**RESTRICTED USE PESTICIDE**
To be used by certified applicators only; NOT to be used by uncertified persons working under the supervision of a certified applicator, except that uncertified persons may transport containers.

This labeling expires on ~~XX~~12/~~XX~~20/2025. DO NOT use or distribute this product after ~~XX~~12/~~XX~~20/2025.

| DICAMBA | GROUP 4 | HERBICIDE |
|---|---|---|

# XtendiMax® With VaporGrip® Technology

# ABN: M1768 Herbicide

**For weed control in cotton with XtendFlex® Technology (dicamba-tolerant cotton) and soybean with Roundup Ready 2 Xtend® Technology or XtendFlex® Technology (dicamba-tolerant soybean).**

XtendiMax® With VaporGrip® Technology is approved by U.S. EPA for use in dicamba-tolerant cotton and dicamba-tolerant soybeans only in the following states, subject to county restrictions as noted: Alabama, Arkansas, Arizona, Colorado, Delaware, Florida (excluding Palm Beach County), Georgia, Illinois, Indiana, Iowa, Kansas, Kentucky, Louisiana, Maryland, Michigan, Minnesota, Mississippi, Missouri, Nebraska, New Jersey, New Mexico, New York, North Carolina, North Dakota, Oklahoma, Ohio, Pennsylvania, South Carolina, South Dakota, Tennessee (excluding Wilson County), Texas, Virginia, West Virginia, Wisconsin.

Check the registration status of each product in each state before using.

**ACTIVE INGREDIENT:** Dicamba
Diglycolamine salt of dicamba (3,6-dichloro-*o*-anisic acid)* ..... **42.80%**
**OTHER INGREDIENTS:** ..... **57.20%**
**TOTAL:** ..... **100.00%**
*Contains 29.0% 3,6-dichloro-*o*-anisic acid (2.9 pounds acid equivalent per U.S. gallon or 350 grams per liter)

**EPA Reg. No. 264-RERN** **EPA Est. No.**

## CAUTION

**KEEP OUT OF REACH OF CHILDREN**

**For MEDICAL and TRANSPORTATION Emergencies ONLY Call 24 Hours a Day 1-800-334-7577**

**For PRODUCT USE Information Call 1-866-99BAYER (1-866-992-2937)**

**For Incidence of Non-performance or Off-Target Movement or for Questions Regarding Buffer Requirements or Sensitive Crop Registries Call 1-844-RRXTEND (1-844-779-8363)**

**Please refer to [back panel] [booklet] for additional precautionary statements and directions for use. [Note to reviewer: Location of additional precautionary statements and directions for use will vary between those listed, depending on container type/size.]**

**Net Contents:**

| FIRST AID | |
|---|---|
| **IF IN EYES:** | • Hold eye open and rinse slowly and gently with water for 15 to 20 minutes.<br>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. |



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| | |
|---|---|
| | • Call a poison control center or doctor for treatment advice. |
| **IF SWALLOWED:** | • Call a poison control center or doctor immediately for treatment advice.<br>• Have person sip a glass of water if able to swallow.<br>• DO NOT induce vomiting unless told to do so by a poison control center or doctor.<br>• DO NOT give anything by mouth to an unconscious person. |
| **IF ON SKIN OR CLOTHING:** | • Take off contaminated clothing.<br>• Rinse skin immediately with plenty of water for 15 to 20 minutes.<br>• Call a poison control center or doctor for treatment advice. |
| **In case of emergency, call the toll-free Bayer Emergency Response telephone number: 1-800-334-7577. Have the product container or label with you when calling a poison control center or doctor or when going for treatment.** | |

## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

### CAUTION

- Causes moderate eye irritation.
- Avoid contact with eyes or clothing.

### PERSONAL PROTECTIVE EQUIPMENT (PPE)

**All mixers, loaders, applicators, and other handlers must wear:**

- Long-sleeved shirt and long pants
- Waterproof gloves
- Shoes plus socks

Follow the manufacturer's instructions for cleaning and maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

### ENGINEERING CONTROLS

When handlers use closed systems, or enclosed cabs in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d) (4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

IMPORTANT: When reduced PPE is worn because a closed system is being used, handlers must be provided all PPE specified above for "all mixers, loaders, applicators, and other handlers" and have such PPE immediately available for use in an emergency, such as a spill or equipment breakdown.

| USER SAFETY RECOMMENDATIONS |
|---|
| User should:<br>• Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet.<br>• Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.<br>• Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing. |

## ENVIRONMENTAL HAZARDS

DO NOT apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high-water mark. DO NOT contaminate water when disposing of equipment washwaters or rinsate. Apply this product only as directed on the label.

**Ground Water Advisory:** This chemical is known to leach through soil into ground water under certain conditions as a result of agricultural use. Use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in ground water contamination.

### GROUND AND SURFACE WATER PROTECTION

**Point source contamination:** To prevent point source contamination, DO NOT mix or load this pesticide product within 50 feet of wells (including abandoned wells and drainage wells), sink holes, perennial or intermittent streams and rivers, and natural or impounded lakes and reservoirs. DO NOT apply pesticide product within 50 feet of wells. This setback does not apply to properly capped or plugged abandoned wells and does not apply to impervious pad or properly diked mixing/loading areas as described below.

Mixing, loading, rinsing, or washing operations performed within 50 feet of a well are allowed only when conducted on an impervious pad constructed to withstand the weight of the heaviest load that may be on or move across the pad. The pad must be self-contained to prevent surface water flow over or from the pad. The pad capacity must be maintained at 110% that of the largest pesticide container or application equipment used on the pad and have sufficient capacity to contain all product spills, equipment or container leaks, equipment washwaters, and rainwater that may fall on the pad. The containment capacity does not apply to vehicles delivering pesticide shipments to the mixing/loading site. States may have in effect additional requirements regarding wellhead setbacks and operational containment.

Care must be taken when using this product to prevent: a) back siphoning into wells, b) spills, or c) improper disposal of excess pesticide, spray mixtures, or rinsates. Check valves or anti-siphoning devices must be used on all mixing equipment.

**Movement by surface runoff or through soil:** DO NOT apply under conditions that favor runoff. DO NOT apply if soil is saturated with water or when rainfall that may exceed soil field capacity is forecasted to occur within 48 hours.

Under some conditions, dicamba has the potential for runoff several days after application. Poorly draining, wet, or erodible soils with readily visible slopes toward adjacent sensitive areas are more prone to produce runoff. When used on erodible soils, best management practices for minimizing runoff should be employed. Consult your local Soil Conservation Service for recommendations in your use area.

Ground water contamination may occur in areas where soils are permeable or coarse and ground water is near the surface. DO NOT apply to impervious substrates such as paved or highly compacted surfaces in areas with high potential for ground water contamination. DO NOT apply to soils classified as sand with less than 3% organic matter and where ground water depth is shallow.

**Movement by water erosion of treated soil:** DO NOT apply or incorporate this product through any type of irrigation equipment nor by flood or furrow irrigation. Ensure treated areas have received at least one-half inch rainfall (or irrigation) before using tailwater for subsequent irrigation of other fields.

### PROTECTING ENDANGERED SPECIES / PESTICIDE USE LIMITATION AREAS

The use of any pesticide in a manner that may kill or otherwise harm an endangered species or adversely modify their habitat is a violation of federal law. Use of this product in a manner inconsistent with its labeling may pose a hazard to endangered or threatened species. **When using this product, you must follow the measures contained in the Endangered Species Protection Bulletin for the area in which you are applying the product.** To obtain Bulletins, no more than six months before using this product, consult https://www.epa.gov/endangered-species/bulletins-live-two-view-bulletins or call 1-844-447-3813. You must use the Bulletin valid for the month in which you will apply the product.

**Commented [SC1]:** This terminology was in the 2018 registration. Need to discuss.

It is a Federal offense to use any pesticide in a manner that results in the death of an endangered species.

## PHYSICAL OR CHEMICAL HAZARDS

DO NOT store or heat near oxidizing agents as a hazardous chemical reaction may occur.

