## 2016 Estimated Costs and Returns per Acre

Coastal Bermudagrass Pasture Grazing - 100 Acres

### Crop Acres

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

### VARIABLE COSTS

#### Production Costs

- **Fertilizer**
  - Nitrogen: 180 Pound, $0.60, $108.00, $10,800.00
  - Phosphate: 15 Pound, $0.61, $9.15, $915.00
  - Potash: 60 Pound, $0.37, $22.20, $2,220.00
  - Lime: 0.333333 Ton, $60.00, $20.00, $2,000.00

- **Herbicide**
  - Pasture Herbicide: 2 Acre, $8.00, $16.00, $1,600.00

#### Machinery Costs

- **Diesel Fuel**
  - Tractors/Self-Propelled: 0.19 Hour, $12.00, $2.28, $228.00

- **Gasoline**
  - Tractors/Self-Propelled: 0.6 Gallon, $2.00, $1.20, $120.00

- **Repairs & Maintenance**
  - Pickup/General Use Equipment: 1 Acre, $0.61, $0.61, $61.20
  - Tractors/Self-Propelled: 1 Acre, $0.70, $0.70, $69.91
  - Implements: 1 Acre, $0.41, $0.41, $40.53

- **Interest on Credit Line**
  - 4.75%, $3.16, $316.30

**Total Variable Costs**

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Units</th>
<th>$/Unit</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>$184.66</td>
</tr>
</tbody>
</table>

**Planned Returns Above Variable Costs:**

- ($184.66) ($18,465.93)

**Breakeven Price to Cover Variable Costs:**

- n/a

### FIXED COSTS

#### Machinery Depreciation

- **Pickup/General Use Equipment**
  - 1 Acre, $0.64, $0.64, $64.26

- **Tractors/Self-Propelled**
  - 1 Acre, $0.58, $0.58, $57.79

- **Implements**
  - 1 Acre, $0.36, $0.36, $36.48

#### Equipment Investment

- **Pickup/General Use Equipment**
  - $4.44 Dollars, 5.25%, $0.23, $23.29

- **Tractors/Self-Propelled**
  - $4.50 Dollars, 5.25%, $0.24, $23.64

- **Implements**
  - $1.56 Dollars, 5.25%, $0.08, $8.19

**Total Fixed Costs**

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Units</th>
<th>$/Unit</th>
<th>Total</th>
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</thead>
<tbody>
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**Total Specified Costs**

<table>
<thead>
<tr>
<th>Quantity</th>
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<th>$/Unit</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
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</tbody>
</table>

**Returns Above Specified Costs**

- ($206.80) ($20,679.59)

**Breakeven Price to Cover Total Costs**

- n/a

### 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>$0.00</td>
<td>$0.00</td>
</tr>
<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>$0.00</td>
</tr>
<tr>
<td>125%</td>
<td>$0.00</td>
<td>$0.00</td>
</tr>
</tbody>
</table>

Developed by Gerald Cornforth, Extension Economist; Vanessa Olson, Extension Forage Specialist; and, Jason Banta, Extension Beef Cattle Specialist, Texas A&M AgriLife Extension Service. For more information, contact: Vanessa Olson or Jason Banta at 903-834-6191.

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.