### SAMPLE COSTS TO PRODUCE PECANS
Southern San Joaquin Valley - 1984

<table>
<thead>
<tr>
<th>Operation</th>
<th>Labor Hours per Acre</th>
<th>Cash and Labor Costs per Acre</th>
<th>Total Cost</th>
<th>Your Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Labor &amp; Repairs</td>
<td>Fuel &amp; Repair</td>
<td>Kind and Quantity</td>
<td>Cost</td>
</tr>
<tr>
<td>Pruning</td>
<td>4 30.00</td>
<td>Tower Rental $20/hr.</td>
<td>80.00</td>
<td>110.00</td>
</tr>
<tr>
<td>Brush Disposal</td>
<td>4 30.00</td>
<td>100 lbs. N @ .33/lb.</td>
<td>33.00</td>
<td>33.00</td>
</tr>
<tr>
<td>Fertilizer</td>
<td></td>
<td>Custom application</td>
<td>6.00</td>
<td>6.00</td>
</tr>
<tr>
<td>Zinc Nutrition 4X</td>
<td></td>
<td>Custom Application</td>
<td>56.00</td>
<td>56.00</td>
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<tr>
<td>Spray: Pest Control 3X</td>
<td></td>
<td>Custom Application</td>
<td>42.00</td>
<td>42.00</td>
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<tr>
<td>Tillage and Irrig. prep.</td>
<td>1 5.75</td>
<td>3.5 ac. ft. @ $14.00/</td>
<td>55.00</td>
<td>60.75</td>
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<tr>
<td>Irrigation</td>
<td></td>
<td>ac. ft. + $6.00 tax</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Spray: weed control</td>
<td>2.5 18.75 22.50</td>
<td>Materials &amp; Applic.</td>
<td>26.00</td>
<td>41.25</td>
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<tr>
<td>Interest on operating capital @ 13%</td>
<td>1 7.50 7.00</td>
<td></td>
<td>14.50</td>
<td></td>
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<tr>
<td>TOTAL CULTURAL COSTS</td>
<td>13.5 97.75 37.50</td>
<td></td>
<td>337.00</td>
<td>563.93</td>
</tr>
<tr>
<td>Harvest costs:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Shake, pick haul</td>
<td></td>
<td>Custom $120/ton</td>
<td>120.00</td>
<td>120.00</td>
</tr>
<tr>
<td>Hull and Dry</td>
<td></td>
<td>$120/ton</td>
<td>120.00</td>
<td>120.00</td>
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<tr>
<td>TOTAL HARVEST COSTS</td>
<td></td>
<td></td>
<td>240.00</td>
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</tr>
<tr>
<td>Cash overhead:</td>
<td></td>
<td></td>
<td></td>
<td>64.31</td>
</tr>
<tr>
<td>Office and business costs</td>
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<td></td>
<td></td>
<td>120.00</td>
</tr>
<tr>
<td>County Taxes</td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>TOTAL CASH OVERHEAD COSTS</td>
<td></td>
<td></td>
<td>184.31</td>
<td></td>
</tr>
<tr>
<td>TOTAL CASH COSTS</td>
<td></td>
<td></td>
<td>988.24</td>
<td></td>
</tr>
<tr>
<td>TOTAL CASH COST PER TON</td>
<td></td>
<td></td>
<td>988.24</td>
<td></td>
</tr>
<tr>
<td>Investment</td>
<td>Per Acre</td>
<td>Annual Cost</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Equipment &amp; buildings</td>
<td>880.00</td>
<td>Depreciation</td>
<td>67.67</td>
<td>57.20</td>
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<tr>
<td>Trees 40 yr. depreciation</td>
<td>11352.00</td>
<td></td>
<td>283.80</td>
<td>737.88</td>
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<tr>
<td>Land</td>
<td>6000.00</td>
<td></td>
<td>780.00</td>
<td>780.00</td>
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<tr>
<td>TOTAL INVESTMENT COSTS</td>
<td>18232.00</td>
<td></td>
<td>351.47</td>
<td>1575.08</td>
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<tr>
<td>TOTAL COSTS PER ACRE</td>
<td></td>
<td></td>
<td>2914.79</td>
<td></td>
</tr>
<tr>
<td>Cost per ton @ 2000 lbs. yield</td>
<td>UC Cooperative Extension</td>
<td></td>
<td>2914.79</td>
<td></td>
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</table>
## Cost of Producing Pecans at Varying Yields

<table>
<thead>
<tr>
<th></th>
<th>500</th>
<th>1000</th>
<th>1500</th>
<th>2000</th>
<th>2500</th>
<th>3000</th>
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<tbody>
<tr>
<td><strong>Cultural costs</strong></td>
<td>563.93</td>
<td>563.93</td>
<td>563.93</td>
<td>563.93</td>
<td>563.93</td>
<td>563.93</td>
</tr>
<tr>
<td><strong>Harvest cost</strong></td>
<td>150.00</td>
<td>180.00</td>
<td>210.00</td>
<td>240.00</td>
<td>300.00</td>
<td>360.00</td>
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<tr>
<td><strong>Cash overhead</strong></td>
<td>177.11</td>
<td>179.51</td>
<td>181.91</td>
<td>184.31</td>
<td>189.11</td>
<td>193.91</td>
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<tr>
<td><strong>Total cash cost</strong></td>
<td>891.04</td>
<td>923.44</td>
<td>955.84</td>
<td>988.24</td>
<td>1053.04</td>
<td>1117.84</td>
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<tr>
<td><strong>Investment cost</strong></td>
<td>1926.55</td>
<td>1926.55</td>
<td>1926.55</td>
<td>1926.55</td>
<td>1926.55</td>
<td>1926.55</td>
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<tr>
<td><strong>Total cost</strong></td>
<td>2817.59</td>
<td>2849.99</td>
<td>2882.39</td>
<td>2914.79</td>
<td>2979.59</td>
<td>3044.39</td>
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## Income Above Cash Costs at Varying Yields & Prices