## DIRECTIONS FOR USE

### RESTRICTED USE PESTICIDE

**Only for retail sale to and use by Certified Applicators. NOT to be used by uncertified persons working under the supervision of a certified applicator, except that uncertified persons may transport containers.**

**It is a violation of Federal law to use this product in any manner inconsistent with its labeling. This labeling must be in the user's possession during application. Read the entire label before using this product.**

DO NOT apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

**For important crop safety information, refer to the "Specific Use Directions" section for each crop.**

### AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses and of handlers of agricultural pesticides. It contains requirements for training, decontamination, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about Personal Protective Equipment (PPE), notification to

workers, and restricted-entry intervals. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.
DO NOT enter or allow worker entry into treated areas during the restricted-entry interval **(REI) of 24 hours.**

**PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water is:**

- Coveralls worn over short-sleeved shirt and short pants
- Chemical-resistant footwear plus socks
- Waterproof gloves
- Chemical-resistant headgear for overhead exposure
- Protective eyewear

**~~NON-AGRICULTURAL USE REQUIREMENTS~~**

~~The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.~~

~~DO NOT enter or allow people (or pets) to enter the treated area until sprays have dried.~~

~~DO NOT apply this product in a way that will contact workers or other persons, either directly or through drift.~~

## PRODUCT INFORMATION

XtendiMax® With VaporGrip® Technology is:

- a water-soluble formulation intended for control and suppression of many annual, biennial, and perennial broadleaf weeds listed in the "Weeds Controlled or Suppressed" section of this label. This product may be used for control of these weeds in cotton with XtendFlex® Technology and soybean with Roundup Ready 2 Xtend® Technology or XtendFlex® Technology.
- a contact, systemic herbicide, with limited soil activity on small seeded broadleaf weeds, including waterhemp, lambsquarters, and Palmer pigweed~~, depending on rainfall and soil type~~.
- readily absorbed by plants through shoot and root uptake, translocates throughout the plant's system, and accumulates in areas of active growth. XtendiMax® With VaporGrip® Technology interferes with plant growth hormones (auxins) resulting in death of many broadleaf weeds.

Additional state restrictions and requirements may apply. The user must comply with any additional state requirements and restrictions.

Refer to the specific use directions and restrictions in each crop table. Follow all requirements and restrictions on www.xtendimaxapplicationrequirements.com.

## APPLICATION REQUIREMENTS OVERVIEW

Read and follow all applicable restrictions, precautions, and directions on the container label and booklet and at www.xtendimaxapplicationrequirements.com. For product questions or inquiries and/or to report any nonperformance of this product against any particular weed species, call 1-844-RRXTEND (1-844-779-8363). It is recommended that the certified applicator visit www.xtendimaxapplicationrequirements.com to obtain a copy of the Overview of Application Requirements for reference prior to and during application.

| REQUIREMENTS | LABEL SECTIONS |
|---|---|
| **Mandatory Training:**<br>☐ Prior to applying, applicator must complete dicamba-specific training. Only certified applicators may apply this product; NOT to be used by uncertified persons working under the supervision of a certified applicator, except that uncertified persons may transport containers. | ➢ Training (pp. 5-6) |
| **Record Keeping:**<br>☐ Records must be created within 72 hours of every application. Records must be kept for a period of two years. | ➢ Record Keeping (p. 6) |
| **Application:**<br>☐ For EVERY application of XtendiMax® With VaporGrip® Technology, an ~~EPA-~~approved **Volatility Reduction Adjuvant (VRA)** must be included in the spray solution. An ~~EPA-~~approved **Drift Reduction Adjuvant (DRA)** must also be included in the spray solution, unless otherwise indicated on www.xtendimaxapplicationrequirements.com. Refer to the website for a list of ~~EPA-~~approved DRAs and VRAs. | ➢ Tank Mix Partners ~~and Compatibility Testing~~ (p. 9)<br>➢ Specific Use Directions (pp. 12-14) |

| | |
|---|---|
| ☐ *Rate and Timing*: Apply 22 fluid ounces per acre (0.5 lb. a.e. dicamba) for any single pre-emergent or in-crop application in:<br>○ Cotton with XtendFlex® Technology up to and including July 30 (DO NOT apply after July 30 regardless of growth stage), and<br>○ Soybean with Roundup Ready 2 Xtend® Technology or XtendFlex® Technology up to and including June 30. Applications occurring after R1 are prohibited as crop response may occur and in no event can applications be made after June 30 regardless of growth stage.<br>○ For details, see the "Specific Use Directions" section.<br>☐ *Spray volume:* Apply in a minimum of 15 gallons of spray solution per acre.<br>☐ *Tank mixing*: Use only approved tank-mix partners found at www.xtendimaxapplicationrequirements.com.<br>○ Refer to all product labels to determine mix order or perform a mix compatibility test. | ➢ Specific Use Directions (pp. 12-14)<br>➢ Tank Mix Partners and ~~Compatibility Testing~~ (p. 9) |
| **Application Equipment:**<br>☐ *Spray system equipment cleanout*: Ensure entire sprayer system is properly cleaned before and after application.<br>☐ *Nozzles*: Use only approved nozzles within specified pressures found at www.xtendimaxapplicationrequirements.com.<br>☐ *Spray boom height*: Maximum boom height is 24 inches above target pest or crop canopy.<br>☐ *Ground speed*: DO NOT exceed 15 mph. | ➢ Equipment Requirements (pp. 7-8) |
| **Environmental Conditions:**<br>☐ *Wind speed*: Apply when wind speed, measured at boom height, is 3-10 mph.<br>☐ *Inversions*: DO NOT spray during an inversion; only spray between one hour after sunrise and two hours before sunset.<br>☐ *Rainfall*: DO NOT apply this product if rain that may exceed soil field capacity and result in soil runoff is forecasted in the next 48 hours. | ➢ Environmental Requirements (p. 7) |
| **Downwind Requirements:**<br>☐ *Sensitive crops and certain plants downwind*: DO NOT apply if sensitive crops and/or certain plants, as defined below in this label, are planted on an adjacent downwind field or area.<br>☐ *Downwind buffer*: After determining no adjacent sensitive crops and/or certain plants are downwind, maintain a 240-ft downwind buffer.<br>☐ *Endangered species*: ~~In counties where endangered species are present,~~ Consult Endangered Species Protection Bulletins for ESA counties and restrictions. | ➢ Adjacent Sensitive Crops and Certain Plants (p. 8)<br>➢ Buffer Requirements (p. 8)<br>➢ Protecting Endangered Species (p. 3) |
| **Drift Reduction Technology:**<br>☐ See "Optional Use of Drift Reduction Technology" section for details on application requirements and the potential to qualify for reduced use restrictions. | ➢ Optional Use of Drift Reduction Technology (pp. 8-9) |

**Commented [SC2]:** It's a seed biology issue related to soybean only.

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## USE RESTRICTIONS

- DO NOT USE ANY TANK MIX PRODUCT OR ANY NOZZLE AND PRESSURE COMBINATION WITH XTENDIMAX® WITH VAPORGRIP® TECHNOLOGY THAT IS NOT IDENTIFIED ON THE LIST OF APPROVED PRODUCTS FOUND AT www.xtendimaxapplicationrequirements.com.
- DO NOT TANK MIX AMMONIUM SULFATE (AMS) WITH THIS PRODUCT.
- DO NOT EXCEED 88 FLUID OUNCES (2 POUNDS ACID EQUIVALENT (A.E.) DICAMBA) OF XTENDIMAX® WITH VAPORGRIP® TECHNOLOGY PER ACRE PER YEAR.
- DO NOT EXCEED 88 FLUID OUNCES (2 POUNDS A.E. DICAMBA) PER ACRE PER YEAR FROM ALL DICAMBA APPLICATIONS IF MORE THAN ONE DICAMBA-CONTAINING PRODUCT IS APPLIED TO THE SAME SITE WITHIN THE SAME YEAR.
- DO NOT MAKE APPLICATION OF THIS PRODUCT IF RAIN IS EXPECTED IN THE NEXT 48 HOURS THAT MAY EXCEED SOIL FIELD CAPACITY AND RESULT IN SOIL RUNOFF.
- DO NOT APPLY THROUGH ANY TYPE OF IRRIGATION EQUIPMENT. DO NOT TREAT IRRIGATION DITCHES OR WATER USED FOR CROP IRRIGATION OR DOMESTIC PURPOSES.
- DO NOT APPLY TO CROPS UNDER STRESS DUE TO LACK OF MOISTURE, HAIL DAMAGE, FLOODING, HERBICIDE INJURY, MECHANICAL INJURY, INSECTS, OR WIDELY FLUCTUATING TEMPERATURES AS INJURY MAY RESULT.
- DO NOT APPLY THIS PRODUCT IF SENSITIVE CROPS AND CERTAIN PLANTS ARE PLANTED ON AN ADJACENT DOWNWIND FIELD OR AREA.
- DO NOT APPLY THIS PRODUCT AERIALLY.
- Restricted Entry Interval (REI): 24 hours.

