<table>
<thead>
<tr>
<th>Operation</th>
<th>Hours per Acre</th>
<th>Cash and labor cost per acre</th>
<th>Your Estimate Costs</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Fuel and Labor Repairs</td>
<td>Materials, kind and quantity -- Cost</td>
</tr>
<tr>
<td>Cultural Costs, 1st Year</td>
<td></td>
<td>1.13</td>
<td>1.78</td>
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<tr>
<td>Fertilize</td>
<td>.3</td>
<td>.68</td>
<td>.32</td>
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<tr>
<td>Disk &amp; harrow 2 x</td>
<td>.6</td>
<td>1.35</td>
<td>2.08</td>
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<tr>
<td>Pre-irrigate</td>
<td>.8</td>
<td>1.32</td>
<td>1.32</td>
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<tr>
<td>List beds &amp; shape</td>
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<td>.68</td>
<td>.84</td>
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<tr>
<td>Roll beds</td>
<td>.2</td>
<td>.45</td>
<td>.18</td>
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<td>Plant</td>
<td>.3</td>
<td>.68</td>
<td>.42</td>
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<tr>
<td>Weed spray</td>
<td>.25</td>
<td>.56</td>
<td>.48</td>
</tr>
<tr>
<td>Irrigate 8 x</td>
<td>4.8</td>
<td>7.92</td>
<td>7.92</td>
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<tr>
<td>Cultivate</td>
<td>.28</td>
<td>.63</td>
<td>.38</td>
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<tr>
<td>Total</td>
<td>15.40</td>
<td>6.48</td>
<td>55.60</td>
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<tr>
<td>Cultural Costs, 2nd Year</td>
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<td></td>
<td></td>
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<tr>
<td>Cultivate 2 x</td>
<td>.56</td>
<td>1.26</td>
<td>.76</td>
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<tr>
<td>Irrigate 8 x</td>
<td>4.8</td>
<td>7.92</td>
<td>7.92</td>
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<td>Hand weed</td>
<td>12.0</td>
<td>19.80</td>
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<td><strong>TOTAL CULTURAL COSTS</strong></td>
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<td>7.24</td>
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<td>Harvest Costs</td>
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<td>Cutting heads</td>
<td>75.0</td>
<td>123.75</td>
<td>123.75</td>
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<td>Haul to tarps</td>
<td>3.0</td>
<td>6.75</td>
<td>6.75</td>
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<td>spread heads on tarps</td>
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<td>19.80</td>
<td>19.80</td>
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<td>Turn heads 4 x</td>
<td>2.0</td>
<td>3.30</td>
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<td>Thresh</td>
<td></td>
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</tr>
<tr>
<td>skilled labor</td>
<td>2.5</td>
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<td>unskilled labor</td>
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<td>thresher</td>
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<td>30.00</td>
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<td><strong>TOTAL HARVEST COSTS</strong></td>
<td>193.34</td>
<td>3.00</td>
<td>12.00</td>
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</tbody>
</table>
### Cash Overhead

- Misc., office, etc. and interest on operating capital (6% of above)  
  - Rent  
  - Total 80.00

### Total Cash Overhead

- Total 97.01

### Total Cash Cost

- Management 5% of 800 @ .90 = $720 x 5%  
  - Total 36.00

### Investment Costs

<table>
<thead>
<tr>
<th>INVESTMENT</th>
<th>Per Acre</th>
<th>Annual Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Irrigation</td>
<td>150.00</td>
<td>15.00</td>
</tr>
<tr>
<td>Equipment</td>
<td>227.67</td>
<td>22.40</td>
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<tr>
<td>Total</td>
<td></td>
<td>37.40</td>
</tr>
</tbody>
</table>

### Total Cost Per Acre

- 507.29
- Cost per lb. @ 800 yield .63.4¢

Direct seeded onions should be planted about August 1. The field should be pre-irrigated before planting. A sprinkler system is best for germinating the onion seeds. Several irrigations will be needed from August 1 to October 1.

Weed control is very essential for success. Summer fallow or pre-cropping with a cereal crop for weed clean up is strongly recommended.

Onion field must be about a mile from other onion fields. A supply of honey bees is needed to get good pollination of flowers.

Diseases and damaging insects have not been problems on onions in the Fall River Valley.