

USE OF XTENDIMAX[®] HERBICIDE WITH VAPORGRIP[®] TECHNOLOGY*, A RESTRICTED USE PESTICIDE, IN SOYBEAN

XtendiMax[®] Herbicide with VaporGrip[®] Technology*, a restricted use pesticide (RUP), is a component of Roundup Ready[®] Xtend Technology, which includes Roundup Ready 2 Xtend[®] Soybeans (dicamba and glyphosate herbicide tolerance) and XtendFlex[®] Soybeans (dicamba, glyphosate, and glufosinate herbicide tolerance). Benefits of this technology include:

- Control of over 350 weed species such as Palmer amaranth, waterhemp, and marestail, and other tough-to-control broadleaf weeds, such as lambsquarters and velvetleaf.
- Up to 14 days of soil activity on broadleaf weeds (Figure 1).**
- Because of application flexibility, XtendiMax[®] Herbicide with VaporGrip[®] Technology (RUP) can be applied before, at, and after planting (up to Federal and State application cutoff dates).

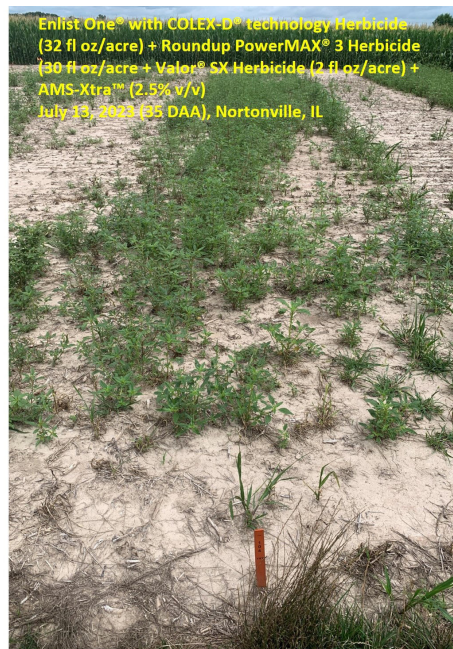


Figure 1. Weed control comparison of XtendiMax[®] Herbicide with VaporGrip[®] Technology, a restricted use pesticide, + Roundup PowerMAX[®] 3 Herbicide + Valor[®] SX Herbicide compared to Enlist One[®] with COLEX-D[®] technology Herbicide + Roundup PowerMAX[®] 3 Herbicide + Valor[®] SX Herbicide. Photo taken July 13, 2023 (35 DAA), Nortonville, Illinois.

Enlist One[®] with COLEX-D[®] technology Herbicide (32 fl oz/acre) + Roundup PowerMAX[®] 3 Herbicide (36 fl oz/acre + Valor[®] SX Herbicide (2 fl oz/acre) + AMS-Xtra™ (2.5% v/v) July 13, 2023 (35 DAA), Nortonville, IL

*XtendiMax[®] Herbicide with VaporGrip[®] Technology is a restricted use pesticide and must be used with VaporGrip[®] Xtra Agent (or an equivalent volatility reduction adjuvant). For approved tank-mix products (including VRAs and DRAs), nozzles and other important label information visit XtendiMaxApplicationRequirements.com. Applicators must check XtendiMaxApplicationRequirements.com no more than 7 days before application of this product for additional labeling, including state restrictions. Where applicable, users must comply with additional requirements found on this website.

**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."

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Mandatory Dicamba Training

The federal label for XtendiMax[®] Herbicide with VaporGrip[®] Technology (RUP) requires that certified applicators complete mandatory **annual** training prior to applying the product. To comply with the label and ensure a successful application, register for a dicamba training event in your state. Online self-guided training events are also available for those who cannot attend in-person training.

