## 2014 Estimated Costs and Returns per Acre

**Pecan (Operational) - 100 Acres**

**Southwest Extension District - 10**

<table>
<thead>
<tr>
<th>Crop Acres</th>
<th>100</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>REVENUE</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Quantity</strong></td>
<td><strong>Units</strong></td>
</tr>
<tr>
<td><strong>Total Revenue</strong></td>
<td>$2,137.50</td>
</tr>
</tbody>
</table>

| **VARIABLE COSTS** |     |
| **Quantity** | **Units** | **$/Unit** | **Total** |

### Production Costs

**Fertilizer**
- 11-52-0: 60 Pound $0.26 $20.80 $208.00
- N-32 in Water: 140.5 Pound $0.17 $23.89 $328.50
- N-32 in Water: 32 Pound $0.17 $5.44 $54.40
- N-32 in Water: 34 Pound $0.17 $5.78 $57.80
- Zinc, Chelated 10%: 4 Pint $1.13 $4.50 $45.00
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**Herbicide**
- Glyphosate: 2.83 Pint $2.25 $6.37 $63.75
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**Insecticide**
- Confirm 2F: 12 Ounce $1.54 $18.48 $184.80
- Lornado 4E: 2.5 Pint $0.25 $13.13 $131.30

### Other Chemicals

- Crop Oil Concentrate: 8 Pint $2.50 $20.00 $200.00
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### Miscellaneous

- Miscellaneous Pecan Overhead: 1 Acre $4.00 $4.00 $40.00
- Electricity - Pecan Cleaning: 641.25 KWhour $0.18 $115.43 $1154.30
- Pecan Cleaning Repairs: 950 Pound $0.17 $161.09 $1610.90

### Custom

- Custom: 0.33 Acre $100.00 $33.00 $330.00

### Irrigation

- Irrigation Labor: 35.21 Mcl $4.25 $149.63 $1496.30

### Labor

- Pecan Cleaning: 2.85 Hour $10.00 $28.50 $285.00

### Machinery Labor

- Machinery Labor: 3.85 Hour $12.00 $46.20 $462.00

### Diesel Fuel

- Diesel Fuel: 16.57 Gallon $2.85 $47.22 $472.20

### Gasoline

- Gasoline: 0.7317073 Gallon $2.45 $1.79 $17.90

### Repairs & Maintenance

- Repairs & Maintenance: 1 Acre $157.60 $157.60 $1576.00
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### Interest on Credit Line

- Interest on Credit Line: 6.00% $17.99 $179.90

### Total Variable Costs

\[ \text{Total Variable Costs} = \$1,141.89 + \$1,648.09 \]

### Planned Returns Above Variable Costs:

\[ \text{Planned Returns Above Variable Costs} = \$505.81 + \$916.94 \]

### Breakeven Price to Cover Variable Costs:

\[ \text{Breakeven Price} = \$1.20 \]

### FIXED COSTS

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Units</th>
<th>$/Unit</th>
<th>Total</th>
</tr>
</thead>
</table>

### Machinery Depreciation

- Equipment Investment: 1 Acre $21.30 $21.30 $213.10
- Equipment Investment: 1 Acre $26.93 $26.93 $269.30
- Equipment Investment: 1 Acre $24.14 $24.14 $241.67
- Equipment Investment: 1 Acre $7.39 $7.39 $73.81

### Equipment Investment

- Equipment Investment: 417.52 Dollars $27.14 $2713.88
- Equipment Investment: 403.92 Dollars $28.25 $2825.48
- Equipment Investment: 329.80 Dollars $21.44 $2143.69
- Equipment Investment: 108.49 Dollars $7.05 $705.17
- Equipment Investment: 100.00 Dollars $101.55 $1015.50
- Equipment Investment: 100.00 Dollars $101.55 $1015.50
- Equipment Investment: 1 Acre $50.00 $50.00 $500.00

### Total Fixed Costs

\[ \text{Total Fixed Costs} = \$113.19 + \$1373.37 \]

### Returns Above Specified Costs

\[ \text{Returns Above Specified Costs} = \$682.62 + \$682.62 \]

### Breakeven Price to Cover Total Costs

\[ \text{Breakeven Price} = \$1.53 \]