## Estimated Costs and Returns per Acre

### 3000 Pound Yield

<table>
<thead>
<tr>
<th>Unit</th>
<th>Quantity</th>
<th>Price or Cost/Unit</th>
<th>Total per Acre</th>
<th>Your Farm</th>
</tr>
</thead>
</table>

### 1. Gross Receipts

- **Peanuts**
  - LBS: 3000.00
  - $0.200
  - $600.00

**Total Receipts:**
- $600.00
- $0.00

### 2. Variable Costs

- **Seed**
  - LBS: 120.00
  - $0.90
  - $108.00
- **Inoculant**
  - OZ: 14.00
  - $1.35
  - $18.90
- **Fertilizer**
  - **Phosphate**
    - LBS: 40.00
    - $0.49
    - $19.60
  - **Potash**
    - LBS: 40.00
    - $0.33
    - $13.20
  - **Boron**
    - LBS: 2.50
    - $1.55
    - $3.88
  - **Manganese**
    - LBS: 5.00
    - $0.44
    - $2.20
  - **Lime (Prorated)**
    - TON: 0.50
    - $45.00
    - $22.50
  - **Land Plaster (Spread)**
    - TON: 0.75
    - $60.00
    - $45.00
  - **Herbicides**
    - ACRE: 1.00
    - $84.11
    - $84.11
  - **Insecticides**
    - ACRE: 1.00
    - $21.09
    - $21.09
  - **Fungicides**
    - ACRE: 1.00
    - $67.66
    - $67.66
  - **Growth Regulator**
    - ACRE: 1.00
    - $24.45
    - $24.45
  - **Consultant Fee**
    - ACRE: 1.00
    - $20.00
    - $20.00
  - **Hauling**
    - TON: 1.50
    - $26.00
    - $39.00
  - **Drying & Cleaning**
    - TON: 1.50
    - $50.00
    - $75.00
  - **State Check-Off Fee**
    - TON: 1.50
    - $2.00
    - $3.00
  - **National Assessment**
    - ACRE: 1.00
    - $5.33
    - $5.33
  - **Crop Insurance**
    - ACRE: 1.00
    - $18.00
    - $18.00
  - **Tractor/Machinery**
    - ACRE: 1.00
    - $55.53
    - $55.53
  - **Labor**
    - HRS: 4.59
    - $9.50
    - $43.61
  - **Interest on Op. Cap.**
    - DOL: $345.03
    - 5.0%
    - $17.25

**Total Variable Costs:**
- $707.31
- $0.00

### 3. Income Above Variable Costs:
- $-107.31
- $0.00

### 4. Fixed Costs

- **Tractor/Machinery**
  - ACRE: 1.00
  - $103.23
  - $103.23

**Total Fixed Costs:**
- $103.23
- $0.00

### 5. Other Costs

- **Land Rent**
  - ACRE: 1.00
  - $60.00
  - $60.00
- **General Overhead**
  - DOL: $707.31
  - 7.0%
  - $49.51

**Total Other Costs:**
- $109.51
- $0.00

### 6. Total Costs:
- $920.05
- $0.00

### 7. Net Returns to Risk and Management:
- $-320.05
- $0.00

#### Break-Even Yield

<table>
<thead>
<tr>
<th>Variable Costs</th>
<th>Break-Even Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>3695 LBS</td>
<td>$0.236</td>
</tr>
<tr>
<td>5078 LBS</td>
<td>$0.307</td>
</tr>
</tbody>
</table>

* Please note: This budget is for planning purposes only.

**National Assessment is 1% of gross receipt at loan rate and is also named National Promotion and Research Assessment.
## Per Acre Machinery and Labor Requirements for 3000 Yield Peanuts

<table>
<thead>
<tr>
<th>Month</th>
<th>Operation</th>
<th>Times</th>
<th>Labor</th>
<th>Machine</th>
<th>Variable Costs</th>
<th>Fixed Costs</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>Strip Till Rig</td>
<td>1.00</td>
<td>0.34</td>
<td>0.31</td>
<td>$5.41</td>
<td>$8.62</td>
</tr>
<tr>
<td>4-9</td>
<td>Hibo</td>
<td>9.00</td>
<td>0.59</td>
<td>0.54</td>
<td>$17.10</td>
<td>$29.70</td>
</tr>
<tr>
<td>6</td>
<td>Fertilizer Spreader</td>
<td>1.00</td>
<td>0.13</td>
<td>0.12</td>
<td>$1.62</td>
<td>$4.03</td>
</tr>
<tr>
<td>10</td>
<td>Digger Inverter 6-Row</td>
<td>1.00</td>
<td>0.37</td>
<td>0.34</td>
<td>$11.19</td>
<td>$11.55</td>
</tr>
<tr>
<td>10</td>
<td>Peanut Combine 4-Row</td>
<td>1.00</td>
<td>0.61</td>
<td>0.55</td>
<td>$20.21</td>
<td>$49.33</td>
</tr>
</tbody>
</table>