## USE PRECAUTIONS

- In case material is released or spilled: dike and contain the spill with inert material (sand, earth, etc.) and transfer liquid and solid diking material to separate containers for disposal. Remove contaminated clothing and wash affected skin areas with soap and water. Wash clothing before re-use. Keep the spill out of all sewers and open bodies of water.
- Rainfast period: This product is rainfast four (4) hours after application to most weed species. Rainfall or irrigation occurring within four (~~4~~) hours after ~~postemergence~~ applications may necessitate retreatment or may otherwise result in reduced ~~the effectiveness of this product~~weed control.

**Commented [SC3]:** Updated this section to make it consistent with the Liberty label from Nov 2019. The runoff language is already repeated twice in this label and is not related to rainfastness.

## TRAINING

Prior to using this product, users must complete dicamba-specific training to obtain certification. Once completed, dicamba-specific training is then required every other year for all users of this product. If state-specific training is required by the state where the applicator intends to apply this product, the applicator must complete training from the state or state-authorized provider. Otherwise, the applicator may complete dicamba-specific training provided either by the state/state-authorized provider or by a registrant of a dicamba product approved for in-crop use with dicamba-tolerant crops.

## RECORD KEEPING

The following records must be generated as soon as practical but **no later than 72 hours after application**. The certified applicator must keep these records for a period of **two years**. Records must be made available to State Pesticide Control Official(s), USDA, and EPA upon request. See www.xtendimaxapplicationrequirements.com for an example form summarizing record keeping requirements.

Keep records of the following items for each application of XtendiMax® With VaporGrip® Technology:

1. All Items required by 7 CFR Part 110 (RECORDKEEPING ON RESTRICTED USE PESTICIDES BY CERTIFIED APPLICATORS), including:
    a. The brand or product name
    b. The EPA registration number
    c. The total amount applied
    d. The month, day, and year of application
    e. The location of the application
    f. The crop, commodity, stored product, or site of application
    g. The size of treated area
    h. The name of the certified applicator
    i. The certification number of the certified applicator
2. *Training*: Completion date and provider of required training and proof of completion.
3. *Receipts of Purchase*: Receipts or copies for the purchase of this product.
4. *Product Label*: A copy of this product label and any state special local needs label that supplements this label.

**Commented [SC4]:** VRA and DRA are covered specifically in #13.

~~5. *Crop Planting Date*: Record of the date at which the crop was planted.~~

~~6.~~5. *Sensitive Crops and Certain Plants Awareness*:
    a. Document that a sensitive crop registry was consulted. At a minimum, documentation must include the name of the sensitive crop registry and the date it was consulted.
    b. Record of a survey of adjacent areas documenting the sensitive crops and/or certain plants (as defined below in the "Adjacent Sensitive Crops and Certain Plants" section of this label) surrounding the field prior to application. At a minimum, records must include documentation of adjacent sensitive crops and/or certain plants and the date the survey was conducted.

~~7.~~6. *Buffer Requirement*: Record of the buffer distance implemented as directed in the "Spray Drift Management" and "Optional Use of Drift Reduction Technology" sections of this label.

~~8.~~7. *Start and Finish Times of Each Application*: Record of the time at which the application started and finished.

~~9.~~8. *Application Timing*: Record of the type of application (for example: preemergence, postemergence) and the number of days after planting if postemergence.

~~10.~~9. *Air Temperature*: Record of the air temperature in degrees Fahrenheit at the start and completion of each application.

~~11.~~10. *Wind Speed and Direction*: Record of the wind speed and direction (the direction from which the wind is blowing) at boom height at the start and completion of each application.

~~12.~~11. *Nozzle and Pressure*: Record of the spray nozzle manufacturer/brand, type, orifice size, and operating pressure used during each application of this product.

~~13.~~12. *Tank Mix Products*: Record of the brand names and EPA registration numbers (if applicable) for all products that were tank mixed with this product for each application, as well as a record of the volume of each added to the tank prior to application.

~~14.~~13. ***Mandatory Volatility and Drift Reduction Adjuvants***: Receipts or copies for the purchase of an ~~EPA~~-approved volatility reduction adjuvant, as well as a record of the volume added to the tank prior to application. Receipts or copies for the purchase of an ~~EPA~~-approved DRA and a record of the volume added to the tank prior to application, unless otherwise indicated on www.xtendimaxapplicationrequirements.com.

~~15.~~14. *Spray System Cleanout*: At a minimum, records must include confirmation that the spray system was clean before using this product and that the post-application cleanout was completed in accordance with the "Proper Spray System Equipment Cleanout" section of this label.

## HERBICIDE RESISTANCE MANAGEMENT RECOMMENDATIONS

The dicamba active ingredient in XtendiMax® With VaporGrip® Technology is a Group 4 herbicide. Any weed population may contain or develop plants naturally resistant to XtendiMax® With VaporGrip® Technology and other Group 4 herbicides. The resistant biotypes may

dominate the weed population if these herbicides are used repeatedly in the same field. Appropriate resistance management strategies should be followed.

To delay herbicide resistance, take one or more of the following steps:

- Limit cultivation and/or mechanical tillage within 7 days after application, as this may result in reduced efficacy and promote regrowth of treated weeds.
- Rotate the use of XtendiMax® With VaporGrip® Technology within a growing season and among growing seasons with different herbicide groups (other than Group 4) that control the same weeds.
- Use tank mixtures with herbicides from a different herbicide Group if such use is permitted.
- Adopt an integrated weed-management program for herbicide use that includes scouting and uses historical information related to herbicide use and crop rotation and that considers tillage (or other mechanical control methods), cultural (*e.g.*, higher crop seeding rates; precision fertilizer application method and timing to favor the crop and not the weeds), biological (weed-competitive crops or varieties), and other management practices.
- Scout after herbicide application to monitor weed populations for early signs of resistance development. Indicators of possible herbicide resistance include: (1) failure to control a weed species normally controlled by the herbicide at the dose applied, especially if control is achieved on adjacent weeds; (2) a spreading patch of non-controlled plants of a particular weed species; (3) surviving plants mixed with controlled individuals of the same species. If resistance is suspected, prevent weed seed production in the affected area by an alternative herbicide from a different group or by a mechanical method such as hoeing or tillage. Prevent movement of resistant weed seeds to other fields by cleaning harvesting and tillage equipment when moving between fields and by planting clean seed.
- If a weed pest population continues to progress after treatment with this product, switch to another management strategy or herbicide with an effective mode of action, if available, and contact Bayer at 1-844-RRXTEND (1-844-779-8363).
- Contact your local extension specialist or certified crop advisors for additional pesticide resistance-management and/or integrated weed-management recommendations for specific crops and weed biotypes.
- For further information or to report suspected resistance contact Bayer at 1-844-RRXTEND (1-844-779-8363).

**Management of Dicamba-Resistant Biotypes**

Appropriate testing is critical in order to determine if a weed is resistant to dicamba. Contact your Bayer representative to determine if resistance in any particular weed biotype has been confirmed in your area or visit www.iwilltakeaction.com or www.weedscience.org.

The following good agronomic practices can reduce the spread of confirmed dicamba-resistant biotypes, particularly if pursued as soon as signs of resistance are observed:

- If a naturally occurring resistant biotype is present in your field, this product may be tank mixed or applied sequentially with an appropriately labeled herbicide with a different mode of action to achieve control (read "Tank Mixing" section for more information).
- Cultural and mechanical control practices (*e.g.*, crop rotation or tillage) can also be used as appropriate.
- Scout treated fields after herbicide application and control weed escapes, including resistant biotypes, before they set seed.
- Thoroughly clean equipment, as practical, for all weed seeds before leaving fields known to contain resistant biotypes.

## SPRAY DRIFT MANAGEMENT

THE APPLICATOR IS RESPONSIBLE FOR AVOIDING OFF-SITE SPRAY DRIFT TO THE EXTENT CONSISTENT WITH APPLICABLE LAW. The applicator is responsible for compliance with state and local pesticide regulations, including any state or local pesticide drift regulations. DO NOT allow herbicide solution to mist, drip, drift, or splash onto desirable vegetation because severe injury or destruction to desirable broadleaf plants could result.