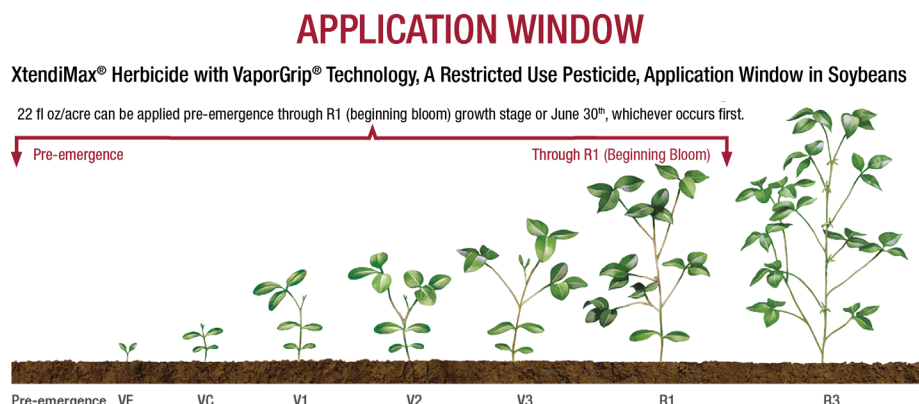


Figure 2. XtendiMax[®] Herbicide with VaporGrip[®] Technology, a restricted use pesticide, application window.

Application Rate and Timing

Regardless of application timing (burndown/early pre-plant, pre-plant, at planting, and pre-emergence), the maximum single use rate of XtendiMax[®] Herbicide with VaporGrip[®] Technology (RUP) cannot exceed 22 fl oz/acre. For a post-emergence application to Roundup Ready 2 Xtend[®] soybeans or XtendFlex[®] soybeans, 22 fl oz/acre can be applied through R1 (beginning bloom) growth stage or June 30th, whichever occurs first (Figure 2). This application can be made twice within this time frame but must be separated by a period of 7 days. June 30th is the Federal application cutoff date for XtendiMax[®] Herbicide with VaporGrip[®] Technology (RUP). Individual states may have different and additional application restrictions and deadlines (can be found [here](#)).

Record Keeping

Certified applicators **MUST** complete application records within 72 hours of spraying and keep them for two years. Record keeping requirements vary by state and some states have different requirements; therefore, certified applicators should check with their state for documentation requirements. Record keeping forms can be obtained [here](#).

Volatility Reduction Adjuvant (VRA)

The XtendiMax[®] Herbicide with VaporGrip[®] Technology (RUP) label requires the addition of a VRA, such as VaporGrip[®] Xtra Agent or an approved VRA equivalent, in the tank mix for application. An approved list of VRAs can be found [here](#).

Several factors (including salt of dicamba, tank-mix partners, and overall solution pH) can increase the potential for dicamba acid to form when dissolving any dicamba formulation in a tank. Dicamba acid is the volatile form of dicamba and, if it does volatilize, can potentially result in off-target movement after spraying. VaporGrip[®] Technology inhibits the formation of dicamba acid by reducing the association of hydrogen molecules with dicamba. VaporGrip[®] Xtra Agent has been shown to effectively reduce dicamba volatility potential when used at a minimum rate of 20 fl oz/acre.

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Drift Reduction Adjuvant (DRA)

Drift reduction adjuvants are materials used to reduce the drift of droplets as they are released from the nozzle. Upon release, small droplets can be especially susceptible to interactions with environmental conditions and move with air currents to non-intended areas. When using an approved DRA for tank-mix products, as required by the XtendiMax® Herbicide with VaporGrip® Technology (RUP) label, the lowest rate allowed by the DRA label is recommended. Only use approved DRAs.

Mixing Products and Mixing Order

DO NOT tank mix any product with XtendiMax® Herbicide with VaporGrip® Technology (RUP) unless:

1. The intended tank-mix product is identified on the list of tested products found at xtendimaxapplicationrequirements.com.
2. The intended products are not prohibited on the XtendiMax® Herbicide with VaporGrip® Technology (RUP) label or the label of the tank-mix product; and all requirements and restrictions on xtendimaxapplicationrequirements.com are followed.

