## 2022 Corn, No-Till, Non-Irrigated Budget

### Revenue

<table>
<thead>
<tr>
<th>Unit</th>
<th>Quantity</th>
<th>Price ($/bu)</th>
<th>Total ($/bu)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Corn</td>
<td>Bu/acre</td>
<td>175</td>
<td>$5.65</td>
</tr>
<tr>
<td>Government Payments</td>
<td>$/acre</td>
<td>1</td>
<td>$0.00</td>
</tr>
<tr>
<td>Other Revenue</td>
<td>$/acre</td>
<td>1</td>
<td>$0.00</td>
</tr>
</tbody>
</table>

**Gross Revenue ($/Acre)**

| Total Revenue | $988.75 |

### Variable Expenses

<table>
<thead>
<tr>
<th>Item</th>
<th>Unit</th>
<th>Quantity</th>
<th>Price ($/bu)</th>
<th>Total ($/bu)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Seed</td>
<td>Thou.</td>
<td>32</td>
<td>$3.65</td>
<td>$116.80</td>
</tr>
<tr>
<td>Fertilizer &amp; Lime (Table 1)</td>
<td>Acre</td>
<td>1</td>
<td>$318.44</td>
<td>$318.44</td>
</tr>
<tr>
<td>Chemical (Table 2)</td>
<td>Acre</td>
<td>1</td>
<td>$64.79</td>
<td>$64.79</td>
</tr>
<tr>
<td>Crop Scout or Consultant</td>
<td>Acre</td>
<td>1</td>
<td>$15.00</td>
<td>$15.00</td>
</tr>
<tr>
<td>Repair &amp; Maintenance (Table 3)</td>
<td>Acre</td>
<td>1</td>
<td>$43.89</td>
<td>$43.89</td>
</tr>
<tr>
<td>Fuel, Oil &amp; Filter (Table 3)</td>
<td>Acre</td>
<td>1</td>
<td>$19.66</td>
<td>$19.66</td>
</tr>
<tr>
<td>Operator Labor (Table 3)</td>
<td>Acre</td>
<td>1</td>
<td>$13.98</td>
<td>$13.98</td>
</tr>
<tr>
<td>Crop Insurance (Table 3)</td>
<td>Acre</td>
<td>1</td>
<td>$15.91</td>
<td>$15.91</td>
</tr>
<tr>
<td>Machinery Rental</td>
<td>Acre</td>
<td>1</td>
<td>$0.00</td>
<td>$0.00</td>
</tr>
<tr>
<td>Custom Work</td>
<td>Acre</td>
<td>1</td>
<td>$0.00</td>
<td>$0.00</td>
</tr>
<tr>
<td>Drying (Fuel/Electric)</td>
<td>Bu</td>
<td>175</td>
<td>$0.00</td>
<td>$0.00</td>
</tr>
<tr>
<td>Other</td>
<td>Acre</td>
<td>1</td>
<td>$0.00</td>
<td>$0.00</td>
</tr>
<tr>
<td>Other</td>
<td>Acre</td>
<td>1</td>
<td>$0.00</td>
<td>$0.00</td>
</tr>
<tr>
<td>Operating Interest (%)</td>
<td>%</td>
<td></td>
<td>$608.47</td>
<td>4.35%</td>
</tr>
</tbody>
</table>

**Total Variable Expenses**

| Total Variable Expenses | $621.71 |

**Return Above Variable Expenses**

| Return Above Variable Expenses | $367.04 |

### Fixed Expenses

<table>
<thead>
<tr>
<th>Item</th>
<th>Unit</th>
<th>Quantity</th>
<th>Price ($/bu)</th>
<th>Total ($/bu)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Machinery</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Capital Recovery (Table 3)</td>
<td>Acre</td>
<td>1</td>
<td>$103.81</td>
<td>$103.81</td>
</tr>
<tr>
<td>Other Fixed Machinery Costs</td>
<td>Acre</td>
<td>1</td>
<td>$0.00</td>
<td>$0.00</td>
</tr>
<tr>
<td>General Overhead</td>
<td>Acre</td>
<td>1</td>
<td>$20.00</td>
<td>$20.00</td>
</tr>
<tr>
<td>Cash Rent (Table 3)</td>
<td>Acre</td>
<td>1</td>
<td>$104.00</td>
<td>$104.00</td>
</tr>
<tr>
<td>Insurance (Non-Machinery)</td>
<td>Acre</td>
<td>1</td>
<td>$0.00</td>
<td>$0.00</td>
</tr>
<tr>
<td>Management Labor</td>
<td>Acre</td>
<td>1</td>
<td>$25.00</td>
<td>$25.00</td>
</tr>
<tr>
<td>Other</td>
<td>Acre</td>
<td>1</td>
<td>$0.00</td>
<td>$0.00</td>
</tr>
</tbody>
</table>

