# Costs and Returns per acre from growing soft white wheat, 2006

**Millard County - Fillmore**

<table>
<thead>
<tr>
<th>Receipts</th>
<th>Quantity per acre</th>
<th>Unit</th>
<th>Price/cost per unit</th>
<th>Value/cost per acre</th>
<th>Base Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wheat</td>
<td>85.0</td>
<td>bushels</td>
<td>$4.28</td>
<td>$364.08</td>
<td>$364.08</td>
</tr>
<tr>
<td>Straw</td>
<td>1.00</td>
<td>tons</td>
<td>$48.00</td>
<td>$48.00</td>
<td>$48.00</td>
</tr>
<tr>
<td><strong>Subtotal</strong></td>
<td></td>
<td></td>
<td></td>
<td><strong>$412.08</strong></td>
<td><strong>$412.08</strong></td>
</tr>
</tbody>
</table>

## Operating costs

### Land preparation
- Discing: 2 acre, $3.73, $7.47
- Plowing: 1 acre, $5.88, $5.88
- Roller harrow: 1 acre, $3.64, $3.64
- Planting: 1 acre, $2.96, $2.96
- Seed: 100 pounds, $0.17, $17.00

### Fertilization
- Nitrogen (34-0-0): 278 pounds, $0.18, $49.62
- Phosphate (11-52-0): 48 pounds, $0.18, $8.57
- Custom application: 1 acre, $7.82, $7.82

### Pesticides/herbicides
- 2,4-D: 1.25 pint, $2.75, $3.44
- Sevin XLR Plus: 1 unit, $4.10, $4.10
- Custom application: 1 acre, $7.82, $7.82

### Irrigation (wheel line)
- Labor: 1.00 hours, $10.00, $10.00
- Water assessment: - share, $20.00, $0.00
- Repairs/maintenance: 1 acre, $2.30, $2.30
- Pumping: 22 acre inch, $0.00, $0.00
- Custom combine: 1 acre, $26.00, $26.00
- Haul grain (custom): 85.0 bushel, $0.06, $5.10

### Harvesting straw
- Swathing: 1 acre, $4.03, $4.03
- Baling: 1.00 tons, $4.79, $4.79
- Haul/stack straw: 1.00 tons, $3.63, $3.63

### Crop insurance (75% Yield, 100% Price)
- 1 acre, $15.59, $15.59

### Interest on operating capital
- 7.61%, $4.72, $4.72

### Subtotal
- $194.49, $182.03

## Ownership costs (excludes cost of land)
- Farm insurance: 1 acre, $2.00, $2.00
- Machinery ownership costs: 1 acre, $64.15, $64.15
- Irrigation equipment costs: 1 acre, $8.25, $8.25

### Total costs
- $268.89, $256.43

## Net returns to owner for unpaid labor, management, equity and risk
- Above operating costs: $217.60, $230.05
- Above total listed costs: $143.20, $155.65

### Breakeven Table - Wheat

<table>
<thead>
<tr>
<th>Yield (Bu/ Ac)</th>
<th>Selling Price ($/Bu)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>$3.28</td>
</tr>
<tr>
<td>70.00</td>
<td>$84.25</td>
</tr>
<tr>
<td>75.00</td>
<td>$100.36</td>
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<td>80.00</td>
<td>$116.48</td>
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<td>85.00</td>
<td>$132.60</td>
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<tr>
<td>90.00</td>
<td>$148.71</td>
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<tr>
<td>95.00</td>
<td>$164.83</td>
</tr>
<tr>
<td>100.00</td>
<td>$180.95</td>
</tr>
</tbody>
</table>

Assumptions
1. Grain planted in late September and harvested in July.