## 2015 Estimated Costs and Returns per Acre
### Alfalfa, Roundup Ready, Establishment, Center Pivot Irrigated
#### West Central Extension District - 7

### Crop Acreage

| Crop Acre | 122 |

### Revenue

<table>
<thead>
<tr>
<th>Total Revenue</th>
<th>Quantity</th>
<th>Units</th>
<th>$/Unit</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>$0.00</td>
<td></td>
<td></td>
<td></td>
<td>$0.00</td>
</tr>
</tbody>
</table>

### Variable Costs

#### Production Costs

- **Custom**
  - Apply Dry Fertilizer
    - Quantity: 1 Acre
    - Units: $4.50
    - Total: $4.50
  - Soil Test-Irrigated
    - Quantity: 1 Each
    - Units: $0.50
    - Total: $0.50

- **Fertilizer**
  - 11-52-0
    - Quantity: 150 Pounds
    - Units: $0.26
    - Total: $39.00
  - Glyphosate
    - Quantity: 22 Ounce
    - Units: $0.12
    - Total: $2.53

- **Seed**
  - R.R. Alfalfa
    - Quantity: 25 pounds
    - Units: $5.65
    - Total: $141.25

- **Irrigation**
  - Energy Cost
    - Quantity: 4.00 AcreInch
    - Units: $10.97
    - Total: $43.87
  - Irrigation Labor
    - Quantity: 0.80 Hour
    - Units: $12.00
    - Total: $9.60

- **Machinery Labor**
  - Tractors/Self-Propelled
    - Quantity: 0.65 Hour
    - Units: $12.00
    - Total: $7.80

- **Diesel Fuel**
  - Tractors/Self-Propelled
    - Quantity: 4.12 Gallon
    - Units: $2.75
    - Total: $11.33

- **Gasoline**
  - Pickup/General Use Equipment
    - Quantity: 1 Acre
    - Units: $1.84
    - Total: $1.84

- **Repairs & Maintenance**
  - Pickup/General Use Equipment
    - Quantity: 1 Acre
    - Units: $0.74
    - Total: $0.74
  - Irrigation Equipment
    - Quantity: 1 Acre
    - Units: $8.84
    - Total: $8.84
  - Implements
    - Quantity: 1 Acre
    - Units: $68.66
    - Total: $68.66

- **Interest on Credit Line**
  - Quantity: 3.75%
  - Units: $3.18
  - Total: $387.56

### Total Variable Costs

<table>
<thead>
<tr>
<th>Total Variable Costs</th>
<th>Enterprise Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>$354.19</td>
<td>$43,211.78</td>
</tr>
</tbody>
</table>

### Planned Returns Above Variable Costs:

- $(354.19) $(43,211.78)

### Breakeven Price to Cover Total Costs

- n/a

### Fixed Costs

<table>
<thead>
<tr>
<th>Total Fixed Costs</th>
<th>Enterprise Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>$224.03</td>
<td>$27,331.98</td>
</tr>
</tbody>
</table>

### Total Specified Costs

<table>
<thead>
<tr>
<th>Total Specified Costs</th>
<th>Enterprise Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>$578.23</td>
<td>$70,543.77</td>
</tr>
</tbody>
</table>

### Returns Above Specified Costs

- $(578.23) $(70,543.77)

### Breakeven Price to Cover Total Costs

- n/a

### Example Breakeven Prices

<table>
<thead>
<tr>
<th>Example Yield Percent</th>
<th>Example Yield</th>
<th>Price Needed to Cover Example Variable Costs</th>
<th>Price Needed to Cover Example Total Costs</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Own/Rent</td>
<td>Share Tenant</td>
</tr>
<tr>
<td>75%</td>
<td>0.00</td>
<td>$0.00</td>
<td>$0.00</td>
</tr>
<tr>
<td>90%</td>
<td>0.00</td>
<td>$0.00</td>
<td>$0.00</td>
</tr>
<tr>
<td>100%</td>
<td>0.00</td>
<td>$0.00</td>
<td>$0.00</td>
</tr>
<tr>
<td>110%</td>
<td>0.00</td>
<td>$0.00</td>
<td>$0.00</td>
</tr>
<tr>
<td>125%</td>
<td>0.00</td>
<td>$0.00</td>
<td>$0.00</td>
</tr>
</tbody>
</table>

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

*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.*