STOP weeds with Liberty® Herbicide

Application Guidelines for Maximum Control

**S** tart early with the first application
Begin soon after emergence when weeds are smaller.

**T** arget < 3" weeds
Small weeds are easier to control before they go to seed.

**O** ptimize coverage
Follow the correct rate, water volume and droplet size.

**P** air with residuals
Use multiple effective sites of action for pre- and post-residuals.
### Liberty® Herbicide Program for Cotton

<table>
<thead>
<tr>
<th>Program Type</th>
<th>Pre-emergence Residual</th>
<th>First Post Application</th>
<th>Second Post Application (as needed)</th>
<th>Third Post Application (as needed)</th>
<th>Seasonal Maximum Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Guidelines</td>
<td>Preplant Preplant Incorporated At planting</td>
<td>Weeds &lt; 3” Use a residual tankmix</td>
<td>Min 10 days after first application Use a residual tankmix</td>
<td></td>
<td></td>
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<tr>
<td>Recommended</td>
<td>Prowl® H2O Herbicide</td>
<td>Liberty 32-43 fl oz/A + Outlook® herbicide</td>
<td>Liberty 29 fl oz/A + residual</td>
<td></td>
<td>72 fl oz/A*</td>
</tr>
<tr>
<td>Alternative</td>
<td></td>
<td>Liberty 29 fl oz/A + Outlook</td>
<td>Liberty 29 fl oz/A + residual</td>
<td>Liberty 29 fl oz/A + residual</td>
<td>87 fl oz/A</td>
</tr>
</tbody>
</table>

### Best Use Recommendations

- **Application Timing:** < 3” weeds
- **Crop Tolerance:** Complete crop tolerance in LibertyLink® cotton
- **Application Window:** Emergence up to early bloom
- **Site of Action:** Group 10
- **Activity:** Nonselective, broadleaf weeds and grasses
- **Adjuvant:** Ammonium Sulfate (AMS) at 1.5 lb/A to 3.0 lb/A
- **Spray Water Volume:** 15 GPA; if dense weed canopy exists, increase to 20 GPA
- **Nozzle:** Medium- to coarse-size spray droplet**
- **Ground Speed:** < 10 mph to attain good coverage
- **Wind Speed:** < 10 mph
- **Rainfast:** Four hours
- **Additional Uses with Glyphosate:**
  - A tankmix of Liberty herbicide and glyphosate may result in reduced grass control
  - **Arid:** recommended sequential application of glyphosate to be > 7 days after Liberty herbicide application, as reduced grass and broadleaf weed control may result under these environmental conditions

### Mixing Instructions

1. Calibrate sprayer to produce a medium droplet size.
2. Fill sprayer tank half full with water.
3. Start agitation.
4. Add AMS to spray tank.
5. Add tankmix partner.
6. Complete filling spray tank with water.
7. Add Liberty herbicide.
8. If foaming occurs, add a silicone-based antifoam agent.

*If more than 29 fl oz/A used in one application
**Weed control with very coarse, extremely coarse or ultra-coarse nozzles will not provide adequate coverage and will cause unsatisfactory weed control.

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