## Costs and Returns per acre from growing oat hay, 2006
### Garfield County - Escalante

<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>
<th>Your Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oat hay</td>
<td>2.1</td>
<td>tons</td>
<td>$67.67</td>
<td>$142.10</td>
<td>$142.10</td>
<td></td>
</tr>
<tr>
<td>Residue</td>
<td>0.25</td>
<td>AUM</td>
<td>$11.53</td>
<td>$2.88</td>
<td>$2.88</td>
<td></td>
</tr>
<tr>
<td><strong>Subtotal</strong></td>
<td></td>
<td></td>
<td></td>
<td>$144.98</td>
<td>$144.98</td>
<td></td>
</tr>
</tbody>
</table>

### Operating costs

- **Land preparation**
  - Plowing: 1 acre, $22.78
  - roller harrow: 2 acre, $28.66
- **Planting**
  - 1 acre, $12.21
- **Seed**
  - 100 pounds, $0.17
- **Fertilization**
  - Nitrogen (34-0-0): 278 pounds, $49.62
  - Phosphate (11-52-0): 96 pounds, $17.14
  - Custom application: 1 acre, $7.82
- **Pesticides/herbicides**
  - 2-4-D: 2 pints, $0.00
  - Custom application: 1 acre, $7.82
- **Irrigation (wheel line)**
  - 2 irrigations
- **Labor**
  - 0.67 hours, $6.67
- **Water assessment**
  - 1 share, $10.00
- **Repairs/maintenance**
  - 1 acre, $2.30
- **Pumping**
  - 22 acre inch, $0.00
- **Harvesting**
  - Swathing: 1 acre, $15.56
  - Turning/raking: 1 acre, $4.69
  - Baling: 2.10 tons, $10.06
  - Hauling/stacking: 2.10 tons, $7.62
  - Interest on operating capital: 7.61%, $7.49
| **Subtotal** |                   |      |                     | $219.62             | $247.77    |            |

### Ownership costs (excludes cost of land)

- **Farm insurance**
  - 1 acre, $2.00
- **Machinery ownership costs**
  - 1 acre, $0.00
- **Irrigation equipment costs**
  - 1 acre, $8.25
| **Total costs** |                   |      |                     | $229.87             | $258.02    |            |

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

- Above operating costs: -$74.63, -$102.79
- Above total listed costs: -$84.88, -$113.04

### Breakeven Table - Oat Hay

<table>
<thead>
<tr>
<th>Yield (Ton/Ac)</th>
<th>Selling Price ($/ton)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>$57.67</td>
</tr>
<tr>
<td>0.60</td>
<td>-169.50</td>
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<tr>
<td>1.10</td>
<td>-144.88</td>
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<tr>
<td>1.60</td>
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<tr>
<td>3.10</td>
<td>-46.39</td>
</tr>
<tr>
<td>3.60</td>
<td>-21.76</td>
</tr>
</tbody>
</table>

**Assumptions**

1. Oats planted in May and harvested in July.
2. Interest computed on land preparation and planting costs for 10 months and fertilization/herbicide/irrigation costs for 4 months.
3. Custom rates for all field operations.
4. Only owned machinery are a loader and truck.

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