



We create chemistry

Liberty[®]

Herbicide

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

Program	Pre-emergence Residual	First Post Application	Second Post Application (as needed)	Third Post Application (as needed)	Seasonal Maximum Rate
Guidelines	Preplant Preplant Incorporated At planting	Weeds < 3" Use a residual tankmix	Min 10 days after first application Use a residual tankmix		
Recommended	Prowl® H2O Herbicide	Liberty 32-43 fl oz/A + Outlook® herbicide	Liberty 29 fl oz/A + residual		72 fl oz/A*
Alternative	Use pre-emergence residuals	Liberty 29 fl oz/A + Outlook	Liberty 29 fl oz/A + residual	Liberty 29 fl oz/A + residual	87 fl oz/A

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.

 **BASF**
We create chemistry

Liberty®
Herbicide

Always read and follow label directions. Liberty, LibertyLink, Outlook, and Prowl are registered trademarks of BASF. ©2018 BASF. All Rights Reserved.
APN# 1805015 Liberty-STOPWeeds-Cotton