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

Cache County

### Receipts

<table>
<thead>
<tr>
<th></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>82.0</td>
<td>bushels</td>
<td>$3.60</td>
<td>$295.20</td>
<td>$295.20</td>
</tr>
<tr>
<td>Straw</td>
<td>0.70</td>
<td>tons</td>
<td>$40.00</td>
<td>$28.00</td>
<td>$28.00</td>
</tr>
</tbody>
</table>

**Subtotal**  
$323.20  
$323.20

### Operating costs

**Land preparation**

- Plowing: 1 acre, $5.88
- Discing: 1 acre, $3.73
- Land plane: 1 acre, $3.34
- Roller harrow: 2 acres, $7.28

**Planting**

- 1 acre, $2.96

**Seed**

- 100 pounds, $0.17

**Fertilization**

- Nitrogen (34-0-0), 300 pounds, $0.18
- Phosphate (11-52-0), 48 pounds, $0.18
- Custom application, 1 acre, $7.82

**Pesticides/herbicides**

- 2-4-D, 1.25 pint, $2.75
- Lorsban, 0.75 pint, $4.85
- Puma, 0.67 pint, $25.00
- Custom application, 1 acre, $7.82

**Irrigation (wheel line)**

- 2 irrigations, $10.00

**Labor**

- 0.67 hours, $10.00

**Water assessment**

- 1 share, $10.00

**Repairs/maintenance**

- 1 acre, $2.30

**Pumping**

- 22 acre inch, $0.00

**Harvesting**

- 1 acre, $28.00
- Haul grain (custom): 82.0 bushels, $0.08
- Baling: 82.0 tons, $4.79
- Haul/stack straw: 0.70 tons, $3.63

**Crop insurance (75% Yield, 100% Price)**

- 1 acre, $13.27

**Interest on operating capital**

- 7.61%, $5.61

**Subtotal**  
$220.08  
$220.08

### Ownership costs (excludes cost of land)

- Farm insurance: 1 acre, $2.00
- Machinery ownership costs: 1 acre, $64.65
- Irrigation equipment: 1 acre, $8.25

**Total costs**  
$294.98  
$294.98

### Net returns to owner for unpaid labor, management, equity and risk

- Above operating costs  
  $103.12

- Above total listed costs  
  $28.22

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**Breakeven Table - Wheat**

Net returns per acre above operating costs

<table>
<thead>
<tr>
<th>Yield (Bu/Ac)</th>
<th>Selling Price ($/Bu)</th>
<th>$2.60</th>
<th>$3.10</th>
<th>$3.60</th>
<th>$4.10</th>
</tr>
</thead>
<tbody>
<tr>
<td>67.00</td>
<td>-$16.68</td>
<td>$16.82</td>
<td>$50.32</td>
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<tr>
<td>72.00</td>
<td>-$4.08</td>
<td>$31.92</td>
<td>$67.92</td>
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<tr>
<td>77.00</td>
<td>$8.52</td>
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<tr>
<td>82.00</td>
<td>$21.12</td>
<td>$62.12</td>
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<td>$144.12</td>
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<tr>
<td>87.00</td>
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<td>92.00</td>
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<tr>
<td>97.00</td>
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<td>$155.92</td>
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