ROUNDUP READY PLUS.
CROP MANAGEMENT SOLUTIONS

UNDERSTANDING THE XTENDIMAX™ WITH VAPORGRIP® TECHNOLOGY LABEL

What You'll Learn...

- The sources of information that apply to the use of XtendiMax™ with VaporGrip® Technology include the container label, supplemental labels, and state-issued labels for soybeans and cotton.
- Get updated information at www.xtendimaxapplicationrequirements.com.

XtendiMax™ with VaporGrip® Technology is designed to be the industry's lowest volatility dicamba (Group 4) formulation for use in Roundup Ready 2 Xtend® soybeans, cotton with XtendFlex® Technology, and other labeled crops. XtendiMax™ with VaporGrip® Technology must be approved in the states where applicators intend to use the product. Individual states may require additional precautions and instructions for use of this product that are not included in the federal label. Applicators must have all the federal labeling with them at the time of use and must read and follow all label directions.

The XtendiMax™ with VaporGrip® Technology labeling consists of 4 components:

- EPA-approved container label with complete directions for use.
- EPA-approved supplemental labels for Roundup Ready 2 Xtend® soybeans and cotton with XtendFlex® Technology.
- Required individual state-approved labels and guidelines.
- Application requirements information at www.xtendimaxapplicationrequirements.com.

Applicators must follow all label directions for use, restrictions, and precautions from all 4 sources.

Updated information can be found at:

- Stewardship, label, and other information sources at www.roundupreadyxtend.com.
- Stewardship and education information at www.roundupreadyplus.com.

The EPA-approved container label contains directions for the broad range of uses and the supplemental labels outline uses for Roundup Ready 2 Xtend® soybeans or cotton with XtendFlex® Technology. The supplemental and state labels contain additional, crop specific instructions for use and define conditions for proper application. Requirements are summarized in Table 1.

Table 1. Summary of Application Requirements*

In-crop applications. Cracking up to and including beginning bloom (R1) in Roundup Ready 2 Xtend® soybeans. Emergence to 7 days prior to harvest in cotton with XtendFlex® Technology	Apply 22 fluid ounces per acre for any single in-crop application
Spray weeds that are less than 4 inches tall	Apply in a minimum of 10 gallons of spray solution per acre
Do not spray when wind is blowing towards a sensitive area	Wind speeds should be less than 10 mph
Do not use ammonium sulfate or ammonium-based additives	Minimize drift, use nozzles approved on the website
Optimal application when wind speed is 3 to 10 mph	Maintain the required buffer to protect sensitive areas
Do not apply by air	15 mph ground speed or less
Do not exceed a boom height of 24 inches above the target pest or crop canopy	Use triple rinse cleanout procedure

*This summary is not a substitute for reading and following all product labeling.

XtendiMax™ with VaporGrip® Technology Use Instructions

Applicators must read the XtendiMax™ with VaporGrip® Technology container label before proceeding with the more detailed use directions contained in the supplemental labels for use in Roundup Ready 2 Xtend® soybeans or cotton with XtendFlex® Technology. *Contact state regulatory agencies for the most current local guidelines for use in the area where an application will be made .*

Preplant, At-Planting, and PRE Applications to Roundup Ready 2 Xtend® soybeans and cotton with XtendFlex® Technology. The maximum combined quantity of this product is 44 fl oz/acre. A single application cannot exceed 44 fl oz/acre. Do not use less than 22 fl oz/acre.

POST Applications to Roundup Ready 2 Xtend® soybeans can be made from emergence (cracking) up to and through beginning bloom (R1 growth stage of soybeans). The maximum and minimum rate for a single in-crop POST application is 22 fl oz/acre. Spray weeds

(Continued on page 2)

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(Continued from page 1)

early when they are less than 4 inches tall. A second application of 22 fl oz/acre can be made at least 7 days after the first application and up to the end of the beginning bloom stage of soybean growth.

