### Estimated Production Costs & Returns

#### Gross Receipts from Production

<table>
<thead>
<tr>
<th>GROSS RECIPTS</th>
<th>UNIT PRICE</th>
<th>YIELD</th>
<th>PER ACRE</th>
<th>PER BU</th>
</tr>
</thead>
<tbody>
<tr>
<td>Soybeans bu</td>
<td>$9.05</td>
<td>55</td>
<td>$497.75</td>
<td>$9.05</td>
</tr>
<tr>
<td>Your Farm bu</td>
<td>$0.00</td>
<td>0.0</td>
<td>$0.00</td>
<td>$0.00</td>
</tr>
</tbody>
</table>

Farm Bill payments were not included due to great variability between counties covered by this budget.

Gross Receipts: $497.75

#### Direct Costs

##### Operating Pre-Harvest

<table>
<thead>
<tr>
<th>UNIT</th>
<th>COST PER UNIT</th>
<th>QUANTITY</th>
<th>PER ACRE</th>
<th>PER BU</th>
<th>YOUR FARM</th>
</tr>
</thead>
<tbody>
<tr>
<td>Seed</td>
<td>dollars</td>
<td>54.88</td>
<td>1.00</td>
<td>54.88</td>
<td>1.00</td>
</tr>
</tbody>
</table>

- **Seed Protection**
  - Fertilizer dollars: 8.64, 1, 8.64, 0.16
  - Herbicide dollars: 33.49, 1, 33.49, 0.61

- **Irrigation**
  - Irrigation Energy dollars: 56.39, 1, 56.39, 1.03
  - Irrigation Repairs dollars: 11.43, 1, 11.43, 0.21
  - Sprinkler Lease dollars: 70.00, 1, 70.00, 1.27
  - Custom Application dollars: 14.00, 2, 28.00, 0.51
  - Crop Insurance dollars: 49.00, 1, 49.00, 0.89
  - Crop Consultant dollars: 12.00, 1, 12.00, 0.22
  - Fuel dollars: 6.99, 1, 6.99, 0.13
  - Repair & Maintenance dollars: 4.58, 1, 4.58, 0.08
  - Labor dollars: 3.11, 1, 3.11, 0.06
  - Interest (6 months @ 6.25%) dollars: 10.14, 1, 10.14, 0.18

Total Pre-Harvest Expenses: $348.65

##### Harvest Costs

<table>
<thead>
<tr>
<th>UNIT</th>
<th>COST PER UNIT</th>
<th>QUANTITY</th>
<th>PER ACRE</th>
<th>PER BU</th>
<th>YOUR FARM</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fuel</td>
<td>dollars</td>
<td>4.10</td>
<td>1</td>
<td>4.10</td>
<td>0.07</td>
</tr>
</tbody>
</table>

- **Repair & Maintenance** dollars: 3.03, 1, 3.03, 0.06
- **Labor** dollars: 1.74, 1, 1.74, 0.03
- **Hauling** dollars: 11.00, 1, 11.00, 0.20

Total Harvest Costs: $19.87

Total Operating Costs: $368.52

##### Property & Ownership Costs

- **General Farm Overhead** dollars: 10.00, 1, 10.00, 0.18
- **Machinery Ownership Costs** dollars: 31.52, 1, 31.52, 0.57
- **Real Estate Taxes** dollars: 5.79, 1, 5.79, 0.11

Total Property & Ownership Costs: $47.31

TOTAL DIRECT COSTS: $415.83

#### Net Receipts Before Factor Payments

- Net Receipts: $81.92

#### Factor Payments

- Land ($5,000 @ 4%): $200.00

RETURN TO MANAGEMENT & RISK: ($118.08) ($2.15) $0.00

1 Hauling Machinery & Labor Charges: $0.20/Bushel
2 Interest on Operating Capital is calculated on 1/2 of pre-harvest operating costs at 6.25%

### Breakeven Analysis - Per Acre Returns over Total Direct Costs ($/Acre)

<table>
<thead>
<tr>
<th>ALTERNATIVE PRICES ($/bushel)</th>
<th>-25%</th>
<th>-10%</th>
<th>10%</th>
<th>25%</th>
</tr>
</thead>
<tbody>
<tr>
<td>ALTERNATIVE YIELDS</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>-25%</td>
<td>$21.25</td>
<td>($135.84)</td>
<td>($79.85)</td>
<td>($42.51)</td>
</tr>
<tr>
<td>-10%</td>
<td>$49.50</td>
<td>($79.85)</td>
<td>($12.65)</td>
<td>$32.15</td>
</tr>
<tr>
<td>BUSHELS PER ACRE</td>
<td>$42.51</td>
<td>$32.15</td>
<td>$81.92</td>
<td>$131.70</td>
</tr>
<tr>
<td>25%</td>
<td>$68.75</td>
<td>$50.81</td>
<td>$144.14</td>
<td>$206.36</td>
</tr>
</tbody>
</table>