



## The Roundup Ready® Xtend Crop System combines high-yielding genetics with effective weed control for proven performance.

- Satisfaction rate of 95% on average over the last two years by farmers who used XtendiMax® herbicide with VaporGrip® Technology, a restricted use pesticide<sup>1</sup>
- Controls more weeds than any other soybean system<sup>2</sup>
- Farmers saw a 4.0 Bu/A average advantage vs LibertyLink® soybeans in herbicide system trials<sup>3</sup>

	Roundup Ready 2 Xtend® Soybeans	XtendFlex® Soybeans	LibertyLink® Soybeans	LibertyLink® GT27™ Soybeans	Enlist E3™ Soybeans
Herbicide Tolerance	Glyphosate Dicamba	Glyphosate Dicamba Glufosinate	Glufosinate	Glyphosate Glufosinate Also tolerant to a new HPPD/Group 27 mode of action for soybeans*, pending EPA approvals	Glyphosate Glufosinate 2,4-D
Weed Species Labeled <sup>4</sup>	~350	~375	~130	~230	~260
Soil Activity	Up to 14 days <sup>5</sup>	Up to 14 days <sup>5</sup>	None	None	None
Availability	Available	Pending regulatory approvals	Available	Available	Available

\*There is currently no HPPD/Group 27 mode of action for soybeans registered for sale or use in the United States.

<sup>1</sup>XtendiMax® herbicide with VaporGrip® Technology grower survey – August 2017 and September 2018 – All growers surveyed were required to have 50+ acres of Roundup Ready 2 Xtend® soybeans or cotton with XtendFlex® Technology and treat at least some acres with XtendiMax with VaporGrip Technology to qualify. Average of 95% based on the results of 97% in 2017 and 93% in 2018.

<sup>2</sup>Based on approved EPA herbicide labels as of Aug. 2018.

<sup>3</sup>2018 Farmer Soybean System Trials (39 locations in 2018 reporting yield data). Significant at P≤ 0.05 LSD at 1.7 Bu SE as of December 2018. Roundup Ready® Xtend Crop System data = Roundup Ready 2 Xtend® soybeans treated with dicamba, glyphosate and various residual herbicides. LibertyLink® system data = LibertyLink® soybeans treated with Liberty® 280 SL herbicide and various residual herbicides.

<sup>4</sup>XtendiMax® herbicide with VaporGrip® Technology, a restricted use pesticide, provides up to 14 days of soil activity on certain small-seeded broadleaf weeds. Performance may vary from location to location and from year to year, as local growing, soil and weather conditions may vary. Growers should evaluate data from multiple locations and years whenever possible and should consider the impacts of these conditions on the grower's fields. Always use dicamba with traditional residual herbicides in pre-emergence and post-emergence applications that have different effective sites of action, along with other Diversified Weed Management Practices.

<sup>5</sup>On certain small-seeded broadleaf weeds. Results may vary, depending on rainfall and soil type. Always use dicamba with traditional residual herbicides in pre-emergence and postemergence applications that have different effective sites of action, along with other Diversified Weed Management Practices (DWMPs).

# XTEND YOUR WEED CONTROL

## Roundup Ready 2 Xtend® Soybeans vs LibertyLink® Soybeans



Roundup Ready 2 Xtend® Soybeans



LibertyLink® Soybeans

**PRE:**

Warrant® Herbicide + Tricor® 4F Herbicide

**POST:**

XtendiMax® herbicide with VaporGrip® Technology, a restricted use pesticide, + Roundup PowerMAX® Herbicide + Warrant® Herbicide + Intact™

**PRE:**

Authority® MAXX Herbicide

**POST:**

Liberty® 280 SL Herbicide + Anthem® MAXX Herbicide + Amisol® Herbicide

Planted: 05/20/18 | PRE: 05/15/18 | POST: 06/19/18 | Photographed: 08/23/18 | Elwood, IN

### Up to 14 Days of Soil Activity on Certain Small-Seeded Broadleaf Weeds\*

#### Glyphosate-Resistant Palmer Amaranth

Robinsonville, MS, July 2014, 14+ Days After Application

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Dicamba 0.5 lb/A



2,4-D 0.75 lb/A

*"I've used products like Liberty®. They are good products, but you don't get a complete kill with those... The XtendiMax with VaporGrip Technology, so far, it's controlling the pigweed really well from what we've seen last year and this year. It's just a great product."*

– Kenneth Poehls, Texas Farmer

To learn more about the Roundup Ready® Xtend Crop System and education opportunities, visit [RoundupReadyXtend.com](http://RoundupReadyXtend.com) or contact your Bayer representative or retailer.



