### 1. GROSS RECEIPTS

<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>
| Peanuts (Quota)** | LBS*** | 3800.00 | $0.23 | $874.00 | $

**Total Receipts:** $874.00

### 2. VARIABLE COSTS

- **Seed:**
  - LBS | 130.00 | $0.93 | $120.90 | $
- **Inoculant:**
  - ACRE | 1.00 | $6.00 | $6.00 | $
- **Fertilizer:**
  - LBS | 15.00 | $0.19 | $2.85 | $
- **Phosphate:**
  - LBS | 30.00 | $0.32 | $9.60 | $
- **Potash:**
  - LBS | 90.00 | $0.25 | $22.50 | $
- **Manganese:**
  - LBS | 3.00 | $0.35 | $1.05 | $
- **Boron:**
  - LBS | 2.50 | $1.50 | $3.75 | $
- **Lime (Prorated):**
  - TON | 0.50 | $58.70 | $29.35 | $
- **Gypsum:**
  - TON | 0.60 | $65.70 | $39.42 | $
- **Herbicides:**
  - ACRE | 1.00 | $36.27 | $36.27 | $
- **Insecticides:**
  - ACRE | 1.00 | $34.69 | $34.69 | $
- **Fungicides:**
  - ACRE | 1.00 | $80.34 | $80.34 | $
- **Surfactant:**
  - ACRE | 1.00 | $7.57 | $7.57 | $
- **Scouting:**
  - ACRE | 1.00 | $16.00 | $16.00 | $
- **Hauling:**
  - TON | 1.90 | $12.00 | $22.75 | $
- **Drying & Cleaning:**
  - TON | 1.90 | $45.00 | $85.33 | $
- **State Check-Off Fee:**
  - TON | 1.90 | $3.00 | $5.69 | $
- **National Assessment**:
  - ACRE | 1.00 | $8.74 | $8.74 | $
- **Crop Insurance:**
  - ACRE | 1.00 | $30.00 | $30.00 | $
- **Tractor/Machinery:**
  - ACRE | 1.00 | $59.78 | $59.78 | $
- **Labor:**
  - HRS | 4.21 | $10.32 | $43.45 | $
- **Interest on Op. Cap.:**
  - DOL | $241.99 | 5.3% | $12.70 | $

**Total Variable Costs:** $665.18

### 3. INCOME ABOVE VARIABLE COSTS:

$308.82

### 4. FIXED COSTS

- **Tractor/Machinery:**
  - ACRE | 1.00 | $101.64 | $101.64 | $

**Total Fixed Costs:** $101.64

### 5. OTHER COSTS

- **General Overhead:**
  - DOL | $665.18 | 7.0% | $46.56 | $

**Total Other Costs:** $46.56

### 6. TOTAL COSTS:

$813.38

### 7. NET RETURNS TO LAND, RISK, AND MANAGEMENT:

$60.62

### Break-Even Yield and Price

<table>
<thead>
<tr>
<th>Break-Even Yield</th>
<th>Break-Even Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Variable Costs</td>
<td>2765 LBS***</td>
</tr>
<tr>
<td>Total Costs</td>
<td>3519 LBS***</td>
</tr>
</tbody>
</table>

* This budget was developed for planning purposes only and does not include land rent.
** National Assessment is 1% of Gross Receipt and is also named National Loss, Promotion, Research Assessment.
*** 2016 budget reflects a yield increase of 300 lbs per acre based on 3-5 year trends.
**** Prices paid to farmers are subject to change based on market conditions.
### PEANUTS - CONVENTIONAL VIRGINIA

**PER ACRE MACHINERY AND LABOR REQUIREMENTS FOR 3800 YIELD PEANUTS**

<table>
<thead>
<tr>
<th>Month</th>
<th>Operation</th>
<th>Times</th>
<th>Salary Hours</th>
<th>Machine Hours</th>
<th>Variable Costs</th>
<th>Fixed Costs</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>Heavy Disk 20'</td>
<td>2.00</td>
<td>0.22</td>
<td>0.20</td>
<td>$5.88</td>
<td>$7.38</td>
</tr>
<tr>
<td>4</td>
<td>Subsoiler-Bedder 4-Row</td>
<td>1.00</td>
<td>0.21</td>
<td>0.19</td>
<td>$3.69</td>
<td>$2.76</td>
</tr>
<tr>
<td>4</td>
<td>Peanut Planter</td>
<td>1.00</td>
<td>0.23</td>
<td>0.21</td>
<td>$4.01</td>
<td>$5.62</td>
</tr>
<tr>
<td>4, 5, 6, 7, 8, 9</td>
<td>Hiboy</td>
<td>7.00</td>
<td>0.23</td>
<td>0.21</td>
<td>$14.49</td>
<td>$25.13</td>
</tr>
<tr>
<td>6</td>
<td>Digger Inverter 6-Row</td>
<td>1.00</td>
<td>0.27</td>
<td>0.34</td>
<td>$11.35</td>
<td>$11.54</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>$20.36</td>
<td>$49.21</td>
</tr>
</tbody>
</table>

