## Estimation Costs of Establishing Spring Seeding

### Unit | Quantity | Price or Cost/Unit | Total Per Acre | Your Farm
--- | --- | --- | --- | ---
### 1. Variable Costs
**Seed (Bahiagrass)** | LBS | 20.00 | $3.75 | $75.00
**Fertilizer Nitrogen** | LBS | 30.00 | $0.77 | $23.10
**Phosphate** | LBS | 30.00 | $0.49 | $14.70
**Potash** | LBS | 30.00 | $0.33 | $9.90
**Liq. Nitrogen (Spread)** | LBS | 45.00 | $0.40 | $18.00
**Lime (Spread)** | TON | 1.00 | $45.00 | $45.00
**Herbicides** | ACRE | 1.00 | $9.50 | $9.50
**Custom Spread (July)** | ACRE | 1.00 | $10.00 | $10.00
**Tractor/Machinery** | ACRE | 1.00 | $11.58 | $11.58
**Labor** | HRS | 2.25 | $9.50 | $21.38
**Interest on Op. Cap.** | DOL. | $119.08 | 5.0% | $5.95
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**Total Variable Costs:** | $244.11 | $0.00
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### 2. Fixed Costs
**Tractor/Machinery** | ACRE | 1.00 | $13.58 | $13.58
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**Total Fixed Costs:** | $13.58 | $0.00
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### 3. Other Costs
**Land Rent** | ACRE | 1.00 | $40.00 | $40.00
**General Overhead** | DOL. | $244.11 | 7.0% | $17.09
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**Total Other Costs:** | $57.09 | $0.00
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### 4. Total Costs:
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**Total:** | $314.78 | $0.00

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

**Lime and fertilizer rates should be based on soil test.***

**Liq. Nitrogen to be applied in mid-summer if necessary**

### Per Acre Machinery and Labor Requirements for Bahiagrass - Establishment

<table>
<thead>
<tr>
<th>Month</th>
<th>Operation</th>
<th>Times</th>
<th>Labor</th>
<th>Machine</th>
<th>Variable</th>
<th>Fixed</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>Chisel Plow 14'</td>
<td>1.00</td>
<td>0.19</td>
<td>0.17</td>
<td>$2.52</td>
<td>$2.79</td>
</tr>
<tr>
<td>3</td>
<td>Heavy Disk 14'</td>
<td>1.00</td>
<td>0.17</td>
<td>0.15</td>
<td>$3.17</td>
<td>$3.78</td>
</tr>
<tr>
<td>4</td>
<td>Grain Drill 8'</td>
<td>1.00</td>
<td>0.32</td>
<td>0.29</td>
<td>$3.73</td>
<td>$4.47</td>
</tr>
<tr>
<td>9</td>
<td>Rotary Mower 7'</td>
<td>1.00</td>
<td>0.32</td>
<td>0.29</td>
<td>$2.16</td>
<td>$2.54</td>
</tr>
</tbody>
</table>

**Per Acre Totals for Selected Operations:** | 1.00 | 0.90 | $11.58 | $13.58

**Unallocated Labor (Hrs./Ac.)** | 1.25

### Bahiagrass for Grazing - Establishment

#### Chemical Use Assumptions for Bahiagrass - Establishment

<table>
<thead>
<tr>
<th>Unit</th>
<th>Quantity</th>
<th>Price or Cost/Unit</th>
<th>Total Per Acre</th>
<th>Month</th>
</tr>
</thead>
</table>
**Herbicides** picloram+2,4-D (Grazon P+D) | PT | 2.00 | $4.75 | $9.50 | 7.00
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**Total:** | $9.50

The above listed chemicals are examples and do not imply exclusive recommendations by Clemson University. The "Pest Management Handbook" should be consulted. Production assumptions provided by John Andrae, Extension Specialist, 864-656-3504, jandrae@clemson.edu.