Applications using larger droplets reduces drift potential but will not prevent drift if the application is made improperly or under unfavorable environmental conditions. The interaction of weather-related factors and equipment must be monitored to maximize performance and on-target spray deposition. The applicator is responsible for considering all these factors when making a spray decision to the extent consistent with applicable law. BE AWARE OF NEARBY NON-TARGET SITES AND CHANGING ENVIRONMENTAL CONDITIONS (see the "Temperature Inversions" section of this label).

### Environmental Requirements

**Wind Speed**

Wind speed must be measured in the field of application at boom height prior to and after application. Only apply when wind speed at boom height is between 3 MPH and 10 MPH during application.

**Temperature Inversions**

DO NOT apply this product during a temperature inversion as the off-target movement potential is high.

Applications of this product may ONLY occur one hour after sunrise through two hours before sunset. In general, temperature inversions are more likely during nighttime hours.

- Temperature inversions are characterized by increasing temperature with altitude and are common on nights with limited cloud cover and light to no wind.
- The presence of an inversion can be indicated by ground fog or, if fog is not present, by the movement of smoke from a ground source or an aircraft smoke generator. Smoke that layers and moves laterally in a concentrated cloud (under low wind conditions) indicates an inversion, while smoke that moves upward and rapidly dissipates indicates good vertical air mixing.

### Equipment Requirements

DO NOT APPLY THIS PRODUCT USING AERIAL SPRAY EQUIPMENT.

**Nozzle Type**
To produce minimal amounts of fine spray particles, the applicator must use an approved nozzle within a specified pressure range as found at www.xtendimaxapplicationrequirements.com. DO NOT use any other nozzle and pressure combination not specifically listed on this website.

**Equipment Ground Speed**
DO NOT exceed a ground speed of 15 miles per hour. Select a ground speed that will deliver the desired spray volume while maintaining the desired spray pressure. Slower speeds generally result in better spray coverage and deposition on the target area. Provided the applicator can maintain the required nozzle pressure, it is recommended that tractor speed is reduced to 5 miles per hour at field edges.

**Spray Boom Height**
Use the minimum boom height appropriate for spray pattern overlap~~, according to~~based on nozzle selection and spacing, according to manufacturer recommendations, or 24 inches above ~~target pest or crop~~ canopy, whichever is smaller.

## Adjacent Sensitive Crops and Certain Plants
DO NOT SPRAY this product when wind is blowing toward adjacent sensitive crops and certain plants, as defined immediately below.

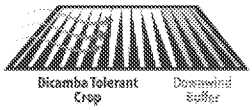
It is important for the applicator to be aware that wind direction may vary during the application. If wind direction shifts such that the wind is blowing toward adjacent sensitive crops and/or certain plants, the applicator **must STOP** the application.

Before making an application, 1) consult a sensitive crop registry (such as FieldWatch or state/federal registry), 2) survey adjacent fields and areas, and 3) confirm the type or variety of plants and crops surrounding the field prior to application. At a minimum, records must include the name of the sensitive crop registry, the date it was consulted, documentation of adjacent plants and crops/areas surrounding the field of application, and the date the survey was conducted.

Dicamba-sensitive crops and/or certain plants include, but are not limited to, non-dicamba-tolerant soybeans and cotton, tomatoes and other fruiting vegetables (EPA crop group 8), fruit trees, cucurbits (EPA crop group 9), grapes, beans, flowers, ornamentals, peas, potatoes, sunflower, tobacco, and other broadleaf plants, including if these plants are in a greenhouse. Severe injury or destruction could occur if any contact between this product and these plants occurs. Sensitive crop registries can provide additional information about sensitive crops and sensitive areas.

If you have questions regarding sensitive crop registries contact Bayer at 1-844-RRXTEND (1-844-779-8363) **prior to application**.

## Buffer Requirements
After determining no adjacent sensitive crops and/or certain plants are downwind, the applicator **must always maintain a 240-foot downwind buffer** between the last treated row and the nearest downwind field edge when applying using broadcast open-boom equipment. For reduced downwind buffer distances, refer to "Optional Use of Drift Reduction Technology" section of this label.




The following areas may be included in the buffer distance composition when directly adjacent to the treated field edges:

- Roads, paved or gravel surfaces, mowed and/or managed areas adjacent to field such as rights-of-way
- Planted agricultural fields containing: corn, dicamba-tolerant cotton, dicamba-tolerant soybean, sorghum, proso millet, small grains, or sugarcane. If the applicator intends to include such crops as dicamba-tolerant cotton and/or dicamba-tolerant soybeans in the buffer distance ~~calculation~~composition, the applicator must confirm the crops are in fact dicamba-tolerant.
- Agricultural fields that have been prepared for planting
- Areas covered by the footprint of a building, silo, or other man-made structure with walls and/or roof

**Commented [SC5]:** Need to discuss further.

If you have questions regarding Buffer Requirement, contact Bayer at 1-844-RRXTEND (1-844-779-8363) **prior to application**.

## Optional Use of Drift Reduction Technology
This product may be optionally applied using a hooded/shielded broadcast sprayer or other types of drift reduction technology (DRT)~~, such as hooded/shielded in-row or directed layby equipment,~~ for postemergence weed control as well as residual control of susceptible

weeds. The applicator must use an approved nozzle within a specified pressure range as found at www.xtendimaxapplicationrequirements.com. Use of drift reduction technology (DRT) in combination with approved nozzles is recommended to further reduce drift potential.

Applications of this product may qualify for reduced use restrictions, such as a reduced downwind buffer distance, provided a **qualified DRT** listed on www.xtendimaxapplicationrequirements.com is used and operated according to the directions and limitations provided at www.xtendimaxapplicationrequirements.com.

**Hooded/Shielded Broadcast Sprayer:**
For hooded/shielded sprayers, all application nozzles must be contained within the enclosed area. Shielding the boom or individual nozzles can reduce the effects of wind. However, it is the responsibility of the applicator to verify that the shields are preventing drift and not interfering with uniform deposition of the product. Applicators must ensure the sprayer system is off or controlled during turns to further prevent spray drift. Refer to the hooded/shielded sprayer manufacturer use specifications prior to use.

*Requirements for Reduced Use Restrictions with Optional Hooded/Shielded Sprayer:* ONLY **qualified** hooded/shielded sprayers listed on www.xtendimaxapplicationrequirements.com are eligible for reduced use restrictions when applying this product. Refer to the website for specific application requirements when using a **qualified** hooded/shielded sprayer. While this product may be applied with other (non-qualified) hooded/shielded sprayers, no reduction in use restrictions is associated with their use.

**Commented [SC6]:** FIFRA buffers with qualified hooded sprayers will be listed only on the XtendiMax website, which will also reference Bulletins Live! 2; ESA buffers will be listed only on the Bulletins Live! 2 website.

## TANK MIX PARTNERS ~~AND COMPATIBILITY TESTING~~

### Tank Mixing

It is the pesticide user's responsibility to ensure that all products are registered for the intended use. Read and follow the applicable restrictions, limitations, and directions for use on all product labels involved in tank mixing. Users must follow the most restrictive directions for use and precautionary statements of each product in the tank mixture.

**All applications of this product require the inclusion of a volatility reduction adjuvant (VRA)**, such as a VaporGrip® Xtra Agent product or an approved VRA equivalent, in the tank mix. The inclusion of a **drift reduction adjuvant (DRA) is also required** in the tank mix, unless otherwise indicated on www.xtendimaxapplicationrequirements.com. Only tank mix products that have been tested and found to not adversely affect the offsite movement potential of XtendiMax® With VaporGrip® Technology may be tank mixed with XtendiMax® With VaporGrip® Technology. The applicator must check the website found at www.xtendimaxapplicationrequirements.com for a list of approved tank mix products no more than 7 days before applying XtendiMax® With VaporGrip® Technology.

DO NOT tank mix any product with XtendiMax® With VaporGrip® Technology unless:

1. The intended tank mix product is identified on the list of tested products found at www.xtendimaxapplicationrequirements.com;
2. The intended products are not prohibited on either this label or the label of the tank mix product; and
3. All requirements and restrictions on www.xtendimaxapplicationrequirements.com are followed.

**NOTE**: DO NOT use PVA (polyvinyl acetate) packets in a tank mix with products that contain boron or release free chlorine. The resultant reaction of PVA and boron or free chlorine is a plastic that is not soluble in water or solvents.

## APPLICATION INSTRUCTIONS

APPLY THIS PRODUCT USING PROPERLY MAINTAINED AND CALIBRATED EQUIPMENT CAPABLE OF DELIVERING THE REQUIRED VOLUMES.