POST applications on cotton with XtendFlex® Technology can be made from emergence up to 7 days prior to harvest. The use rate for a single in-crop POST application is 22 fl oz/acre on weeds less than 4 inches tall. A pre-harvest application can be made up to 7 days prior to harvest.

Nozzle Selection

Using the proper nozzles is the most important element to help further reduce drift potential. Nozzles must be approved for use with XtendiMax™ with VaporGrip® Technology. Go to www.xtendimaxapplicationrequirements.com to find a current list of approved nozzles and proper range of pressure to ensure use of ultra coarse droplets.

Tank-mixing Instructions

XtendiMax™ with VaporGrip® Technology may only be tank-mixed with products that have been tested and found not to adversely affect offsite movement potential of the herbicide. Find approved products at www.xtendimaxapplicationrequirements.com.

Additional information:

- If a water conditioning agent is needed, use an approved non-AMS water conditioner listed at www.xtendimaxapplicationrequirements.com.
- A nonionic surfactant (NIS) with at least 70% active ingredient can be used at 0.25% v/v. Crop oil concentrate, high surfactant oil concentrate, or methylated seed oil adjuvants can be substituted for NIS but some products may cause a temporary crop response.

Rainfastness and Surface Water Runoff

Rainfast in 4 hours. Rainfall or irrigation within 4 hours after POST application may reduce product effectiveness. Don't make an application if rain is expected in the next 24 hours or if conditions favor surface runoff. Don't apply to sandy soils with less than 3% organic matter where ground water depth is shallow.

Weed Resistance Management

Some naturally occurring weed biotypes that are tolerant to dicamba may exist in a weed population. Repeated use of herbicides with the same site of action may lead to selection for resistant weeds. Do not use less than 22 fl oz/acre of XtendiMax™ with VaporGrip® Technology in a single application to help minimize the selection for resistant weeds and follow integrated weed management principles.

- Scout fields before and after an application to ensure the appropriate herbicides and rates are used for the weed species and sizes present.
- Use a broad spectrum soil-applied residual herbicide with other sites of action as a foundation for a weed control program.
- Utilize sequential applications of herbicides with alternative sites of action.
- Use full rates of XtendiMax™ with VaporGrip® Technology.
- Rotate the use of Group 4 herbicides with other site of action herbicides.
- Use non-chemical weed control practice such as tillage, cultivation, and crop competition.

Information regarding the use of XtendiMax™ with VaporGrip® Technology will continue to be updated and applicators should continue to check www.xtendimaxapplicationrequirements.com for the most current recommendations.

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. 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. **May not be approved in all states. 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. 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 Monsanto dealer or refer to Monsanto's Technology Use Guide for recommended weed control programs. 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. This product has been approved for import into key export markets with functioning regulatory systems. Any crop or material produced from this product 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. **Roundup Technology®** includes Monsanto's glyphosate-based herbicide technologies. **Individual results may vary**, and performance may vary from location to location and from year to year. This result may not be an indicator of results you may obtain as local growing, soil and weather conditions may vary. Growers should evaluate data from multiple locations and years whenever possible. **ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. Tank mixtures:** The applicable labeling for each product must be in the possession of the user at the time of application. Follow applicable use instructions, including application rates, precautions and restrictions of each product used in the tank mixture. Monsanto has not tested all tank mix product formulations for compatibility or performance other than specifically listed by brand name. Always predetermine the compatibility of tank mixtures by mixing small proportional quantities in advance. **Roundup Ready** technology contains genes that confer tolerance to glyphosate, an active ingredient in **Roundup® brand agricultural herbicides**. Agricultural herbicides containing glyphosate will kill crops that are not tolerant to glyphosate. Roundup Ready 2 Xtend®, Roundup Ready PLUS®, VaporGrip®, XtendFlex® and XtendiMax™ are trademarks of Monsanto Technology LLC. LibertyLink® and the Water Droplet Design® is a registered trademark of Bayer. other trademarks are the property of their respective owners. ©2017 Monsanto Company. 170215151503 032917JSC