<table>
<thead>
<tr>
<th>CENTS PER POUND</th>
<th>500</th>
<th>1000</th>
<th>1500</th>
<th>2000</th>
<th>2500</th>
<th>3000</th>
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</thead>
<tbody>
<tr>
<td>80</td>
<td>-491.04</td>
<td>-123.44</td>
<td>244.16</td>
<td>611.76</td>
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<tr>
<td>85</td>
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<tr>
<td>90</td>
<td>-441.04</td>
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<tr>
<td>95</td>
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<td>469.16</td>
<td>911.76</td>
<td>1321.96</td>
<td>1732.16</td>
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<tr>
<td>100</td>
<td>-391.04</td>
<td>76.56</td>
<td>544.16</td>
<td>1011.76</td>
<td>1446.96</td>
<td>1882.16</td>
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<tr>
<td>105</td>
<td>-366.04</td>
<td>126.56</td>
<td>619.16</td>
<td>1111.76</td>
<td>1571.96</td>
<td>2032.16</td>
</tr>
<tr>
<td>110</td>
<td>-341.04</td>
<td>176.56</td>
<td>694.16</td>
<td>1211.76</td>
<td>1696.96</td>
<td>2182.16</td>
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<tr>
<td>115</td>
<td>-316.04</td>
<td>226.56</td>
<td>769.16</td>
<td>1311.76</td>
<td>1821.96</td>
<td>2332.16</td>
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<tr>
<td>120</td>
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<td>844.16</td>
<td>1411.76</td>
<td>1946.96</td>
<td>2482.16</td>
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</table>

## Income Above Total Costs at Varying Yields & Prices

<table>
<thead>
<tr>
<th>CENTS PER POUND</th>
<th>500</th>
<th>1000</th>
<th>1500</th>
<th>2000</th>
<th>2500</th>
<th>3000</th>
</tr>
</thead>
<tbody>
<tr>
<td>80</td>
<td>-2417.59</td>
<td>-2049.99</td>
<td>-1682.39</td>
<td>-1314.79</td>
<td>-979.59</td>
<td>-644.39</td>
</tr>
<tr>
<td>100</td>
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<td>-1849.99</td>
<td>-1382.39</td>
<td>-914.79</td>
<td>-479.59</td>
<td>-44.39</td>
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<tr>
<td>105</td>
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<td>-1799.99</td>
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<tr>
<td>110</td>
<td>-2267.59</td>
<td>-1749.99</td>
<td>-1232.39</td>
<td>-714.79</td>
<td>-229.59</td>
<td>255.61</td>
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<tr>
<td>115</td>
<td>-2242.59</td>
<td>-1699.99</td>
<td>-1157.39</td>
<td>-614.79</td>
<td>-104.59</td>
<td>405.61</td>
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<tr>
<td>120</td>
<td>-2217.59</td>
<td>-1649.99</td>
<td>-1082.39</td>
<td>-514.79</td>
<td>20.41</td>
<td>555.61</td>
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</table>
## PECAN ORCHARD
Southern San Joaquin Valley - 1984

### EQUIPMENT AND BUILDING LIST

<table>
<thead>
<tr>
<th>ITEM</th>
<th>ORIGINAL COST</th>
<th>ANNUAL USE (ACRES)</th>
<th>COST PER ACRE</th>
<th>LIFE (YEARS)</th>
<th>DEPRECIATION</th>
<th>INTEREST AT 13%</th>
<th>COST PER HOUR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tractors:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>55 HP wheel diesel</td>
<td>30000</td>
<td>60</td>
<td>500.00</td>
<td>10</td>
<td>50.00</td>
<td>32.50</td>
<td>7.00</td>
</tr>
<tr>
<td>Disk, tandem 14'</td>
<td>7500</td>
<td>60</td>
<td>125.00</td>
<td>10</td>
<td>12.50</td>
<td>8.13</td>
<td>3.60</td>
</tr>
<tr>
<td>Float</td>
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<td>158.33</td>
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<td>15.83</td>
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</tr>
<tr>
<td>Mower</td>
<td>4000</td>
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<td>66.67</td>
<td>10</td>
<td>6.67</td>
<td>4.33</td>
<td>2.00</td>
</tr>
<tr>
<td>Brush Rake</td>
<td>1000</td>
<td>60</td>
<td>16.67</td>
<td>15</td>
<td>1.11</td>
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<td>1.00</td>
</tr>
<tr>
<td>Pipeline Irrigation System</td>
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<td>400.00</td>
<td>20</td>
<td>20.00</td>
<td>26.00</td>
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<tr>
<td>Buildings</td>
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<td>200.00</td>
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<td>13.00</td>
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<tr>
<td><strong>TOTAL COST</strong></td>
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<td>1466.67</td>
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<tr>
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<td>880.00</td>
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<td>67.67</td>
<td>57.20</td>
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</table>

UC Cooperative Extension