**Per Acre Totals for Selected Operations**

- Total Labor (Hrs./Ac.): 2.04
- Total Machinery Hours: 1.86
- Total Fixed Costs: $55.53
- Total Variable Costs: $103.23

## Income Above Variable Costs at Differing Yields and Prices

<table>
<thead>
<tr>
<th>Yield</th>
<th>$0.16</th>
<th>$0.18</th>
<th>$0.20</th>
<th>$0.22</th>
<th>$0.24</th>
</tr>
</thead>
<tbody>
<tr>
<td>2000</td>
<td>-$348.31</td>
<td>-$308.31</td>
<td>-$268.31</td>
<td>-$228.31</td>
<td>-$188.31</td>
</tr>
<tr>
<td>3000</td>
<td>-$229.97</td>
<td>-$169.97</td>
<td>-$109.97</td>
<td>-$49.97</td>
<td>$10.03</td>
</tr>
<tr>
<td>3500</td>
<td>-$170.80</td>
<td>-$100.80</td>
<td>-$30.80</td>
<td>$39.20</td>
<td>$109.20</td>
</tr>
<tr>
<td>4000</td>
<td>-$111.63</td>
<td>-$31.63</td>
<td>$48.37</td>
<td>$128.37</td>
<td>$208.37</td>
</tr>
</tbody>
</table>

## Chemical Use Assumptions for 3000 Yield Peanuts

### Herbicides:
- Glyphosate (Roundup Ultra) 
  - Quantity: 1.50 QT
  - Price/Unit: $5.69
  - Acre Price: $8.53
  - Month: APR
- Pendimethalin (Prowl) 
  - Quantity: 2.30 PT
  - Price/Unit: $6.31
  - Acre Price: $14.52
  - Month: MAY
- Flumioxazin (Valor) 
  - Quantity: 3.00 OZ
  - Price/Unit: $7.06
  - Acre Price: $21.19
  - Month: MAY
- Imazapic (Cadre) 
  - Quantity: 4.00 OZ
  - Price/Unit: $4.29
  - Acre Price: $17.14
  - Month: JUN
- 2, 4-DB 
  - Quantity: 1.00 PT
  - Price/Unit: $4.05
  - Acre Price: $4.05
  - Month: JUN
- Lactofen (Cobra) 
  - Quantity: 12.50 OZ
  - Price/Unit: $1.01
  - Acre Price: $12.59
  - Month: JUL
- Clethodim (Select) 
  - Quantity: 8.00 OZ
  - Price/Unit: $0.76
  - Acre Price: $6.09
  - Month: JUL

### Insecticides:
- Lambda-Cyhalothrin (Karate-Z) 
  - Quantity: 1.60 OZ
  - Price/Unit: $2.77
  - Acre Price: $4.44
  - Month: AUG
- Phorate (Thimet) 
  - Quantity: 5.00 LB
  - Price/Unit: $3.33
  - Acre Price: $16.65
  - Month: MAY

### Fungicides:
- Chlorothalonil (Bravo) 
  - Quantity: 6.50 PT
  - Price/Unit: $5.56
  - Acre Price: $36.16
  - Month: UN/JUL/AUG/SEP
- Tebuconazole (Folicur) 
  - Quantity: 28.80 OZ
  - Price/Unit: $1.09
  - Acre Price: $31.50
  - Month: 4X JUL/AUG/SEP

### Growth Regulator:
- Prohexadione Calcium (Apogee) 
  - Quantity: 4.80 OZ
  - Price/Unit: $5.09
  - Acre Price: $24.45
  - Month: 2X JUL

**Total:** $197.31

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The above listed chemicals are examples and do not imply exclusive recommendations by Clemson University. See PeanutMoneyMaker production guide: virtual.clemson.edu/groups/peanuts. Production assumptions provided by Scott Monfort, Extension Specialist, (803) 284-3343 ext. 231, wmonfor@clemson.edu.