# 2015 Estimated Costs and Returns per Acre

## Sugar Cane, Ratoon, Furrow Irrigated, Rio Grande Valley
- **100 Acres**
- **South Extension District - 12**

## Crop Acres

<table>
<thead>
<tr>
<th>Enterprise</th>
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<tbody>
<tr>
<td>Sugar Cane</td>
<td>35.00</td>
<td>Ton</td>
<td>$21.00</td>
<td>$735.00</td>
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**Total Revenue**

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## VARIABLE COSTS

### Production Costs

#### Fertilizer
- UAN (32% N)
  - Quantity: 3
  - Units: CWT
  - $/Unit: $18.60
  - Total: $55.80
  - Total: $5,580.00
- Foliar Iron Sulphate
  - Quantity: 0.5
  - Units: Acre
  - $/Unit: $12.55
  - Total: $6.28
  - Total: $627.50
- Fertilizer 10-34-0
  - Quantity: 2
  - Units: CWT
  - $/Unit: $26.00
  - Total: $52.00
  - Total: $5,200.00

#### Herbicide
- Atrazine 4L
  - Quantity: 12
  - Units: Pint
  - $/Unit: $1.93
  - Total: $23.16
  - Total: $2,316.00
- Prowl 3.3 EC
  - Quantity: 10
  - Units: Pint
  - $/Unit: $5.63
  - Total: $56.30
  - Total: $5,630.00
- Glyphosate
  - Quantity: 0.8
  - Units: Pint
  - $/Unit: $2.25
  - Total: $1.80
  - Total: $180.00

#### Other Labor
- Labor - Weed Control
  - Quantity: 1.75
  - Units: Hour
  - $/Unit: $9.00
  - Total: $15.75
  - Total: $1,575.00
- Unallocated Labor
  - Quantity: 0.4872
  - Units: Hour
  - $/Unit: $9.00
  - Total: $4.38
  - Total: $438.48

#### Irrigation
- Water Cost
  - Quantity: 4.50
  - Units: Acre/Foot
  - $/Unit: $20.00
  - Total: $90.00
  - Total: $9,000.00
- Irrigation Labor
  - Quantity: 6.30
  - Units: Hour
  - $/Unit: $9.00
  - Total: $56.70
  - Total: $5,670.00

#### Machinery Labor
- Tractors/Self-Propelled
  - Quantity: 0.67
  - Units: Hour
  - $/Unit: $9.00
  - Total: $6.03
  - Total: $603.00

#### Diesel Fuel
- Tractors/Self-Propelled
  - Quantity: 4.62
  - Units: Gallon
  - $/Unit: $3.00
  - Total: $13.86
  - Total: $1,386.00

#### Repairs & Maintenance
- Tractors/Self-Propelled
  - Quantity: 1
  - Units: Acre
  - $/Unit: $8.14
  - Total: $8.14
  - Total: $813.80
- Implements
  - Quantity: 1
  - Units: Acre
  - $/Unit: $7.04
  - Total: $7.04
  - Total: $704.35

#### Interest on Credit Line
- Quantity: 0.00
- Units: %
- $/Unit: $24.70
- Total: $2,469.84

**Total Variable Costs**

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**Planned Returns Above Variable Costs:**

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**Breakeven Price to Cover Variable Costs:**

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## FIXED COSTS

### Machinery Depreciation
- Tractors/Self-Propelled
  - Quantity: 1
  - Units: Acre
  - $/Unit: $9.28
  - Total: $9.28
  - Total: $927.89
- Implements
  - Quantity: 1
  - Units: Acre
  - $/Unit: $7.65
  - Total: $7.65
  - Total: $764.59

### Equipment Investment
- Tractors/Self-Propelled
  - Quantity: $104.92
  - Units: Dollars
  - $/Unit: 9.00%
  - Total: $9.44
  - Total: $944.24
- Implements
  - Quantity: $70.30
  - Units: Dollars
  - $/Unit: 9.00%
  - Total: $6.33
  - Total: $632.74

### Cash Rent, Sugar Cane
- Quantity: 1
  - Units: Acre
  - $/Unit: $110.00
  - Total: $110.00
  - Total: $11,000.00

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**Total Specified Costs**

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**Returns Above Specified Costs**

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**Breakeven Price to Cover Total Costs**

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## Example Breakeven Prices

<table>
<thead>
<tr>
<th>Example Yield Percent</th>
<th>Example Yield Ton</th>
<th>Price Needed to Cover Example Variable Costs Own/Rent</th>
<th>Share Tenant</th>
<th>Price Needed to Cover Example Total Costs Own/Rent</th>
<th>Share Tenant</th>
<th>Landlord</th>
</tr>
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<tbody>
<tr>
<td>75%</td>
<td>26.25</td>
<td>$16.07</td>
<td>$16.07</td>
<td>$21.51</td>
<td>$21.51</td>
<td>$0.00</td>
</tr>
<tr>
<td>90%</td>
<td>31.50</td>
<td>$13.39</td>
<td>$13.39</td>
<td>$17.92</td>
<td>$17.92</td>
<td>$0.00</td>
</tr>
<tr>
<td>100%</td>
<td>35.00</td>
<td>$12.06</td>
<td>$12.06</td>
<td>$16.13</td>
<td>$16.13</td>
<td>$0.00</td>
</tr>
<tr>
<td>110%</td>
<td>38.50</td>
<td>$10.96</td>
<td>$10.96</td>
<td>$14.67</td>
<td>$14.67</td>
<td>$0.00</td>
</tr>
<tr>
<td>125%</td>
<td>43.75</td>
<td>$9.64</td>
<td>$9.64</td>
<td>$12.91</td>
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Developed by Luis Ribera, Associate 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.*