2018 Nebraska Crop Budgets

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Jessica T. Groskopf, Extension Educator — Agricultural Economics
Jim A. Jansen, Extension Educator — Agricultural Economics

Note: These budget projections were created using assumptions thought to be valid for many Nebraska producers; however, each farming operation is unique. These budgets are being released in both Adobe PDF and Excel® worksheet formats. The worksheet format allows producers to modify them to match their specific situation. The danger of releasing a tool that can subsequently be modified is that there is no way to verify whether alterations were made or unrealistic data was entered. Users of this tool are responsible for independently verifying all results prior to relying on them. Original files for these budgets are available at http://extension.unl.edu/publications and on http://cropwatch.unl.edu/economics/budgets.

Additional Resource Persons
The following individuals contributed to the budgets in their specialty areas:
Robert J. Wright, Extension Entomologist
Tamra A. Jackson-Ziem, Extension Plant Pathologist — Corn and Sorghum
Loren J. Giesler, Extension Plant Pathologist — Soybean and Turf
Stephen N. Wegulo, Extension Plant Pathologist — Wheat and Ornamental
Paul J. Jasa, Extension Biological Systems Engineer
James A. Schild, Extension Educator in Scotts Bluff and Morrill Counties

Extension is a Division of the Institute of Agriculture and Natural Resources at the University of Nebraska–Lincoln cooperating with the Counties and the United States Department of Agriculture.
## 2018 Budget 39-Dry Beans, Reduced Till, after Harvest of Wheat Cover Crop (27 cwt Actual Yield)

**Pivot Irrigated Electric, 800 GPM 35 PSI, 8 acre/inches**

### Field Operations

<table>
<thead>
<tr>
<th>Operation</th>
<th>Times or Qty</th>
<th>Unit</th>
<th>Labor @ $20.00/Hr</th>
<th>Fuel @ $2.45 and Lube</th>
<th>Repairs</th>
<th>Ownership</th>
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**Total for Field Operations**: 21.81, 37.16, 16.56, 24.32, 27.83, 19.62, 147.30

### Materials & Services

<table>
<thead>
<tr>
<th>Item</th>
<th>Operation Index</th>
<th>Percent Acres Applied</th>
<th>Application Rate Unit</th>
<th>Applied Price</th>
<th>Total</th>
<th>Your Estimate</th>
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<tr>
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<td>3</td>
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<td>16.41</td>
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**Total Materials & Services**: Electricity connect fee 6 months @ $72/mo 133 acres 254.97

"Insecticide for Mexican bean beetle and Western Bean Cutworm (10%)."

**Total listed costs for Field Operations and Materials and Services**: 402.27

**Interest on Operations Capital**: $ 354.82, cash expense @ 5.50% for 6.0 mo. 9.76

**Total Operating and Use Related Ownership Costs**: 412.03

**Overhead** (accounting, liability insurance, vehicle cost, office expense): 20.00

**Real Estate Opportunity**: Pivot (Panhandle) $ 2,815 per acre @ 3.00% 84.45

**Real Estate Taxes**: $ 2,815 per acre @ 1.00% 28.15

**Total Cost per Acre Including Overhead**: 544.63

**Cost per cwt**: 20.17

**Cash Cost per cwt**: 13.50

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### 2018 Budget 40-Dry Beans, Conventional Tillage (27 cwt Actual Yield)

**Gravity Irrigated, fed by canal, 10 acre/itunes**

<table>
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<tr>
<th>Field Operations</th>
<th>Times or Qty</th>
<th>Unit</th>
<th>Labor @ $20.00/Hr</th>
<th>Fuel @ $2.45 and Lube</th>
<th>Repairs Power</th>
<th>Ownership Power</th>
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<th>Your Estimate</th>
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**Total for Field Operations** 39.73 23.92 17.97 14.27 43.06 19.48 158.43

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<th>Operation Index</th>
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<th>Application Rate Unit</th>
<th>Applied Price</th>
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<td>60%</td>
<td>4 ounce</td>
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<td>11.44</td>
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<td>5 ounce</td>
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<tr>
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<td>16.30</td>
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**Total Materials & Services** 231.97

