2016 Estimated Costs and Returns per Acre**

**Oilseed Sunflowers, Sprinkler Irrigated, Strip Tillage** - 122 Acres

Panhandle Extension District - 1

### Crop Acres

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Units</th>
<th>$/Unit</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>20.00</td>
<td>CWT</td>
<td>$16.50</td>
<td>$330.00</td>
</tr>
</tbody>
</table>

**Total Revenue**

```
$330.00
```

**Enterprise**

```
$40,260.00
```

### Production Costs

#### Herbicide

- **Glyphosate**
  - 3 Acre
  - $4.38

- **2-4D**
  - 1 Acre
  - $2.35

- **Prowel H2O**
  - 1 Acre
  - $12.99

#### Seed

- **Seed - Oilseed Sunflower**
  - 1 Acre
  - $33.59

#### Fertilizer

- **Fertilizer (N) - Liquid**
  - 70 Pound
  - $0.53

- **Fertilizer (P) - Liquid**
  - 24 Pound
  - $0.90

#### Custom

- **Herbicide Application**
  - 3 Acre
  - $5.24

- **Prowel H2O**
  - 1 Acre
  - $12.99

#### Seed

- **Seed Insecticide - Sunflower Irrigated**
  - 1 Acre
  - $4.59

#### Irrigation

- **Energy Cost**
  - 7.00 Acre
  - $3.20

- **Irrigation Labor**
  - 0.45 Hour
  - $12.16

#### Machinery Labor

- **Tractors/Self-Propelled**
  - 0.47 Hour
  - $11.97

#### Diesel Fuel

- **Tractors/Self-Propelled**
  - 1.6 Gallon
  - $1.97

#### Gasoline

- **Pickup/General Use Equipment**
  - 1 Acre
  - $9.29

#### Repairs & Maintenance

- **Pickup/General Use Equipment**
  - 1 Acre
  - $5.52

- **Irrigation Equipment**
  - 1 Acre
  - $29.28

- **Tractors/Self-Propelled**
  - 1 Acre
  - $2.82

- **Implements**
  - 1 Acre
  - $8.79

#### Interest on Credit Line

- 5.15%
  - $0.67

**Total Variable Costs**

```
$298.68
```

**Planned Returns Above Variable Costs:**

```
$31.32
```

**Breakeven Price to Cover Variable Costs**

```
$14.93 CWT
```

### Fixed Costs

#### Machinery Depreciation

- **Pickup/General Use Equipment**
  - 1 Acre
  - $5.79

- **Irrigation Equipment**
  - 1 Acre
  - $22.50

- **Tractors/Self-Propelled**
  - 1 Acre
  - $2.92

- **Implements**
  - 1 Acre
  - $11.08

#### Equipment Investment

- **Pickup/General Use Equipment**
  - $40.01
  - $2.16

- **Irrigation Equipment**
  - $421.97
  - $22.79

- **Tractors/Self-Propelled**
  - $22.74
  - $1.23

- **Implements**
  - $47.42
  - $2.56

- **Cash Rent - Sunflowers Irrigated**
  - 1 Acre
  - $75.00

- **Total Fixed Costs**
  - $146.04

**Total Specified Costs**

```
$444.71
```

**Returns Above Specified Costs**

```
($114.71)
```

**Breakeven Price to Cover Total Costs**

```
$22.24 CWT
```

### Example Breakeven Prices

<table>
<thead>
<tr>
<th>Example Yield Percent</th>
<th>Example Yield CWT</th>
<th>Price Needed to Cover Your Variable Costs</th>
<th>Price Needed to Cover Your Total Costs</th>
</tr>
</thead>
<tbody>
<tr>
<td>75%</td>
<td>15.00</td>
<td>$19.91</td>
<td>$29.65</td>
</tr>
<tr>
<td>90%</td>
<td>18.00</td>
<td>$16.59</td>
<td>$24.71</td>
</tr>
<tr>
<td>100%</td>
<td>20.00</td>
<td>$14.93</td>
<td>$22.24</td>
</tr>
<tr>
<td>110%</td>
<td>22.00</td>
<td>$13.58</td>
<td>$20.21</td>
</tr>
<tr>
<td>125%</td>
<td>25.00</td>
<td>$11.95</td>
<td>$17.79</td>
</tr>
</tbody>
</table>

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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.*