



## Solid solutions for herbicide-resistant weeds

In the U.S., it is no longer a question of *if* resistant weeds will impact your fields, rather it has become a question of *when*. At Syngenta, we stand firm in our commitment to delivering proactive management strategies and innovative products that help preserve America's farmlands. So to help you with this expanding problem, we offer a solid solution for combatting troublesome weeds: Boundary® 6.5 EC herbicide applied pre-emergence followed by a post-emergence application of Flexstar® GT 3.5 herbicide. This first-class herbicide duo provides timely control for effective weed management, allowing soybeans to **grow strong** and maximizing the crop's full yield potential. This proactive approach to weed control will help you **grow more soybeans**.

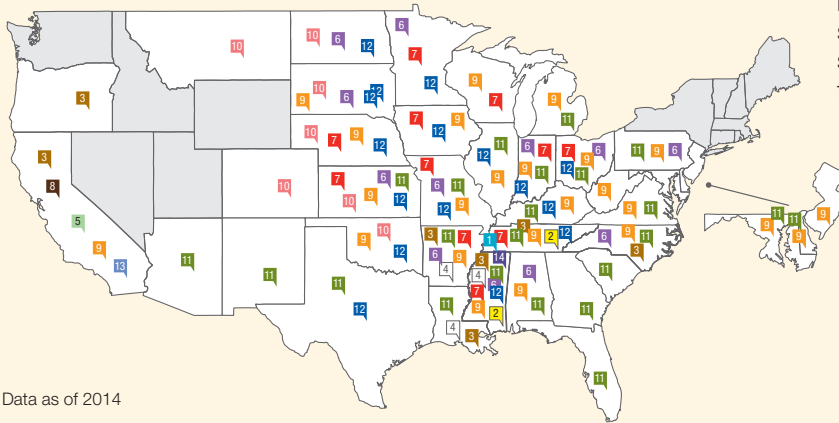
Waiting to control weeds until after they have become a problem will expedite the spread of herbicide resistant weeds; resistance management requires full-season attention. Boundary 6.5 EC and Flexstar GT 3.5 eliminate weed competition while helping to protect the longevity of both glyphosate-tolerant (GT) and LibertyLink® soybean technologies. With multiple modes of action to control weeds, this herbicide program, when combined with cultural practices such as crop rotation and tillage, helps you achieve higher yield and profit potential, reduce the weed seed bank, maximize herbicide diversity and fight resistance.

Boundary 6.5 EC	Flexstar GT 3.5
<ul style="list-style-type: none"> <li>• Delivers proven early-season grass and broadleaf weed control in soybeans</li> <li>• Offers excellent resistance management and rotation flexibility</li> <li>• Extends the post-emergence application window up to five weeks after planting</li> <li>• Protects yield and keeps fields cleaner longer</li> <li>• Contains two herbicides with different modes of action, and controls weeds that are resistant to glyphosate, ALS-inhibitors and PPO-inhibitors</li> </ul>	<ul style="list-style-type: none"> <li>• Offers post-emergence weed protection from weeds that are difficult to control with glyphosate alone</li> <li>• Contains two leading active ingredients and delivers two different modes of action</li> <li>• Enables you to target difficult-to-control weeds that have developed or are likely to develop resistance to glyphosate and/or ALS-inhibitors in GT soybeans</li> </ul>



Boundary followed by Flexstar GT 3.5

## Glyphosate-resistant weeds in the U.S.



Data as of 2014

Source: University reports & weedscience.org

## Why use more than one tool?

Glyphosate is an integral component of weed management programs for GT soybeans. But with 36 states now battling 14 glyphosate-resistant weed species, glyphosate alone is no longer a viable option for effective weed control in soybeans.

- |                    |                         |
|--------------------|-------------------------|
| 1 Annual bluegrass | 8 Hairy fleabane        |
| 2 Goosegrass       | 9 Horseweed (Marestail) |
| 3 Italian ryegrass | 10 Kochia               |
| 4 Johnsongrass     | 11 Palmer amaranth      |
| 5 Rigid ryegrass   | 12 Waterhemp            |
| 6 Common ragweed   | 13 Junglerice           |
| 7 Giant ragweed    | 14 Spiny pigweed        |

## Benefits of Boundary 6.5 EC followed by Flexstar GT 3.5

**Controls and delays herbicide resistance** – Boundary 6.5 EC contains two non-ALS inhibiting, non-glyphosate and non-PPO inhibiting chemistries for managing tough grass and broadleaf weeds. Following Boundary 6.5 EC with a post-emergence application of Flexstar GT 3.5 doubles your defenses for a total of four modes of action to control troublesome weeds all season long.

**Early-season residual control** – Boundary 6.5 EC protects soybean yields from weed competition by offering early-season residual control of grass and broadleaf weeds.

**Application flexibility** – Boundary 6.5 EC widens the post-emergence application window, keeping fields cleaner for longer and allowing for a more timely post-emergence application of Flexstar GT 3.5.

**Excellent crop safety** – Flexstar GT 3.5 utilizes Isolink® II Technology to deliver effective post-emergence weed control while reducing crop injury that current glyphosate and broadleaf herbicide tank mixes sometimes exhibit.

## From the field

“As resistance becomes more of an issue, we need to start taking our chemical program seriously. We use products with a good residual like Boundary followed by Flexstar GT 3.5 in soybeans to help get a handle on our resistance issues and have had good success using that program.”

- Greg Simmons, agronomy manager  
Waverly, Illinois

“I consider Syngenta an industry-leader in helping growers manage weed resistance issues.”

- James Katz, grower  
Jansen, Nebraska

For all of the latest soybean news from Syngenta, visit [SyngentaUS.com/soybeans](http://SyngentaUS.com/soybeans) or contact Syngenta at **866-796-4368**. Tap into the vast knowledge of our expert agronomy team on [KnowMoreGrowMore.com](http://KnowMoreGrowMore.com). Join the conversation online – connect with us at [Social.SyngentaUS.com](http://Social.SyngentaUS.com).

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