* Mexican Bean Beetle and Western Bean Cutworm

**Total listed costs for Field Operations and Materials and Services** 410.40

**Interest on Operations Capital** $ 347.86 cash expense @ 5.50% for 6.0 mo. $ 9.57

**Total Operating and Use Related Ownership Costs** 419.97

**Overhead** (accounting, liability insurance, vehicle cost, office expense) 20.00

**Real Estate Opportunity** Gravity (Panhandle) $ 2,580 per acre @ 3.00% 77.40

**Real Estate Taxes** $ 2,580 per acre @ 1.00% 25.80

**Total Cost per Acre Including Overhead** 543.17

**Cost per cwt** 20.12

**Cash Cost per cwt** 13.24
### 2018 Budget 41-Dry Beans, Conventional Tillage (27 cwt Actual Yield)

- **Pivot Irrigated Electric, 800 GPM 35 PSI, 9 acre/inches**

#### Field Operations

<table>
<thead>
<tr>
<th>Operation</th>
<th>Times or Qty</th>
<th>Unit</th>
<th>Labor @ $20.00/ hr and Lube</th>
<th>Fuel @ $2.45 and Lube</th>
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<th>Ownership</th>
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#### Materials & Services

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<th>Operation Index</th>
<th>Percent Acres Applied</th>
<th>Application Rate Unit</th>
<th>Applied Price</th>
<th>Total</th>
<th>Your Estimate</th>
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<tbody>
<tr>
<td>Outlook</td>
<td>Herbicide</td>
<td>3</td>
<td>100%</td>
<td>14 ounce</td>
<td>1.17</td>
<td>16.41</td>
</tr>
<tr>
<td>Prowl H2O</td>
<td>Herbicide</td>
<td>3</td>
<td>100%</td>
<td>2 pint</td>
<td>6.50</td>
<td>13.00</td>
</tr>
<tr>
<td>Edible Beans</td>
<td>Seed</td>
<td>5</td>
<td>100%</td>
<td>0.65 cwt</td>
<td>92.00</td>
<td>59.80</td>
</tr>
<tr>
<td>10-34-0-1Zn</td>
<td>Fertilizer</td>
<td>5</td>
<td>100%</td>
<td>7 gallon</td>
<td>2.35</td>
<td>16.45</td>
</tr>
<tr>
<td>46-0-0</td>
<td>Fertilizer</td>
<td>5</td>
<td>100%</td>
<td>50 lbs N</td>
<td>0.36</td>
<td>18.00</td>
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<tr>
<td>Raptor</td>
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<td>6</td>
<td>60%</td>
<td>4 ounce</td>
<td>4.77</td>
<td>11.44</td>
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<tr>
<td>Basagran</td>
<td>Herbicide</td>
<td>6</td>
<td>60%</td>
<td>1 pint</td>
<td>10.00</td>
<td>6.00</td>
</tr>
<tr>
<td>NIS</td>
<td>Additive</td>
<td>6</td>
<td>60%</td>
<td>5 ounce</td>
<td>0.09</td>
<td>0.26</td>
</tr>
<tr>
<td>UAN</td>
<td>Additive</td>
<td>6</td>
<td>60%</td>
<td>4 pint</td>
<td>0.16</td>
<td>0.39</td>
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<td>Other</td>
<td>8</td>
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<td>9</td>
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<tr>
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<td>Insecticide</td>
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<td>10</td>
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<td>10.00</td>
</tr>
<tr>
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<td>Fungicide</td>
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<td>2 pint</td>
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<td>27 cwt</td>
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<td>10.00</td>
<td></td>
</tr>
<tr>
<td>Custom Spray</td>
<td>Herbicide</td>
<td>100%</td>
<td>1 acre</td>
<td>10.00</td>
<td>10.00</td>
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<tr>
<td>Custom Spray</td>
<td>Herbicide</td>
<td>100%</td>
<td>1 acre</td>
<td>10.00</td>
<td>10.00</td>
<td></td>
</tr>
<tr>
<td>Custom Spray</td>
<td>Herbicide</td>
<td>100%</td>
<td>1 acre</td>
<td>10.00</td>
<td>10.00</td>
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</tbody>
</table>

### Total Materials & Services

- 251.97

### Total listed costs for Field Operations and Materials and Services

- Interest on Operations Capital: $366.86
- Cash expense: $5.50% for 6 mo.
- Total: 423.82

### Total Operating and Use Related Ownership Costs

- 433.91

### Overhead

- (accounting, liability insurance, vehicle cost, office expense)
- 20.00

### Real Estate Costs

- **Pivot (Panhandle)**: $2,815 per acre @ 3.00%: 84.45
- **Real Estate Taxes**: $2,815 per acre @ 1.00%: 28.15

### Total Cost per Acre Including Overhead

- 566.51

### Cost per cwt

- 20.98

### Cash Cost per cwt

- 13.96