DO NOT APPLY THIS PRODUCT USING AERIAL SPAY EQUIPMENT.

XtendiMax® With VaporGrip® Technology can be applied to actively growing weeds as broadcast, band, or spot spray applications using water as a carrier. For best results, treat weeds early when they are relatively small (less than 4 inches). Timely application to small weeds early in the season will improve control and reduce weed competition.

### Ground Application (Broadcast)

**Water Volume**: Use a minimum of 15 gallons of spray solution per broadcast acre for optimal performance. Use 20 gallons per acre or greater when treating dense weed canopy/vegetation.

### Ground Application (Hooded In-Row and Directed Layby)

Using a hooded sprayer or other drift reduction technology in combination with approved nozzles may further reduce drift potential. When applying XtendiMax® With VaporGrip® Technology by hooded in-row or layby sprayers, determine the amount of herbicide and water volume needed using the following formula:

$$\frac{\text{band width (inches)}}{\text{row width (inches)}} * \text{broadcast rate per acre} = \text{rate per treated acre}$$

$$\frac{\text{band width (inches)}}{\text{row width(inches)}} * \text{broadcast spray volume per acre} = \text{spray volume per treated acre}$$

## SPRAY SYSTEM EQUIPMENT CLEANOUT

You must ensure that the spray system used to apply this product is clean before using this product. Failure to properly clean the entire spray system can result in inadvertent contamination of the spray system. Contamination of the spray system may cause injury to non-dicamba-tolerant soybeans and other sensitive crops.

Inadvertent contamination can also occur in equipment used for bulk product handling and mixing prior to use in the spray system. Care should be taken to reduce contamination not only in the spray system but in any equipment used to transfer or deliver product. For example, bulk handling and mixing equipment containing this product should be segregated when possible to reduce potential for cross-contamination. Consider using block and check valves to avoid backflow during transfer. Piping should be reviewed to ensure there is not potential for product build-up. Dedicated nurse trucks and tender equipment should be used when possible.

Clean equipment **immediately after using** this product, using a **triple rinse** procedure as follows:

1. After spraying, drain the sprayer (including boom and lines) immediately. DO NOT allow the spray solution to remain in the spray boom lines overnight prior to flushing.
2. Fill tank with clean water (at least 10% volume) and ~~F~~flush tank, hoses, boom, and nozzles ~~with clean water~~. Ensure agitation for 15 minutes and then spray out solution through boom. If equipped, open boom ends and flush.
3. Inspect and clean all strainers, screens, and filters.
4. Fill tank with clean water (at least 10% of volume) and ~~P~~prepare a cleaning solution with a commercial detergent or sprayer cleaner or ammonia according to the manufacturer's directions.
5. Take care to wash all parts of the tank, including the inside top surface. Start agitation in the sprayer and thoroughly recirculate the cleaning solution for at least 15 minutes. All visible deposits must be removed from the spraying system.
6. Flush hoses, spray lines, and nozzles for at least 1 minute with the cleaning solution.
7. Remove nozzles, screens, and strainers and clean separately in the cleaning solution after completing the above procedures.
8. Drain pump, filter, and lines.
9. Repeat steps 2 and 3.
10. Rinse the complete spraying system with clean water.
11. Clean and wash off the outside of the entire sprayer and boom.
12. All rinse water must be disposed of in compliance with local, state, and federal guidelines.

**Commented [SC7]:** Updated the following steps to make clear how the procedure is a triple rinse.

**Commented [SC8]:** This is referring to the cleaning solution not the sprayer manufacturer.

## ROTATIONAL CROPS

When counting days from the application of this product, do not count days when the ground is frozen. Moisture is essential for the degradation of this herbicide in soil. If dry weather prevails, use cultivation to allow herbicide contact with moist soil.

No rotational cropping restrictions apply when rotating to soybean with Roundup Ready 2 Xtend® Technology or XtendFlex® Technology or to cotton seed with XtendFlex® Technology (including Bollgard® 3 XtendFlex® Cotton, Bollgard II® XtendFlex® Cotton, or XtendFlex® Cotton). For other crops, the interval between application and planting rotational crop is given below. Planting at intervals less than specified below may result in crop injury.

For application rates of this product of **22 fluid ounces per acre per year:**

- No planting restrictions apply beyond 120 days after application.
- East of the Mississippi River:
  - Wait a minimum of 30 days for 22 fluid ounces applied per acre before planting.
- West of the Mississippi River:
  - Wait a minimum of 45 days for 22 fluid ounces applied per acre before planting.
  - In areas with less than 30 inches of annual rainfall wait a minimum of 100 days before planting (furrow and/or overhead irrigation can be included in rainfall determination).

For application rates of this product of **44 to 88 fluid ounces per acre per year:**

- In areas with less than 30 inches of annual rainfall:
  - Wait a minimum of 180 days before planting crops (furrow and/or overhead irrigation can be included in rainfall determination).
- In areas with 30 inches or more annual rainfall:
  - Wait a minimum of 120 days after application before planting.

## WEEDS CONTROLLED OR SUPPRESSED

General Weed List, Including ALS-, Glyphosate-, and Triazine-Resistant Biotypes

| ANNUAL WEEDS | | |
|---|---|---|
| Alkanet | Flixweed | Pusley, Florida |
| Amaranth, Palmer, Powell, Spiny | Fumitory | Radish, Wild |
| Aster, Slender | Goosefoot, Nettleleaf | Ragweed, Common, Giant (Buffaloweed), Lance-Leaf |
| Bedstraw, Catchweed | Hempnettle | Rocket, London, Yellow |
| Beggarweed, Florida | Henbit | Rubberweed, Bitter (Bitterweed) |
| Broomweed, Common | Jacobs-Ladder | Salsify |
| Buckwheat, Tartary, Wild | Jimsonweed | Senna, Coffee |
| Buffalobur | Knawel (German Moss) | Sesbania, Hemp |
| Burclover, California | Knotweed, Prostrate | Shepherdpurse |
| Burcucumber | Kochia | Sicklepod |
| Buttercup, Corn, Creeping, Roughseed, Western Field | Ladysthumb | Sida, Prickly (Teaweed) |
| Carpetweed | Lambsquarters Common | Smartweed, Green, Pennsylvania |
| Catchfly, Nightflowering | Lettuce, Miners, Prickly | Sneezeweed, Bitter |
| Chamomile, Corn | Mallow, Common, Venice | Sowthistle, Annual, Spiny |
| Chevil, Bur | Marestail (Horseweed) | Spanish Needles |
| Chickweed, Common | Mayweed | Spikeweed, Common |
| Clovers | Morningglory, Ivyleaf, Tall | Spurge, Prostrate, Leafy |
| Cockle, Corn, Cow, White | Mustard, Black, Blue, Tansy, Treacle, Tumble, Wild, Yellowtops | Spurry, Corn |
| Cocklebur, Common | Nightshade, Black, Cutleaf | Starbur, Bristly |
| Copperleaf, Hophornbeam | Pennycress, Field (Fanweed, Frenchweed, Stinkweed) | Starwort, Little |
| Cornflower (Bachelor Button) | Pepperweed, Virginia (Peppergrass) | Sumpweed, Rough |
| Croton, Tropic, Woolly | Pigweed, Prostrate, Redroot (Carelessweed), Rough, Smooth, Tumble | Sunflower, Common (Wild), Volunteer |
| Daisy, English | Pineappleweed | Thistle, Russian |
| Dragonhead, American | Poorjoe | Velvetleaf |
| Eveningprimrose, Cutleaf | Poppy, Red-horned | Waterhemp, Common, Tall |
| Falseflax, Smallseed | Puncturevine | Waterprimrose, Winged |
| Fleabane, Annual | Purslane, Common | Wormwood |

| BIENNIAL WEEDS | | |
|---|---|---|
| Burdock, Common | Gromwell | Starthistle, Yellow |
| Carrot, Wild (Queen Anne's Lace) | Knapweed, Diffuse, Spotted | Sweetclover |
| Cockle, White | Mallow, Dwarf | Teasel |
| Eveningprimrose, Common | Plantain, Bracted | Thistle, Bull, Milk, Musk, Plumeless |
| Geranium, Carolina | Ragwort, Tansy | |