**Total Fixed Expenses**

| Total Fixed Expenses | $252.81 |

**Total Expenses**

| Total Expenses | $874.52 |

**Return Above Specified Expenses**

| Return Above Specified Expenses | $114.23 |

### Breakeven Price for Selected Yield

<table>
<thead>
<tr>
<th>Yield (bu)</th>
<th>Variable Cost ($/bu)</th>
<th>Total Specified Cost ($/bu)</th>
</tr>
</thead>
<tbody>
<tr>
<td>125</td>
<td>$4.97</td>
<td>$7.00</td>
</tr>
<tr>
<td>135</td>
<td>$4.61</td>
<td>$6.48</td>
</tr>
<tr>
<td>145</td>
<td>$4.29</td>
<td>$6.03</td>
</tr>
<tr>
<td>155</td>
<td>$4.01</td>
<td>$5.64</td>
</tr>
<tr>
<td>165</td>
<td>$3.77</td>
<td>$5.30</td>
</tr>
<tr>
<td><strong>175</strong></td>
<td><strong>$3.55</strong></td>
<td><strong>$5.00</strong></td>
</tr>
<tr>
<td>185</td>
<td>$3.36</td>
<td>$4.73</td>
</tr>
<tr>
<td>195</td>
<td>$3.19</td>
<td>$4.48</td>
</tr>
<tr>
<td>205</td>
<td>$3.03</td>
<td>$4.27</td>
</tr>
<tr>
<td>215</td>
<td>$2.89</td>
<td>$4.07</td>
</tr>
<tr>
<td>225</td>
<td>$2.76</td>
<td>$3.89</td>
</tr>
</tbody>
</table>

### Breakeven Yield for Selected Price

<table>
<thead>
<tr>
<th>Price ($/bu)</th>
<th>Variable Cost (bu)</th>
<th>Total Specified Cost (bu)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>$4.40</strong></td>
<td>141</td>
<td>199</td>
</tr>
<tr>
<td>$4.65</td>
<td>134</td>
<td>188</td>
</tr>
<tr>
<td>$4.90</td>
<td>127</td>
<td>178</td>
</tr>
<tr>
<td>$5.15</td>
<td>121</td>
<td>170</td>
</tr>
<tr>
<td>$5.40</td>
<td>115</td>
<td>162</td>
</tr>
<tr>
<td><strong>$5.65</strong></td>
<td><strong>110</strong></td>
<td><strong>155</strong></td>
</tr>
<tr>
<td>$5.90</td>
<td>105</td>
<td>148</td>
</tr>
<tr>
<td>$6.15</td>
<td>101</td>
<td>142</td>
</tr>
<tr>
<td>$6.40</td>
<td>97</td>
<td>137</td>
</tr>
<tr>
<td>$6.65</td>
<td>93</td>
<td>132</td>
</tr>
<tr>
<td>$6.90</td>
<td>90</td>
<td>127</td>
</tr>
</tbody>
</table>
### Table 1. Fertilizer & Lime

<table>
<thead>
<tr>
<th>Fertilizer</th>
<th>Description</th>
<th>Quantity (lbs.)</th>
<th>Price ($)</th>
<th>Total ($/Acre)</th>
<th>Your Farm ($/Acre)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nitrogen</td>
<td>Urea - Planting</td>
<td>60</td>
<td>$0.95</td>
<td>$56.93</td>
<td></td>
</tr>
<tr>
<td></td>
<td>UAN 32 - Side dress</td>
<td>120</td>
<td>$1.02</td>
<td>$122.25</td>
<td></td>
</tr>
<tr>
<td>Phosphorous</td>
<td>P₂O₅</td>
<td>70</td>
<td>$0.61</td>
<td>$42.75</td>
<td></td>
</tr>
<tr>
<td>Potassium</td>
<td>K₂O</td>
<td>70</td>
<td>$0.65</td>
<td>$45.50</td>
<td></td>
</tr>
<tr>
<td>Zinc Sulfate</td>
<td></td>
<td>15</td>
<td>$1.00</td>
<td>$15.00</td>
<td></td>
</tr>
<tr>
<td>Ammonium Sulfate</td>
<td></td>
<td>50</td>
<td>$0.37</td>
<td>$18.50</td>
<td></td>
</tr>
<tr>
<td>Lime</td>
<td>Limestone</td>
<td>1,000</td>
<td>$35.00</td>
<td>$17.50</td>
<td></td>
</tr>
</tbody>
</table>