Mixing Order

When other pesticides are to be in a tank mix with XtendiMax® Herbicide with VaporGrip® Technology (RUP), the following steps should be followed:

1. Begin by agitating a thoroughly cleaned sprayer tank three-quarters full of clean water.
2. Maintain constant agitation throughout mixing and application.
3. Add Volatility Reducing Agents (VRA) to adjust pH of spray solution to reduce dicamba volatility.
4. Add reduction adjuvants (DRA) (when applicable).
5. If an inductor is used, rinse it thoroughly after each component has been added.
6. Place any product contained in water-soluble PVA bags into the mixing tank. Wait until all water-soluble PVA bags have fully dissolved and the product is evenly mixed in the spray tank before continuing.
7. Add water-dispersible products (dry flowables, wettable powders, suspension concentrates, or suspo-emulsions).
8. Add water-soluble products (such as XtendiMax® Herbicide with VaporGrip® Technology (RUP)).
9. Add emulsifiable concentrates (such as crop oil concentrate, when applicable).
10. Add water-soluble additives (when applicable).
11. Add the remaining quantity of water.
12. Maintain constant agitation during the application.

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Nozzle Type and Pressure

Nozzle selection is important for the use of XtendiMax[®] Herbicide with VaporGrip[®] Technology (RUP) and **MUST** be selected from the Bayer approved nozzle list which can be found at xtendimaxapplicationrequirements.com.

Spray Volume

Apply in a minimum of 15 gallons of spray solution per acre.

RRXtend Spray App

The RRXtend Spray App is a farmer- and applicator-focused digital tool that provides location-specific weather forecasts, digital record-keeping capabilities, and education resources related to Roundup Ready[®] Xtend Technology. The app can be downloaded from the Apple Store and Google Play. More information can be found [here](#).

Finding a certified XtendiMax[®] Herbicide with VaporGrip[®] Technology (RUP) Applicator

Certified applicators for your area can be found [here](#). Applicators are continually added to the cite and can be searched by zip code. If interested in being listed as a licensed applicator, you may submit your application on the cite.

Legal Statements

Bayer is a member of Excellence Through Stewardship[®] (ETS). Bayer products are commercialized in accordance with ETS Product Launch Stewardship Guidance, and in compliance with Bayer's Policy for Commercialization of Biotechnology-Derived Plant Products in Commodity Crops. Commercialized products have 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.

XtendiMax[®] herbicide with VaporGrip[®] Technology is a restricted use pesticide and must be used with VaporGrip[®] Xtra Agent (or an equivalent volatility reduction adjuvant). For approved tank-mix products (including VRAs and DRAs), nozzles and other important label information visit XtendiMaxApplicationRequirements.com. Applicators must check XtendiMaxApplicationRequirements.com no more than 7 days before application of this product for additional labeling, including state restrictions. Where applicable, users must comply with additional requirements found on this website.

ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. 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. NOT ALL formulations of dicamba, glyphosate or glufosinate are approved for in-crop use with products with XtendFlex[®] Technology. 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 products with XtendFlex[®] Technology.

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.

Roundup Ready 2 Xtend[®] soybeans contain genes that confer tolerance to glyphosate and dicamba. Products with XtendFlex[®] Technology contains genes that confer tolerance to glyphosate, glufosinate 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 seed brand dealer or refer to the Bayer Technology Use Guide for recommended weed control programs.

XtendiMax[®] is a restricted use pesticide. Not all products are registered for use 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 dealer or representative for the product registration status in your state. **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. Not all tank mix product formulations have been tested 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. Bayer, Bayer Cross, Roundup Ready 2 Xtend[®], Roundup Ready 2 Yield[®], Roundup Ready[®], VaporGrip[®], XtendFlex[®] and XtendiMax[®] are registered trademarks of Bayer Group. LibertyLink logo[®] and LibertyLink[®] are trademarks of BASF Corporation. All other trademarks are the property of their respective owners. For additional product information call toll-free 1-866-99-BAYER (1-866-992-2937) or visit our website at www.BayerCropScience.us. Bayer CropScience LP, 800 North Lindbergh Boulevard, St. Louis, MO 63167. ©2023 Bayer Group. All rights reserved. 1326_49165