| PERENNIAL WEEDS | | |
|---|---|---|
| Alfalfa | Garlic, Wild | Smartweed, Swamp |
| Artichoke, Jerusalem | Goldenrod, Canada, Missouri | Snakeweed, Broom |
| Aster, Spiny, Whiteheath | Goldenweed, Common | Sorrel, Red (Sheep Sorrel) |
| Bedstraw, Smooth | Hawkweed | Sowthistle, Perennial |
| Bindweed, Field, Hedge | Henbane, Black | Spurge, Leafy |
| Blueweed, Texas | Horsenettle, Carolina | Sundrops |
| Bursage, Woollyleaf (Bur Ragweed, Povertyweed) | Ironweed | Thistle, Canada, Scotch |
| Buttercup, Tall | Knapweed, Black, Diffuse, Russian, Spotted | Toadflex, Dalmatian |
| Campion, Bladder | Milkweed, Climbing, Common, Honeyvine, Western Whorled | Tropical Soda Apple |
| Chickweed, Field, Mouseear | Nettle, Stinging | Trumpetcreeper (Buckvine) |
| Chicory | Nightshade, Silverleaf (White Horsenettle) | Vetch |
| Clover, Hop | Onion, Wild | Waterhemlock, Spotted |
| Dandelion, Common | Plantain, Broadleaf, Buckhorn | Waterprimrose, Creeping |
| Dock Broadleaf (Bitterdock), Curly | Pokeweed | Woodsorrel, Creeping, Yellow |
| Dogbane, Hemp | Ragweed, Western | Wormwood, Absinth, Louisiana |
| Dogfennel (Cypressweed) | Redvine | Yankeeweed |
| Fern, Bracken | Sericia Lespedeza | Yarrow, Common |

## SPECIFIC USE DIRECTIONS

| ~~BETWEEN CROP APPLICATIONS~~<br>~~Postharvest, fallow, crop stubble, set-aside for broadleaf weed control only~~ | |
|---|---|
| ~~Application Rates~~ | • ~~Apply 22 fluid ounces of XtendiMax® With VaporGrip® Technology per acre.~~ |
| ~~Maximum Rates~~ | • ~~Per treated acre per year: 88 fluid ounces (2.0 lb. a.e. dicamba per acre).~~ |
| ~~Application Timing~~ | • ~~XtendiMax® With VaporGrip® Technology can be applied either postharvest in the fall, spring, or summer during the fallow period or to crop stubble/set-aside acres.~~<br>• ~~For best performance, apply XtendiMax® With VaporGrip® Technology when annual weeds are less than 4 inches tall, when biennial weeds are in the rosette stage, and to perennial weed regrowth in late summer or fall following a mowing or tillage treatment.~~<br>• ~~The most effective control of upright perennial broadleaf weeds such as Canada thistle and Jerusalem artichoke occurs if XtendiMax® With VaporGrip® Technology is applied when the majority of weeds have at least 4 – 6 inches of regrowth or for weeds such as field bindweed and hedge bindweed that are in or beyond the full bloom stage.~~ |
| ~~Application Method~~ | • ~~Apply XtendiMax® With VaporGrip® Technology as a broadcast or spot treatment to emerged and actively growing weeds after crop harvest (postharvest) and before a killing frost or in the fallow cropland or crop stubble the following spring or summer.~~ |
| ~~Livestock Grazing or Feeding~~ | • ~~Permitted.~~ |
| ~~Use Precautions~~ | • ~~Avoid disturbing treated areas following application.~~<br>• ~~Treatments may not kill weeds that develop from seed or underground plant parts, such as rhizomes or bulblets, after the effective period for XtendiMax® With VaporGrip® Technology. For seedling control, a follow-up program or other cultural practices could be instituted.~~<br>• ~~Refer to the "Rotational Crops" section of this label for the recommended interval between application and planting to prevent crop injury.~~ |

### CROPS WITH XTEND® TECHNOLOGY

Cotton with XtendFlex® Technology (including Bollgard II® XtendFlex® COTTON, Bollgard® 3 XtendFlex® COTTON, or XtendFlex® COTTON) and soybean with Roundup Ready 2 Xtend® Technology or XtendFlex® Technology CONTAIN A PATENTED GENE THAT PROVIDES TOLERANCE TO DICAMBA, THE ACTIVE INGREDIENT IN THIS PRODUCT. THIS PRODUCT WILL CAUSE SEVERE CROP INJURY OR DESTRUCTION AND YIELD LOSS IF APPLIED TO COTTON AND SOYBEAN THAT ARE NOT DICAMBA TOLERANT, INCLUDING COTTON AND SOYBEAN WITH A TRAIT ENGINEERED TO CONFER TOLERANCE TO AUXIN HERBICIDES OTHER THAN DICAMBA. FOLLOW THE REQUIREMENTS SET FORTH HEREIN TO PREVENT SEVERE CROP INJURY OR DESTRUCTION AND YIELD LOSS. CONTACT WITH FOLIAGE, GREEN STEMS, OR FRUIT OF CROPS, OR ANY DESIRABLE PLANTS THAT DO NOT CONTAIN A DICAMBA TOLERANCE GENE OR ARE NOT NATURALLY TOLERANT TO DICAMBA, COULD RESULT IN SEVERE PLANT INJURY OR DESTRUCTION.

XtendiMax® With VaporGrip® Technology is approved by U.S. EPA for use in cotton with XtendFlex® Technology and in soybean with Roundup Ready 2 Xtend® Technology or XtendFlex® Technology only in the following states, subject to county restriction as noted:

Alabama, Arkansas, Arizona, Colorado, Delaware, Florida (excluding Palm Beach County), Georgia, Illinois, Indiana, Iowa, Kansas, Kentucky, Louisiana, Maryland, Michigan, Minnesota, Mississippi, Missouri, Nebraska, New Jersey, New Mexico, New York, North Carolina, North Dakota, Oklahoma, Ohio, Pennsylvania, South Carolina, South Dakota, Tennessee (excluding Wilson County), Texas, Virginia, West Virginia, Wisconsin.

Information on cotton with XtendFlex® Technology and on soybean with Roundup Ready 2 Xtend® Technology or XtendFlex® Technology can be obtained from your seed supplier or Bayer representative. Cotton with XtendFlex® Technology and soybean with Roundup Ready 2 Xtend® Technology or XtendFlex® Technology must be purchased from an authorized licensed seed supplier.

Cotton with XtendFlex® Technology, soybean with Roundup Ready 2 Xtend® Technology or XtendFlex® Technology, and methods of controlling weeds and applying dicamba in cotton with XtendFlex® Technology and in soybean with Roundup Ready 2 Xtend® Technology or XtendFlex® Technology are protected under U.S. patent law. No license to use cotton with XtendFlex® Technology or soybean with Roundup Ready 2 Xtend® Technology or XtendFlex® Technology is granted or implied with the purchase of this herbicide product. Cotton with XtendFlex® Technology and soybean with Roundup Ready 2 Xtend® Technology or XtendFlex® Technology are owned by Bayer and a license must be obtained from Bayer before using it. Contact your Authorized Bayer Retailer for information on obtaining a license to use cotton with XtendFlex® Technology and soybean with Roundup Ready 2 Xtend® Technology or XtendFlex® Technology.