**PER ACRE TOTALS FOR SELECTED OPERATIONS**

<table>
<thead>
<tr>
<th></th>
<th>Labor</th>
<th>Machine</th>
<th>Variable</th>
<th>Fixed</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1.87</td>
<td>1.70</td>
<td>59.78</td>
<td>$101.64</td>
</tr>
</tbody>
</table>

**UNALLOCATED LABOR (HRS./AC.)**

|          | 2.34  |

### INCOME ABOVE VARIABLE COSTS AT DIFFERING YIELDS AND PRICES

<table>
<thead>
<tr>
<th>yield</th>
<th>$0.20</th>
<th>$0.22</th>
<th>$0.23</th>
<th>$0.25</th>
<th>$0.26</th>
</tr>
</thead>
<tbody>
<tr>
<td>3200</td>
<td>-9.04</td>
<td>$53.91</td>
<td>$85.38</td>
<td>$148.32</td>
<td>$179.79</td>
</tr>
<tr>
<td>3500</td>
<td>$40.99</td>
<td>$109.83</td>
<td>$144.26</td>
<td>$213.10</td>
<td>$247.52</td>
</tr>
<tr>
<td>3800</td>
<td>$91.02</td>
<td>$165.76</td>
<td>$203.14</td>
<td>$277.88</td>
<td>$315.26</td>
</tr>
<tr>
<td>4100</td>
<td>$141.05</td>
<td>$221.69</td>
<td>$262.02</td>
<td>$342.66</td>
<td>$382.99</td>
</tr>
<tr>
<td>4400</td>
<td>$191.07</td>
<td>$277.62</td>
<td>$320.90</td>
<td>$407.44</td>
<td>$450.72</td>
</tr>
</tbody>
</table>

**NC STATE DOES NOT ENDORSE ANY COMPANY OR CHEMICAL NAMES ASSOCIATED TO ACTIVE INGREDIENTS**

**CHEMICALS LISTED ARE NOT A RECOMMENDATION FOR CHEMICAL USE BUT A REPRESENTATION OF COST ASSUMPTIONS ONLY**

### PEST CONTROL ASSUMPTIONS FOR 3800 YIELD PEANUTS

<table>
<thead>
<tr>
<th><strong>Herbicides</strong></th>
<th><strong>Insecticides</strong></th>
<th><strong>Fungicides</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Pendimethalin (Prowl)</td>
<td>PT 0.50 3.94 1.97 APR</td>
<td>Imidacloprid (Admire Pro) OZ 9.00 2.97 26.73 APR</td>
</tr>
<tr>
<td>Flumioxazin (Valor)</td>
<td>OZ 2.00 4.99 9.98 APR</td>
<td>Lambda-cyhalothrin (Karate-Z) OZ 2.00 1.49 2.99 JUL</td>
</tr>
<tr>
<td>Imazapic (Cadre)</td>
<td>OZ 3.00 3.15 9.44 JUN</td>
<td>Acephate (Orthene) OZ 12.00 0.41 4.97 AUG</td>
</tr>
<tr>
<td>2, 4-DB</td>
<td>PT 4.00 3.72 14.88 JUN</td>
<td>Chlorothalonil (Bravo) OZ 1.36 4.50 6.12 JUL</td>
</tr>
<tr>
<td>Pyraclostrobin (Headline)</td>
<td>OZ 8.00 3.11 24.88 JUL</td>
<td>Pyrroliodin (Provost) OZ 10.00 2.29 22.87 AUG</td>
</tr>
<tr>
<td>Prothioconazole + Tebuconazole</td>
<td>OZ 15.00 1.76 26.47 SEP</td>
<td></td>
</tr>
</tbody>
</table>

**TOTAL:** $151.30

Prepared by: Gary Bullen, David Jordan, Derek Washburn
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