## Crop Acres

<table>
<thead>
<tr>
<th>Crop</th>
<th>Quantity</th>
<th>Units</th>
<th>$/Unit</th>
<th>Total</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Triticale Silage</td>
<td>10.00</td>
<td>Ton</td>
<td>$34.10</td>
<td>$341.00</td>
<td>$41,602.00</td>
</tr>
<tr>
<td><strong>Total Revenue</strong></td>
<td></td>
<td></td>
<td></td>
<td><strong>$341.00</strong></td>
<td><strong>$41,602.00</strong></td>
</tr>
</tbody>
</table>

## Variable Costs

### Production Costs

#### Seed
- Seed - Triticale: 0.6 CWT, $38.00, $22.80, $2,781.60

#### Fertilizer
- Fertilizer (N) - ANH3: 60 Pound, $0.36, $21.60, $2,635.20
- Fertilizer (P) - Liquid: 40 Pound, $0.90, $36.00, $4,392.00
- Fertilizer (N) - Liquid: 30 Pound, $0.53, $15.90, $1,939.80

#### Custom
- Fertilizer Application - ANH3: 1 Acre, $12.07, $12.07, $1,472.92

#### Harvest and Haul - Triticale Silage
- 10 Ton, $9.04, $90.42, $11,031.24

#### Insecticide
- Insecticide and Apply Triticale: 1 Acre, $8.89, $8.89, $1,084.00

#### Irrigation
- Energy Cost: 10.00 Acre-Inch, $3.20, $32.00, $3,904.00
- Irrigation Labor - Tractors/Self-Propelled: 0.87 Hour, $11.97, $11.67, $1,424.05
- Diesel Fuel - Tractors/Self-Propelled: 2.13 Gallon, $1.97, $4.20, $511.92
- Gasoline - Pickup/General Use Equipment: 1 Acre, $4.22, $4.22, $515.00

#### Repairs & Maintenance
- Pickup/General Use Equipment: 1 Acre, $2.51, $2.51, $306.00
- Irrigation Equipment: 1 Acre, $40.40, $40.40, $4,928.80
- Tractors/Self-Propelled: 1 Acre, $3.22, $3.22, $392.74
- Implements: 1 Acre, $7.79, $7.79, $949.88

#### Machinery Labor
- Tractors/Self-Propelled: 1 Acre, $2.63, $2.63, $321.30

#### Equipment Investment
- Pickup/General Use Equipment: $18.18 Dollars, 5.40%, $0.98, $119.80
- Irrigation Equipment: $421.97 Dollars, 5.40%, $22.79, $2,779.92
- Tractors/Self-Propelled: $24.80 Dollars, 5.40%, $1.34, $163.40
- Implements: $42.09 Dollars, 5.40%, $2.27, $277.30

#### Interest on Credit Line
- Pickup/General Use Equipment: 5.15%: $0.98, $0.98, $119.80
- Irrigation Equipment: $22.79, $22.79, $2,779.92
- Tractors/Self-Propelled: $1.34, $1.34, $163.40
- Implements: $2.27, $2.27, $277.30

#### Total Variable Costs
- **Total Variable Costs**: $331.60, $40,455.04

#### Planned Returns Above Variable Costs
- Planned Returns Above Variable Costs: $33.16, $1,146.96
- Breakeven Price to Cover Variable Costs: $33.16, $1,146.96

### Fixed Costs

#### Machinery Depreciation
- Pickup/General Use Equipment: 1 Acre, $2.63, $2.63, $321.30
- Irrigation Equipment: 1 Acre, $22.50, $22.50, $2,745.60
- Tractors/Self-Propelled: 1 Acre, $3.18, $3.18, $388.43
- Implements: 1 Acre, $9.84, $9.84, $1,200.43

#### Total Fixed Costs
- **Total Fixed Costs**: $140.54, $17,146.18

#### Total Specified Costs
- **Total Specified Costs**: $472.14, $57,601.22

#### Returns Above Specified Costs
- Returns Above Specified Costs: ($131.14), ($15,999.22)
- Breakeven Price to Cover Total Costs: $47.21, $1,146.96

## Example Breakeven Prices

<table>
<thead>
<tr>
<th>Example Yield Percent</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>$44.21</td>
<td>$62.95</td>
</tr>
<tr>
<td>90%</td>
<td>$36.64</td>
<td>$55.46</td>
</tr>
<tr>
<td>100%</td>
<td>$33.16</td>
<td>$47.21</td>
</tr>
<tr>
<td>110%</td>
<td>$30.15</td>
<td>$42.92</td>
</tr>
<tr>
<td>125%</td>
<td>$26.53</td>
<td>$37.77</td>
</tr>
</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.*