| COTTON WITH XTENDFLEX® TECHNOLOGY | |
|---|---|
| **Application Rate** | • **Burndown/Early Preplant, Preplant, At-Planting, Preemergence:** Apply ONLY 22 fluid ounces (0.5 lb. acid equivalent (a.e.) dicamba) per acre for a single burndown/early preplant, preplant, at-planting, or preemergence application.<br>• **Postemergence (in-crop):** For any single, in-crop application, apply ONLY 22 fluid ounces (0.5 lb. a.e. dicamba) per acre. |
| **Maximum Annual Rates** | • *Total of all Burndown/Early Preplant, Preplant, At-Planting, and Preemergence applications*: 44 fluid ounces per acre (1.0 lb. a.e. dicamba per acre)<br>• *Total of all in-crop applications*: 44 fluid ounces per acre (1.0 lb. a.e. dicamba per acre)<br>• *Combined total per year for all applications*: 88 fluid ounces per acre (2.0 lb. a.e. dicamba per acre) |
| **Application Timing** | • **Burndown/Early Preplant, Preplant, At-Planting, Preemergence:** This product may be applied before, during, or immediately after planting.<br>• **Postemergence (in-crop):** This product may be applied in-crop up to and including July 30. |
| **Number of Applications** | • Sequential applications of this product may be necessary to control new flushes of weeds or on tough-to-control weeds. Allow at least 7 days between applications.<br>• A maximum of **two** burndown/early preplant, preplant, at-planting, and preemergence and **two** in-crop applications may be made. |
| **Spray Volume** | • Apply this product in a minimum of 15 gallons of spray solution per acre as a broadcast application.<br>• Use 20 gallons per acre or greater when treating dense weed canopy/vegetation. |
| **Livestock Grazing or Feeding** | • Permitted. |
| **Use Precautions** | • Refer to the "Weeds Controlled or Suppressed" section of this label for specific weeds controlled.<br>• For best performance, control weeds early when they are less than 4 inches.<br>• Postemergence applications of this product mixed with adjuvants may cause a leaf response to cotton with XtendFlex® Technology. The symptoms usually appear as necrotic spots on fully expanded leaves. EC-based products that are tank mixed with products containing dicamba may increase the severity of the leaf damage.<br>• For postemergence applications with a hooded in-row sprayer, cotton must be a minimum of 15 inches tall at the time of application.<br>• For postemergence applications with a directed layby sprayer, the release point for the herbicide must not be more than 10 inches from the soil and cotton must be at least 20 inches in height. Spray tip must be angled downward to the soil making sure no spray droplets remain in the air. |
| **Use Restrictions** | • DO NOT apply **less than** 22 fluid ounces (0.5 lb. a.e. dicamba) per acre.<br>• DO NOT apply **more than** 22 fluid ounces (0.5 lb. a.e. dicamba) per acre.<br>• DO NOT exceed two pre-emergent applications.<br>• DO NOT exceed two post-emergent applications.<br>• DO NOT exceed 88 fluid ounces per acre (2.0 lb. a.e. dicamba per acre) per year. |

| SOYBEAN WITH ROUNDUP READY 2 XTEND® TECHNOLOGY OR XTENDFLEX® TECHNOLOGY | |
|---|---|
| **Application Rate** | • **Burndown/Early Preplant, Preplant, At-Planting, Preemergence:** Apply ONLY 22 fluid ounces (0.5 lb. acid equivalent (a.e.) dicamba) per acre for a single burndown/early preplant, preplant, at-planting, or preemergence application.<br>• **Postemergence (in-crop):** For any single, in-crop application, apply ONLY 22 fluid ounces (0.5 lb. a.e. dicamba) per acre. |
| **Maximum Annual Rates** | • *Total of all Burndown/Early Preplant, Preplant, At-Planting, and Preemergence applications*: 44 fluid ounces per acre (1.0 lb. a.e. dicamba per acre)<br>• *Total of all in-crop applications*: 44 fluid ounces per acre (1.0 lb. a.e. dicamba per acre) |

**Commented [SC9]:** Need to discuss the preharvest interval addition for soy and cotton.

**Commented [SC10]:** Rather than include the suggestion for the maximum rate of a single application (which was previously identified as potentially confusing in prior EPA comments as listing it as a maximum could indicate that the application rate could be lower), we have proposed to include "ONLY" in this section and to change the next section to "Maximum Annual Rates."

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| | |
|---|---|
| | • *Combined total per year for all applications*: 88 fluid ounces per acre (2.0 lb. a.e. dicamba per acre) |
| **Application Timing** | • **Burndown/Early Preplant, Preplant, At-Planting, Preemergence:** This product may be applied before, during, or immediately after planting.<br>• **Postemergence (in-crop):** This product may only be applied in-crop up to and including June 30. Applications occurring after R1 are prohibited as crop response may occur. |
| **Number of Applications** | • A second application may be necessary to control new flushes of weeds. Allow at least 7 days between applications. For best results, apply after some weed re-growth has occurred.<br>• A maximum of **two** burndown/early preplant, preplant, at-planting, and preemergence and **two** in-crop applications may be made. |
| **Spray Volume** | • Apply this product in a minimum of 15 gallons of spray solution per acre as a broadcast application.<br>• Use 20 gallons per acre or greater when treating dense weed canopy/vegetation. |
| **Livestock Grazing or Feeding** | • Permitted. |
| **Use Precautions** | • Refer to the "Weeds Controlled or Suppressed" section of this label for specific weeds controlled.<br>• For best performance, control weeds early when they are less than 4 inches.<br>• Postemergence application under stressful environments may cause temporary loss of turgor, a response commonly described as leaf droop in soybean with Roundup Ready 2 Xtend® Technology or XtendFlex® Technology. Typically, affected plants recover in 1-3 days depending on the level of droop and environmental conditions.<br>• For postemergence applications with a hooded in-row sprayer, soybeans must be a minimum of 15 inches tall at the time of application.<br>• For postemergence applications with a directed layby sprayer, the release point for the herbicide must not be more than 10 inches from the soil and soybeans must be at least 20 inches in height. Spray tip must be angled downward to the soil making sure no spray droplets remain in the air |
| **Use Restrictions** | • DO NOT apply **less than** 22 fluid ounces (0.5 lb. a.e. dicamba) per acre.<br>• DO NOT apply **more than** 22 fluid ounces (0.5 lb. a.e. dicamba) per acre.<br>• DO NOT exceed two pre-emergent applications.<br>• DO NOT exceed two post-emergent applications.<br>• DO NOT exceed 88 fluid ounces per acre (2.0 lb. a.e. dicamba per acre) per year. |

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## STORAGE AND DISPOSAL

Proper pesticide storage and disposal are essential to protect against exposure to people and the environment due to leaks and spills, excess product or waste, and vandalism. Do not allow this product to contaminate water, foodstuffs, feed or seed by storage or disposal.

**Pesticide storage**
Store pesticides away from food, pet food, feed, seed, fertilizers, and veterinary supplies. Keep container closed to prevent spills and contamination.

**Pesticide disposal**
To avoid wastes, use all material in this container, including rinsate, by application according to label directions. If wastes cannot be avoided, offer remaining product to a waste disposal facility or pesticide disposal program. Such programs are often run by state or local governments or by industry. All disposal must be in accordance with applicable federal, state, and local regulations and procedures.

**Container handling and disposal**
[*Insert appropriate Container Handling and Disposal Statement and Refilling Limitation from the following options*]

[*CONTAINER HANDLING AND DISPOSAL STATEMENT AND REFILLING LIMITATION FOR NONREFILLABLE RIGID CONTAINERS OF LESS THAN 1-GALLON CAPACITY*]
Nonrefillable container. Do not reuse or refill this container.

[*Alternative container statement:* Nonrefillable container. Do not reuse this container to hold materials other than pesticides or dilute pesticides (rinsate). After emptying and cleaning, it may be allowable to temporarily hold rinsate or other pesticide-related materials in this container. Contact your state regulatory agency to determine allowable practices in your state.]

Triple rinse this container promptly after emptying.

Triple rinse as follows: Empty the remaining contents into application equipment or mix-tank and continue to drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or mix-tank, or store rinsate for later use or disposal. Continue to drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

Once properly rinsed, some plastic [*Optional text:* agricultural] pesticide containers can be taken to a container collection site or picked up for recycling. [*Alternative container disposal statement:* Then offer the container for recycling, if available.]

[*Optional container disposal statement:* To find the nearest collection site, contact your chemical dealer or Bayer at 1-866-99BAYER (1-866-992-2937).]
If recycling is not available, dispose of in accordance with federal, state and local regulations and procedures, which may include puncturing the properly rinsed container and disposing in a sanitary landfill.

[*CONTAINER HANDLING AND DISPOSAL STATEMENT AND REFILLING LIMITATION FOR NONREFILLABLE RIGID PLASTIC 2.5-GALLON CONTAINER AND OTHER NONREFILLABLE CONTAINERS OF GREATER THAN 1-GALLON BUT EQUAL TO OR LESS THAN 5-GALLON CAPACITY*]
Nonrefillable container. Do not reuse this container to hold materials other than pesticides or dilute pesticides (rinsate). After emptying and cleaning, it may be allowable to temporarily hold rinsate or other pesticide-related materials in this container. Contact your state regulatory agency to determine allowable practices in your state.

[*Alternative container statement:* Nonrefillable container. Do not reuse or refill this container.]

Triple rinse or pressure rinse (or equivalent) this container promptly after emptying.