Commercialization of XtendFlex® soybeans is dependent on multiple factors, including successful conclusion of the regulatory process. The information presented herein is provided for educational purposes only, and is not and shall not be construed as an offer to sell, or a recommendation to use, any unregistered pesticide for any purpose whatsoever. It is a violation of federal law to promote or offer to sell an unregistered pesticide.

XtendiMax® herbicide with VaporGrip® Technology is part of the Roundup Ready® Xtend Crop System and is a restricted use pesticide.

**ALWAYS READ AND FOLLOW DIRECTIONS FOR USE ON PESTICIDE LABELING.** It is a violation of federal and state law to use any pesticide product other than in accordance with its labeling. XtendiMax® herbicide with VaporGrip® Technology, Roundup Ready 2 Xtend® soybeans and products with XtendFlex® Technology may not be approved in all states and may be subject to use restrictions in some states. Check with your local seed brand dealer or representative or U.S. EPA and your state pesticide regulatory agency for the product registration status and additional restrictions in your state. For approved tank-mix products and nozzles visit [XtendiMaxApplicationRequirements.com](http://XtendiMaxApplicationRequirements.com)

**Monsanto Company is a member of Excellence Through Stewardship® (ETS).** Monsanto products are commercialized in accordance with ETS Product Launch Stewardship Guidance, and in compliance with Monsanto's Policy for Commercialization of Biotechnology-Derived Plant Products in Commodity Crops. Roundup Ready 2 Xtend® soybeans have been approved for import into key export markets with functioning regulatory systems. Any crop or material produced from Roundup Ready 2 Xtend® soybeans can only be exported to, or used, processed or sold in countries where all necessary regulatory approvals have been granted. It is a violation of national and international law to move material containing biotech traits across boundaries into nations where import is not permitted. Growers should talk to their grain handler or product purchaser to confirm their buying position for this product. Excellence Through Stewardship® is a registered trademark of Excellence Through Stewardship.

NOT ALL formulations of dicamba or glyphosate are approved for in-crop use with Roundup Ready 2 Xtend® soybeans. ONLY USE FORMULATIONS THAT ARE SPECIFICALLY LABELED FOR SUCH USES AND APPROVED FOR SUCH USE IN THE STATE OF APPLICATION. Contact the U.S. EPA and your state pesticide regulatory agency with any questions about the approval status of dicamba herbicide products for in-crop use with Roundup Ready 2 Xtend® soybeans.

Roundup Ready 2 Xtend® soybeans contains genes that confer tolerance to glyphosate and dicamba and XtendFlex® soybeans contains genes that confer tolerance to glyphosate, dicamba and glufosinate. Glyphosate will kill crops that are not tolerant to glyphosate. Dicamba will kill crops that are not tolerant to dicamba. Glufosinate will kill crops that are not tolerant to glufosinate. Contact your local product dealer or refer to the Technology Use Guide for recommended weed control programs.

Warrant® Herbicide is not registered in all states and may be subject to use restrictions. The distribution, sale, or use of an unregistered pesticide is a violation of federal and/or state law and is strictly prohibited. Check with your local product dealer or representative for the product registration status in your state. Bayer, Roundup PowerMAX®, Roundup Ready 2 Xtend®, Roundup Ready®, Roundup Technology®, VaporGrip®, Warrant®, XtendFlex® and XtendiMax® are registered trademarks of Bayer Group. Liberty®, LibertyLink®, LibertyLink® GT27™ and LibertyLink® and the Water Droplet Design® are trademarks of BASF Corporation. Enlist E3™ is a trademark of The Dow Chemical Company. Anthem® and Authority® are trademarks of FMC Corporation. Intact™ is a trademark of Precision Laboratories. Tricor® Herbicide is a registered trademark of UPL. All other trademarks are the property of their respective owners.

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