## Soybeans, RR, Furrow Irrigated (NG) Following Corn or Sorghum

- 122 Acres
- Panhandle Extension District

### Crop Acres

<table>
<thead>
<tr>
<th>Crop</th>
<th>Acres</th>
</tr>
</thead>
<tbody>
<tr>
<td>Soybeans</td>
<td>122</td>
</tr>
</tbody>
</table>

### REVENUE

<table>
<thead>
<tr>
<th>Crop</th>
<th>Quantity</th>
<th>Units</th>
<th>$/Unit</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Soybeans</td>
<td>60.00</td>
<td>Bushel</td>
<td>9.00</td>
<td>$540.00</td>
</tr>
<tr>
<td>Total Revenue</td>
<td></td>
<td></td>
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<td>$540.00</td>
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</table>

### VARIABLE COSTS

#### Production Costs

<table>
<thead>
<tr>
<th>Crop</th>
<th>Quantity</th>
<th>Units</th>
<th>$/Unit</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Seed - Soybeans</td>
<td>1</td>
<td>Bag</td>
<td>72.00</td>
<td>$72.00</td>
</tr>
<tr>
<td>Innoculant Soybeans</td>
<td>1</td>
<td>Acre</td>
<td>7.75</td>
<td>$7.75</td>
</tr>
<tr>
<td>Fertilizer (P) - Liquid</td>
<td>45</td>
<td>Pound</td>
<td>0.85</td>
<td>$38.25</td>
</tr>
<tr>
<td>Custom</td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Harvest and Haul - Soybeans</td>
<td>60</td>
<td>Bushel</td>
<td>6.66</td>
<td>$396.00</td>
</tr>
<tr>
<td>Miscellaneous</td>
<td></td>
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<tr>
<td>Crop Insurance Soybeans</td>
<td>1</td>
<td>Acre</td>
<td>24.29</td>
<td>$24.29</td>
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<tr>
<td>Herbsicide and Apply Soybeans</td>
<td>2</td>
<td>Acre</td>
<td>12.30</td>
<td>$24.60</td>
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<tr>
<td>Insecticide and Apply Soybeans</td>
<td>0.5</td>
<td>Acre</td>
<td>9.40</td>
<td>$4.70</td>
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<tr>
<td>Irrigation</td>
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</tr>
<tr>
<td>Energy Cost</td>
<td>16.00</td>
<td>Acre/Inch</td>
<td>4.40</td>
<td>$70.40</td>
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<tr>
<td>Irrigation Labor</td>
<td>2.25</td>
<td>Hour</td>
<td>11.75</td>
<td>$26.41</td>
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<tr>
<td>Machinery Labor</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Tractors/Self-Propelled</td>
<td>1.09</td>
<td>Hour</td>
<td>11.75</td>
<td>$13.08</td>
</tr>
<tr>
<td>Diesel Fuel</td>
<td>3.11</td>
<td>Gallon</td>
<td>0.66</td>
<td>$2.06</td>
</tr>
<tr>
<td>Gasoline</td>
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</tr>
<tr>
<td>Pickup/General Use Equipment</td>
<td>1</td>
<td>Acre</td>
<td>6.13</td>
<td>$6.13</td>
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<tr>
<td>Fertilizer &amp; Maintenance</td>
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<tr>
<td>Pickup/General Use Equipment</td>
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<td>Acre</td>
<td>2.63</td>
<td>$2.63</td>
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<tr>
<td>Irrigation Equipment</td>
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<td>6.40</td>
<td>$6.40</td>
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<tr>
<td>Tractors/Self-Propelled</td>
<td>1</td>
<td>Acre</td>
<td>5.06</td>
<td>$5.06</td>
</tr>
<tr>
<td>Implements</td>
<td>1</td>
<td>Acre</td>
<td>16.65</td>
<td>$16.65</td>
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<tr>
<td>Irrigation Labor</td>
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<tr>
<td>Energy Cost</td>
<td>16.00</td>
<td>Acre/Inch</td>
<td>4.40</td>
<td>$70.40</td>
</tr>
<tr>
<td>Irrigation Labor</td>
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<td></td>
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<td></td>
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</tr>
<tr>
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</tr>
<tr>
<td>Gasoline</td>
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<tr>
<td>Pickup/General Use Equipment</td>
<td>1</td>
<td>Acre</td>
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<td>$6.13</td>
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<tr>
<td>Repairs &amp; Maintenance</td>
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<tr>
<td>Pickup/General Use Equipment</td>
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<td>Acre</td>
<td>2.63</td>
<td>$2.63</td>
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<tr>
<td>Irrigation Equipment</td>
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<td>Acre</td>
<td>6.40</td>
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<tr>
<td>Tractors/Self-Propelled</td>
<td>1</td>
<td>Acre</td>
<td>5.06</td>
<td>$5.06</td>
</tr>
<tr>
<td>Implements</td>
<td>1</td>
<td>Acre</td>
<td>16.65</td>
<td>$16.65</td>
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<td>Irrigation Labor</td>
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<tr>
<td>Energy Cost</td>
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<td>Acre/Inch</td>
<td>4.40</td>
<td>$70.40</td>
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<tr>
<td>Irrigation Labor</td>
<td>2.25</td>
<td>Hour</td>
<td>11.75</td>
<td>$26.41</td>
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<tr>
<td>Machinery Labor</td>
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<td></td>
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<tr>
<td>Tractors/Self-Propelled</td>
<td>1.09</td>
<td>Hour</td>
<td>11.75</td>
<td>$13.08</td>
</tr>
<tr>
<td>Diesel Fuel</td>
<td>3.11</td>
<td>Gallon</td>
<td>0.66</td>
<td>$2.06</td>
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<tr>
<td>Gasoline</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pickup/General Use Equipment</td>
<td>1</td>
<td>Acre</td>
<td>6.13</td>
<td>$6.13</td>
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</tbody>
</table>