Triple rinse as follows: Empty the remaining contents into application equipment or mix-tank and continue to drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or mix-tank, or store rinsate for later use or disposal. Continue to drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

Pressure rinse as follows: Empty the remaining contents into application equipment or mix-tank and continue to drain for 10 seconds after the flow begins to drip. Place container so that it can drain directly into application equipment or mix-tank while rinsing, or collect rinsate for later use or disposal. Insert pressure rinsing nozzle into the side of the container and rinse at about 40 PSI for at least 30 seconds. Continue to drain for 10 seconds after the flow begins to drip.

Once properly rinsed, some plastic [*Optional text:* agricultural] pesticide containers can be taken to a container collection site or picked up for recycling. [*Alternative container disposal statement:* Then offer the container for recycling, if available.]

[*Optional container disposal statement:* To find the nearest collection site, contact your chemical dealer or Bayer at 1-866-99BAYER (1-866-992-2937).]

If recycling is not available, dispose of in accordance with federal, state and local regulations and procedures, which may include puncturing the properly rinsed container and disposing in a sanitary landfill.

[*CONTAINER HANDLING AND DISPOSAL STATEMENT AND REFILLING LIMITATION FOR NONREFILLABLE RIGID PLASTIC 30-GALLON CONTAINER AND OTHER NONREFILLABLE CONTAINERS OF GREATER THAN 5-GALLON CAPACITY*]
Nonrefillable container. Do not reuse or refill this container.

[*Alternative container statement:* Nonrefillable container. Do not reuse this container to hold materials other than pesticides or dilute pesticides (rinsate). After emptying and cleaning, it may be allowable to temporarily hold rinsate or other pesticide-related materials in this container. Contact your state regulatory agency to determine allowable practices in your state.]

Triple rinse or pressure rinse (or equivalent) this container promptly after emptying.

[*Optional label text:* For containers not equipped with pumping systems,] Triple rinse as follows: Empty the remaining contents into application equipment or mix-tank. Fill the container ¼ full with water. Replace and tighten closures. Tip the container on its side and roll it back and forth for 30 seconds, ensuring at least one complete revolution. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or mix-tank, or store rinsate for later use or disposal. Repeat this procedure two more times.

[*Alternative or additional triple rinsing instructions for large containers equipped with pumping systems:* [*Optional label text:* For large containers equipped with pumping systems,] Triple rinse as follows: Empty the remaining contents into application equipment or mix-tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times.]

Pressure rinse as follows: Empty the remaining contents into application equipment or mix-tank and continue to drain for 10 seconds after the flow begins to drip. Place container so that it can drain directly into application equipment or mix-tank while rinsing, or collect rinsate for later use or disposal. Insert pressure rinsing nozzle into the side of the container and rinse at about 40 PSI for at least 30 seconds. Continue to drain for 10 seconds after the flow begins to drip.

Once properly rinsed, some plastic [*Optional text:* agricultural] pesticide containers can be taken to a container collection site or picked up for recycling. [*Alternative container disposal statement:* Then offer the container for recycling, if available.]

[*Optional container disposal statement:* Some container manufacturers offer container recycling. See additional information regarding manufacturer recycling programs attached to this container, if available. If no recycling information is available on this container, contact your chemical dealer or Bayer at 1-866-99BAYER (1-866-992-2937) to find the nearest recycling location.]

[*Optional container disposal statement:* To find the nearest collection site, contact your chemical dealer or Bayer at 1-866-99BAYER (1-866-992-2937).]

If recycling is not available, dispose of in accordance with federal, state and local regulations and procedures, which may include puncturing the properly rinsed container and disposing in a sanitary landfill.

[*Optional container disposal statement:* Return Properly Rinsed Container to Bayer for Recycling – Call 1-866-99BAYER (1-866-992-2937).]

[*Optional additional container disposal statement:* IBC EMPTY? – FREE CALL – 1-888-SCHUETZ (1-888-724-8389) www.schuetz.net/ticket; Schuetz ticket service]

[*Optional additional container disposal statement:* FREE IBC PICKUP] [For continental USA and Canada only.]

[*Optional additional container disposal statement:* RETURNnet SYSTEM – To return empty IBC's Email or Call – www.returnnetsystem.com – 1-888-758-SHIP (1-888-758-7447) – United States and Canada – IBCNA – Clarkston, Michigan – USA]

[*CONTAINER HANDLING AND DISPOSAL STATEMENT AND REFILLING LIMITATION FOR ALL REFILLABLE CONTAINERS, EXCEPT TRANSPORT VEHICLES*]
Refillable container. Refill this container with pesticide only. Do not reuse this container for any other purpose.

Cleaning this container before refilling is the responsibility of the refiller. Cleaning this container before final disposal is the responsibility of the person disposing of the container.

To clean this container before final disposal, empty the remaining contents from the container into application equipment or mix-tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times.

[*Optional container disposal statement:* Then offer the container for recycling, if available.]

[*Optional container disposal statement:* Some container manufacturers offer container recycling. See additional information regarding manufacturer recycling programs attached to this container, if available. If no recycling information is available on this container, contact your chemical dealer or Bayer at 1-866-99BAYER (1-866-992-2937) to find the nearest recycling location.]

[*Optional additional container disposal statement:* IBC EMPTY? – FREE CALL – 1-888-SCHUETZ (1-888-724-8389) www.schuetz.net/ticket; Schuetz ticket service]

[*Optional additional container disposal statement:* FREE IBC PICKUP] [For continental USA and Canada only.]

[*Optional additional container disposal statement:* RETURNnet SYSTEM – To return empty IBC's Email or Call – www.returnnetsystem.com – 1-888-758-SHIP (1-888-758-7447) – United States and Canada – IBCNA – Clarkston, Michigan – USA]

[*Optional container disposal statement:* To obtain information about recycling refillable containers, contact Bayer at 1-866-99BAYER (1-866-992-2937).]

[*Optional container disposal statement:* Return Properly Rinsed Container to Bayer for Recycling – Call 1-866-99BAYER (1-866-992-2937).]

[*Optional additional container label statements for the CUBE refillable packaging system only*:
**CUBE** Bayer Refillable Delivery System
FEATURES INCLUDE:
- Automatic Venting
- Heavy duty one-way 2-inch camloc ball valve with protective shield door
- Complete coated steel protective enclosure
- Durable 4-way plastic pallet
- Lift door to access one-way valve]

## CONDITIONS OF SALE AND LIMITATIONS OF WARRANTY AND LIABILITY

Read the entire Directions for Use, Conditions, Disclaimer of Warranties, and Limitations of Liability before buying or using this product. If terms are not acceptable, return the unopened product container at once.

By using this product, user or buyer accepts the following Conditions, Disclaimer of Warranties, and Limitations of Liability.

**CONDITIONS:** The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Crop injury, ineffectiveness, or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application inconsistent with this label (including conditions noted on the label , such as unfavorable soil conditions, unfavorable climate conditions, etc.), all of which are beyond the control of Bayer CropScience LP ("Bayer") or the seller. To the extent consistent with applicable law, all such risks shall be assumed by the user or buyer. Buyer and all users shall promptly notify Bayer of any claims whether based in contract, negligence, strict liability, other tort or otherwise

**DISCLAIMER OF WARRANTIES:** Subject to risks as set forth in the Conditions above, Bayer warrants that this product is reasonably fit for the purposes stated on the label when used for the purposes stated on the label when used in accordance with directions. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BAYER MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE. BAYER MAKES NO RECOMMENDATION OR WARRANTY HEREIN REGARDING THE USE OF ANY PRODUCTS THAT MAY APPEAR ON THE WEBSITE REFERENCED IN THE TANK MIXING INSTRUCTIONS HEREIN, REGARDLESS OF WHETHER SUCH PRODUCT IS USED ALONE OR IN A TANK MIX WITH XtendiMax® With VaporGrip® Technology. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BAYER DISCLAIMS ANY LIABILITY WHATSOEVER FOR SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, FOR IN-CROP (OVER-THE-TOP) USES ON CROPS WITH XTEND® TECHNOLOGY, CROP SAFETY AND WEED CONTROL PERFORMANCE ARE NOT WARRANTED BY BAYER WHEN THIS PRODUCT IS USED IN CONJUNCTION WITH "BROWN BAG" OR "BIN RUN" SEED SAVED FROM PREVIOUS YEAR'S PRODUCTION AND REPLANTED. FURTHER, TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BAYER DOES NOT WARRANT THE WEED CONTROL PERFORMANCE OF DICAMBA-RESISTANT WEED BIOTYPES.

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## PRODUCED FOR

Bayer CropScience

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**XTENDIMAX® WITH VAPORGRIP® TECHNOLOGY (PENDING) 10/24/2020**