### Table 2. Chemicals

<table>
<thead>
<tr>
<th>Chemical</th>
<th>Function</th>
<th>Description</th>
<th>Unit</th>
<th>Number of Apps.</th>
<th>Quantity</th>
<th>Price ($)</th>
<th>Total ($/Acre)</th>
<th>Your Farm ($/Acre)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Herbicides</td>
<td>Burndown</td>
<td>Gramoxone SL</td>
<td>oz.</td>
<td>1</td>
<td>40</td>
<td>$0.27</td>
<td>$10.80</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Pre-Emerge</td>
<td>Atrazine</td>
<td>qt.</td>
<td>1</td>
<td>1</td>
<td>$3.87</td>
<td>$3.87</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Post-Emerge</td>
<td>Halex GT</td>
<td>pt.</td>
<td>1</td>
<td>3.6</td>
<td>$8.06</td>
<td>$29.02</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Harvest Aid</td>
<td>Surfactant</td>
<td>$/acre</td>
<td>3</td>
<td>1.0</td>
<td>$1.50</td>
<td>$4.50</td>
<td></td>
</tr>
<tr>
<td>Insecticides</td>
<td>Other</td>
<td></td>
<td></td>
<td>0</td>
<td>0</td>
<td>$0.00</td>
<td>$0.00</td>
<td></td>
</tr>
<tr>
<td>Fungicides</td>
<td>Other</td>
<td></td>
<td></td>
<td>0</td>
<td>0</td>
<td>$0.00</td>
<td>$0.00</td>
<td></td>
</tr>
</tbody>
</table>

### Table 3. Machinery

<table>
<thead>
<tr>
<th>Power Unit</th>
<th>Implement</th>
<th>Size</th>
<th>Capital Recovery</th>
<th>Repairs &amp; Maintenance</th>
<th>Fuel, Oil &amp; Filter</th>
<th>Labor</th>
<th>Total</th>
<th>Your Farm ($/Acre)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Burndown</td>
<td>SP Boom Sprayer</td>
<td>90'</td>
<td>$7.97</td>
<td>$0.29</td>
<td>$0.33</td>
<td>$0.32</td>
<td>$8.92</td>
<td></td>
</tr>
<tr>
<td>Fertilize</td>
<td>Tractor, 215 hp</td>
<td>Fertilizer Spreader</td>
<td>$4.25</td>
<td>$1.56</td>
<td>$2.18</td>
<td>$1.68</td>
<td>$9.67</td>
<td></td>
</tr>
<tr>
<td>Plant</td>
<td>Tractor, 215 hp</td>
<td>Planter</td>
<td>16-row</td>
<td>$13.39</td>
<td>$2.84</td>
<td>$2.05</td>
<td>$1.59</td>
<td>$19.87</td>
</tr>
<tr>
<td>Weed Control</td>
<td>SP Boom Sprayer</td>
<td>90'</td>
<td>$7.97</td>
<td>$0.29</td>
<td>$0.33</td>
<td>$0.32</td>
<td>$8.92</td>
<td></td>
</tr>
<tr>
<td>Weed Control</td>
<td>SP Boom Sprayer</td>
<td>90'</td>
<td>$7.97</td>
<td>$0.29</td>
<td>$0.33</td>
<td>$0.32</td>
<td>$8.92</td>
<td></td>
</tr>
<tr>
<td>Weed Control</td>
<td>SP Boom Sprayer</td>
<td>90'</td>
<td>$7.97</td>
<td>$0.29</td>
<td>$0.33</td>
<td>$0.32</td>
<td>$8.92</td>
<td></td>
</tr>
<tr>
<td>Fertilize</td>
<td>Tractor, 215 hp</td>
<td>Fertilizer Spreader</td>
<td>$4.25</td>
<td>$1.56</td>
<td>$2.18</td>
<td>$1.68</td>
<td>$9.67</td>
<td></td>
</tr>
<tr>
<td>Harvest</td>
<td>Combine</td>
<td>Corn Head</td>
<td>8-row</td>
<td>$32.11</td>
<td>$33.14</td>
<td>$7.63</td>
<td>$3.27</td>
<td>$76.15</td>
</tr>
<tr>
<td>Haul</td>
<td>Tractor, 215 hp</td>
<td>Grain Cart</td>
<td>800 bu</td>
<td>$5.99</td>
<td>$0.81</td>
<td>$1.33</td>
<td>$1.03</td>
<td>$9.17</td>
</tr>
<tr>
<td>Haul</td>
<td>Semi Tractor/Trailer</td>
<td></td>
<td>$7.68</td>
<td>$1.25</td>
<td>$0.79</td>
<td>$1.76</td>
<td>$11.48</td>
<td></td>
</tr>
<tr>
<td>Other</td>
<td></td>
<td></td>
<td>$0.00</td>
<td>$0.00</td>
<td>$0.00</td>
<td>$0.00</td>
<td>$0.00</td>
<td></td>
</tr>
</tbody>
</table>

Total $103.81 | $43.89 | $19.66 | $13.98 | $181.35 |