Herbicide Recommendations for LibertyLink® Soybeans

For LibertyLink® Soybeans

Crops with the LibertyLink® trait allow growers to spray powerful Liberty® herbicide in-crop for nonselective postemergence control of even the toughest weeds, including Palmer amaranth, giant ragweed, waterhemp and marestail, before they jeopardize yield potential. Liberty is a Group 10 herbicide mode of action.*

<table>
<thead>
<tr>
<th>Weed Control Program</th>
<th>1st Post Application (Emergence to 14 days or when weeds are no more than 3 to 4 inches tall)</th>
<th>2nd Post Application (Applied 10 days after first application)</th>
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</thead>
<tbody>
<tr>
<td>Residual pre-emergence, PPI or at planting</td>
<td>Liberty at 29 fl oz/A plus residual herbicide</td>
<td>If needed, Liberty at 29 fl oz/A</td>
</tr>
<tr>
<td>If environmental conditions prevent timely application</td>
<td>Liberty at 36 fl oz/A plus residual herbicide</td>
<td>Liberty at 29 fl oz/A</td>
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1. **Start Clean:** Start with a clean, weed-free field by using an effective burndown application or conventional tillage.
2. **Stay Clean:** Use an overlapping residual weed control program. Be aggressive with early season weed management to avoid yield loss and weed escapes. Residual herbicides applied at burndown, pre-emergence and/or tankmixed in the first post application help ensure optimal weed management, particularly if environmental conditions delay timely post applications, and help protect the long-term sustainability of Liberty technology. Consider expected weed species and populations, as well as environmental variables in the area, when selecting a residual herbicide.
3. **Additives:** Ammonium sulfate (AMS) can be used at a rate of 1.5 lb/A to 3 lb/A.
4. **Maximum Seasonal Use:** Up to 65 fl oz/A per growing season.
5. **Additional Use Directions:**
   a. Make all Liberty applications at least 70 days before soybean harvest.
   b. Make all Liberty applications before soybeans begin to bloom. Consult state Extension service for additional information on prebloom period for soybeans in a state.
   c. Maximum single application use rate: 36 fl oz/A.
   d. Do not apply Liberty if soybeans show injury from prior herbicide applications or environmental stress.
   e. Liberty is not labeled for application through irrigation systems.
   f. Liberty-treated fields should not be grazed or used for hay.
   g. Consult product label for full use directions, tankmix partners and restrictions.

*Herbicide mode of action groups designated by the Weed Science Society of America.
Use Directions

Rate
• 29 fl oz/A
• Up to 36 fl oz/A if environmental conditions prevent timely application resulting in large weeds or heavy infestation

Application Window
• Emergence to bloom

Spray Volume
• 15 GPA of water
• If a dense canopy is present, increase the water volume to 20 GPA

Droplet Size
• Medium

Rainfast
• 4 hours

Wind Speed
• Less than 10 mph

Pre-harvest Interval
• 70 days
• Do not graze or cut the treated crop for hay

Mixing Instructions
1. Start with properly calibrated and cleaned equipment.
2. Fill spray 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 and continue agitation.
8. If foaming occurs, use a silicone-based antifoam agent.

How to Spray
As a contact herbicide, follow application guidelines to ensure adequate coverage and maximum weed control.

• Use nozzles and pressure that generate a medium-size spray droplet.
• Nozzle Recommendations:
  - Spraying Systems: TeeJet® VisiFlo® Flat, XR TeeJet® Extended Range Flat or Turbo TwinJet® Flat spray tips
  - Greenleaf Technologies: TurboDrop® XL, TurboDrop TwinFan or AirMix spray tips
  - Hypro: Guardian™, Variable Pressure, Total Range or Albuz® AXI spray tips
  - Delavan AgSpray: VariTarget™

Refer to nozzle manufacturers’ catalogs, tech sheets or websites for additional guidance.

• Apply Liberty at 15 GPA of water; increase water if dense weed canopy exists.
• Apply at ground speed of less than 15 mph to attain adequate coverage.
• Apply when wind speeds are less than 10 mph.
• Add tankmix partner, if needed.

For more information on Liberty, talk to your Retailer or Bayer CropScience Representative or visit BayerCropScience.us

IMPORTANT: This bulletin is not intended to provide adequate information for use of this product. Read the label before using this product. Observe all label directions and precautions while using this product.