Seed Technology: *B2RF, B2XF, WRF, GLT, or GLB2  
Row Spacing: 36  
Tillage: Conventional  
Production: Non-Irrigated  
Seed Per Foot: 2.50  
Seed Per Acre: 36,300

### Lbs/Acre Avg Price** Income/Ac Cents/Lb
<p>|</p>
<table>
<thead>
<tr>
<th>EXPECD INCOME</th>
</tr>
</thead>
<tbody>
<tr>
<td>750</td>
</tr>
</tbody>
</table>

### VARIABLE COST

<table>
<thead>
<tr>
<th>Unit</th>
<th>No. Units</th>
<th>Price/Unit</th>
<th>Cost/Acre</th>
<th>Cents/Lb</th>
</tr>
</thead>
<tbody>
<tr>
<td>Land Rent</td>
<td>Acre</td>
<td>1</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td>Crop Insurance (Excluding STAX)</td>
<td>Acre</td>
<td>1</td>
<td>16.00</td>
<td>16.00</td>
</tr>
<tr>
<td>Seed (Including Tech Fees and Seed Treatments)</td>
<td>1,000 seed</td>
<td>36.3</td>
<td>2.76</td>
<td>100.19</td>
</tr>
<tr>
<td>Lime- Custom Spread</td>
<td>Ton</td>
<td>0.33</td>
<td>42.00</td>
<td>13.86</td>
</tr>
<tr>
<td>Fertilizers</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Nitrogen</td>
<td>Lbs</td>
<td>60</td>
<td>0.42</td>
<td>25.20</td>
</tr>
<tr>
<td>Phosphate (P2O5)</td>
<td>Lbs</td>
<td>50</td>
<td>0.39</td>
<td>19.50</td>
</tr>
<tr>
<td>Potash (K2O)</td>
<td>Lbs</td>
<td>50</td>
<td>0.28</td>
<td>14.00</td>
</tr>
<tr>
<td>Chicken Litter- Custom Spread</td>
<td>Tons</td>
<td>0</td>
<td>44.00</td>
<td>0.00</td>
</tr>
<tr>
<td>Boron, Sulfer, and Others</td>
<td>Acre</td>
<td>1</td>
<td>5.50</td>
<td>5.50</td>
</tr>
<tr>
<td>Weed Control</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pre-Plant Broadcast or PPI</td>
<td>Acre</td>
<td>1</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td>At Planting or PRE</td>
<td>Acre</td>
<td>1</td>
<td>6.21</td>
<td>6.21</td>
</tr>
<tr>
<td>POST</td>
<td>Acre</td>
<td>1</td>
<td>42.25</td>
<td>42.25</td>
</tr>
<tr>
<td>Layby</td>
<td>Acre</td>
<td>1</td>
<td>15.20</td>
<td>15.20</td>
</tr>
<tr>
<td>Hand Weeding</td>
<td>Acre</td>
<td>1</td>
<td>10.00</td>
<td>10.00</td>
</tr>
<tr>
<td>Insect Control</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Scouting</td>
<td>Acre</td>
<td>1</td>
<td>10.00</td>
<td>10.00</td>
</tr>
<tr>
<td>In-Furrow (If no seed treatment used)</td>
<td>Lbs</td>
<td>0</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td>Spray- Caterpillar Pests</td>
<td>Applications</td>
<td>0</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td>Spray- Stink Bugs, Other Pests</td>
<td>Applications</td>
<td>2</td>
<td>4.98</td>
<td>9.96</td>
</tr>
<tr>
<td>Nematicide (If no seed treatment used)</td>
<td>Acre</td>
<td>1</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td>Fungicide (If no seed treatment used)</td>
<td>Acre</td>
<td>1</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td>PGR</td>
<td>Ounces</td>
<td>26</td>
<td>0.055</td>
<td>1.43</td>
</tr>
<tr>
<td>Defoliant and Boll Opener</td>
<td>Acre</td>
<td>1</td>
<td>8.76</td>
<td>8.76</td>
</tr>
<tr>
<td>Machinery and Equipment</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fuel and Lube</td>
<td>Gal</td>
<td>12.69</td>
<td>1.90</td>
<td>24.10</td>
</tr>
<tr>
<td>Repairs and Maintenance</td>
<td>Acre</td>
<td>1</td>
<td>28.58</td>
<td>28.58</td>
</tr>
<tr>
<td>Custom Spray Applications</td>
<td>Applications</td>
<td>0</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td>Custom Picking</td>
<td>Acre</td>
<td>1</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td>Labor</td>
<td>LT/MT</td>
<td>1.55</td>
<td>Hrs</td>
<td>1.83</td>
</tr>
<tr>
<td>Interest on Operating</td>
<td>Months</td>
<td>6</td>
<td>$373.62</td>
<td>0.50</td>
</tr>
<tr>
<td>Ginning and Warehousing</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ginning</td>
<td>Lbs</td>
<td>750</td>
<td>0.080</td>
<td>60.00</td>
</tr>
<tr>
<td>Other (Hauling, Etc.)</td>
<td>Bale</td>
<td>1.51</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td>Storage and Warehousing</td>
<td>Bale</td>
<td>1.51</td>
<td>10.50</td>
<td>15.88</td>
</tr>
<tr>
<td>Promotions, Boards, Classing</td>
<td>Bale</td>
<td>1.51</td>
<td>5.95</td>
<td>8.99</td>
</tr>
<tr>
<td>Cottonseed Credit</td>
<td>Gin T/O</td>
<td>40%</td>
<td>Ton</td>
<td>0.47</td>
</tr>
<tr>
<td>BWEP</td>
<td>Bale</td>
<td>1.51</td>
<td>0.75</td>
<td>1.13</td>
</tr>
</tbody>
</table>