### FIXED COSTS

<table>
<thead>
<tr>
<th>Crop</th>
<th>Quantity</th>
<th>Units</th>
<th>$/Unit</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Machinery Depreciation</td>
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<tr>
<td>Pickup/General Use Equipment</td>
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<td>Acre</td>
<td>$2.63</td>
<td>$2.63</td>
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<tr>
<td>Irrigation Equipment</td>
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<td>Acre</td>
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<td>Tractors/Self-Propelled</td>
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<td>Acre</td>
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<td>$5.06</td>
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<tr>
<td>Implements</td>
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<td>Acre</td>
<td>16.65</td>
<td>$16.65</td>
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<tr>
<td>Equipment Investment</td>
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<tr>
<td>Pickup/General Use Equipment</td>
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<td>Dollars</td>
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<td>$1.69</td>
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<td>Tractors/Self-Propelled</td>
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<td>Implements</td>
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<td>Dollars</td>
<td>5.40</td>
<td>$6.99</td>
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<tr>
<td>Cash Rent - Soybeans</td>
<td>1</td>
<td>Acre</td>
<td>80.75</td>
<td>$80.75</td>
</tr>
</tbody>
</table>

### Planed Returns Above Variable Costs

- $112.69
- $13,747.58

### Breakeven Price to Cover Variable Costs

- $7.12 Bushel

### TOTAL SPECIFIED COSTS

- $579.10
- $70,650.13

### Returns Above Specified Costs

- ($39.10)
- ($4,770.13)

### Breakeven Price to Cover Total Costs

- $9.65 Bushel

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**Example Breakeven Prices**

<table>
<thead>
<tr>
<th>Example Yield Percent</th>
<th>Example Yield Bushel</th>
<th>Price Needed to Cover Example Variable Costs</th>
<th>Price Needed to Cover Example Total Costs</th>
</tr>
</thead>
<tbody>
<tr>
<td>75%</td>
<td>45.00</td>
<td>$9.50</td>
<td>$12.87</td>
</tr>
<tr>
<td>90%</td>
<td>54.00</td>
<td>$7.91</td>
<td>$10.72</td>
</tr>
<tr>
<td>100%</td>
<td>60.00</td>
<td>$7.12</td>
<td>$10.72</td>
</tr>
<tr>
<td>110%</td>
<td>66.00</td>
<td>$6.47</td>
<td>$8.77</td>
</tr>
<tr>
<td>125%</td>
<td>75.00</td>
<td>$5.70</td>
<td>$7.72</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.*