### TOTAL VARIABLE COSTS

$389.74 51.96

### NET RETURN ABOVE VARIABLE COST

$154.01 20.54

### TOTAL FIXED COSTS

$175.31 23.37

### TOTAL COST

$565.05 75.34

### NET RETURN

$-21.30 -2.84

* This does not constitute a recommendation of technologies. These were the technologies most widely planted in GA in 2016.

** Planning or budget price based on futures prices and outlook as of February 2017. Includes adjustments for fiber quality.

Developed by Don Shurley and Amanda Smith  
February 2017  
Funding support provided by the Georgia Cotton Commission
<table>
<thead>
<tr>
<th>Fixed Costs Per Year</th>
<th>Fixed Costs Share For This Crop</th>
<th>Repairs and Maintenance</th>
</tr>
</thead>
<tbody>
<tr>
<td>% Use</td>
<td>% Use</td>
<td>Est RM</td>
</tr>
<tr>
<td>Hrs Use</td>
<td>Hrs/AC</td>
<td>This Crop</td>
</tr>
<tr>
<td>Per Acre</td>
<td></td>
<td>Per Acre</td>
</tr>
</tbody>
</table>

### Acres of This Crop

#### Fixed Costs Per Year

<table>
<thead>
<tr>
<th>New Price</th>
<th>1,000</th>
<th>2000000</th>
</tr>
</thead>
<tbody>
<tr>
<td>% FC</td>
<td>Total FC</td>
<td>Hrs Use</td>
</tr>
<tr>
<td>HP Used</td>
<td>100</td>
<td>200</td>
</tr>
<tr>
<td>230 HP</td>
<td>223000</td>
<td>11.61</td>
</tr>
<tr>
<td>190 HP</td>
<td>186000</td>
<td>11.61</td>
</tr>
<tr>
<td>110 HP</td>
<td>79500</td>
<td>11.61</td>
</tr>
</tbody>
</table>

### Tractors

- **Hi-clearance sprayer**
  - 195000 | 14.17 | 27520 | 250 | 110.53 | 60 | 150 | 0.15 | 16.58 | 5300 | 3180 | 3.18 |

### Picker

- 45500 | 13.81 | 64217 | 165 | 389.19 | 100 | 165 | 0.16 | 64.22 | 12800 | 12800 | 12.80 |

### Totals

- 144389 | 111768 | 31000 | 23065 | 23.07 |

### Fuel Cost Per Gallon

<table>
<thead>
<tr>
<th>Crop</th>
<th>Total Farm</th>
<th>Per Acre Net Return</th>
<th>Hrs/AC</th>
<th>Gal/AC</th>
<th>Cost/AC</th>
</tr>
</thead>
</table>

### Job or Implement- Size

<table>
<thead>
<tr>
<th>Total Farm</th>
<th>Fixed Costs Per Year</th>
<th>Fixed Costs This Crop</th>
<th>Repairs and Maintenance</th>
<th>Fuel and Lube</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acres/yr</td>
<td>% FC</td>
<td>Total FC</td>
<td>% Use</td>
<td>Hrs/AC</td>
</tr>
<tr>
<td>HP Used</td>
<td>100</td>
<td>200</td>
<td>300</td>
<td>400</td>
</tr>
<tr>
<td>Disk- 30ft</td>
<td>400</td>
<td>15</td>
<td>4200</td>
<td>12.5</td>
</tr>
<tr>
<td>Disk- 35ft</td>
<td>400</td>
<td>15</td>
<td>11700</td>
<td>12.5</td>
</tr>
<tr>
<td>Rip and bed- 8 row</td>
<td>2000</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td>Plant- 8 row w/PR</td>
<td>2000</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td>Spray 60 ft POST 1</td>
<td>9800</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td>Spray 60 ft POST 2</td>
<td>9800</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td>Side dress</td>
<td>1400</td>
<td>150</td>
<td>12.5</td>
<td>17000</td>
</tr>
</tbody>
</table>

### Development

Developed by Don Shurley and Amanda Smith, Department of Agricultural and Applied Economics, University of Georgia.

February 2017

ACKNOWLEDGEMENT

Thanks to County Extension Agents, UGA Cotton Team, and industry representatives for providing data, input, and review/suggestions. Thanks to the Georgia Cotton Commission for funding support.