RESTRICTED USE PESTICIDE
For retail sale to and use only by Certified Applicators or persons under their direct supervision and only for those uses covered by the Certified Applicator’s certification.

This labeling expires on 11/09/2018, unless the U.S. EPA determines before that date that off-site incidents are not occurring at unacceptable frequencies or levels. Do not use or distribute this product after 11/09/2018, unless you visit [www.xtendimaxapplicationrequirements.com](http://www.xtendimaxapplicationrequirements.com) and can verify that EPA has amended this expiration date.

This label supersedes any previously issued labeling for this product, including previously issued supplemental labeling.

For weed control in asparagus, conservation reserve programs, corn, cotton, fallow croplands, general farmstead (noncropland), sorghum, grass grown for seed, hay, proso millet, pasture, rangeland, small grains, sod farms and farmstead turf, soybean, sugarcane, cotton with XtendFlex® Technology, and Roundup Ready 2 Xtend® Soybean.

XtendiMax® With VaporGrip® Technology is approved by U.S. EPA for all uses specified on this label 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.

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

READ THE ENTIRE LABEL FOR XTENDIMAX® WITH VAPORGRIP® TECHNOLOGY BEFORE PROCEEDING WITH THE USE DIRECTIONS CONTAINED IN THIS LABEL.

READ AND FOLLOW ALL APPLICABLE DIRECTIONS, RESTRICTIONS, AND PRECAUTIONS ON THE CONTAINER LABEL AND BOOKLET AND [WWW.XTENDIMAXAPPLICATIONREQUIREMENTS.COM](http://WWW.XTENDIMAXAPPLICATIONREQUIREMENTS.COM).

ACTIVE INGREDIENT:
Diglycolamine salt of dicamba (3,6-dichloro-o-anisic acid)* ........................................... 42.8%
OTHER INGREDIENTS: .............................................................................................................. 57.2%
TOTAL: .................................................................................................................................. 100.0%
* 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. 524-617

Packed for:
MONSANTO COMPANY
800 N. LINDBERGH BLVD.
ST. LOUIS, MISSOURI, 63167 U.S.A.
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1.0 Ingredients

Active INGREDIENTS

Dichlofop-methyl 3,6-dichloro-o-anisic acid ..........................47.8%

Other INGREDIENTS: ...........................................52.2%

TOTAL: ..................................................................100.0%

* contains 29%, 3,6-dichloro-o-anisic acid (3,6-dichloro-o-anisic acid) (5% and equivalent per U.S. gallon or 350 grams per liter).

2.0 Important phone numbers

1. IN CASE OF AN EMERGENCY, contact THIS HERBICIDE PRODUCT, OR FOR MEDICAL ASSISTANCE, CALL COLLECT, DAY OR NIGHT. (314) 894-4800.

2. IN CASE OF SPILLS: Sheds to be taken in case material is released or spilled.

3. Do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 24 hours. Do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 24 hours.

4.1 Training

Prior to applying this product in 2018 growing season and each growing season thereafter, applicator(s) must complete dicamba or x-cis-specific training. If training is available and required by the state where the applicator intends to apply this product, the applicator must complete the training. If the state where the application is intended does not require x-cis-specific training, then the applicator must complete dicamba or x-cis-specific training provided by the following association: a registered applicator must apply a dicamba product approved for in-crop use with dicamba-tolerant crops or, if a state or state-authorized provider.

4.2 Record Keeping

Record keeping is required for applications of this product. The certified applicator must keep the following records for a period of at least two years: records must be maintained as soon as practicable after the application and a record must be kept for each application of XenoMax® with VaporGrip® Technology. Records must be made available to State Pestocide Control officials (USDA, EPA, and EPA open record). An example form summarizing recordkeeping requirements can be found at http://www.mississippi.gov/agriculture/mon82.

1. All items required by 7 C.F.R Part 110 (RECORDKEEPING ON RESTRICTED USE PESTICIDES BY CERTIFIED APPLICATORS) including:

• The brand name.

• The EPA registration number.

• The total amount applied.

• The manuf. day and order.

• The location of the application.

• The crop treated and treated product, or site.

• The size of treated area.

• The name of the certified applicator.

2. Training: Date and provider of required training completed 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.

5. Buffer requirement: Record of the buffer distance calculations and any areas included within the buffer. Records should include the buffer distance calculations as allowed in Section 4.1.a.

6. Susceptible Crops Awareness: record a sensitive crop registry was consulted, or a document surveying neighboring fields for any susceptible crops prior to application. At a minimum, the record should include the name of the sensitive crop registry and the data consulted or the survey of neighboring fields and the state contacts consulted (see Table. 3 for additional information).

7. Start and Finish Times of Each Application: record of the time at which the application started and the time when the application finished.

8. Application Timing: Record of the type of application (for example: pre-emergence, post-emergence, or directed against weeds). Record also the number of days after planting.

9. Weather: Record of the temperature in degrees Fahrenheit at the start and completion of each application.

10. Wind Speed and Direction: record of the wind speed and direction (from which the wind is blowing) at boom height at the start and completion of each application of this product (See Table 3 for information on wind speed).

11. Pesticide and Product Registered for the spray新常态 product, brand, type, or size, and operating pressure used during each application of this product (See Table 3 for information on size and pressures.)

12. Bank/Mortgage/Insurance: record of the sale numbers and EPA registration numbers (if available) for all product (pesticides, adjuvants, and other products) that were tank mixed with this product for each application (See Table 3 for more information on tank mixing).

13. Spray System Equipment Cleanout: At a minimum, records must include the confirmation that the sprayer system was clean before using this product and that the post-application cleanout was completed in accordance with Section 4.15.

Agricultural USE Requirements

Use this product only in accordance with its labeling and with the Water Protection Standard (40 CFR Part 123). This standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouse, and handlers of agricultural pesticides. It contains requirements for training, documentation, recordkeeping, environmental monitoring, and other activities. The person responsible for pesticide application must consult the Water Protection Standard and that involves contact with anything that has been treated, such as, plants, soil, or water.

Chemical-resistant headgear for overhead exposure

Chemical-resistant hoodgear for overhead exposure

Refrigeration of perishable crops and vegetables

Non-Agricultural USE Requirements

The requirements in this box apply to uses of this product that are not within the scope of the Water Protection Standard and that involves contact with anything that has been treated, such as, plants, soil, or water.

Chemical-resistant headgear for overhead exposure

Chemical-resistant hoodgear for overhead exposure

Refrigeration of perishable crops and vegetables

5.0 Storage and disposal

Pesticide storage and disposal is essential to protect against exposure to people and the environment. This product can be stored safely in its original container. Do not allow this product to contaminate water, foodstuffs, feed or seed by storage and disposal. Open dumping is prohibited. This product may not be mixed, loaded, or used within 50 feet of airways open to surface water flow over or from the pad. The pad capacity must be maintained at 110% that of the permanent liquid bulk storage. Anti-siphoning devices must be used on all mixing equipment.

5.1 Pesticide Storage

Greenwater contamination may be reduced by digging and flooring of permanent liquid bulk storage sites with an impermeable material. Spillage and leakage should be contained and absorbed with clay granules, sawdust, or equivalent material for disposal.
Weed Type and Stage

The applicator must use an approved nozzle within a specified pressure range and a specified flow rate for each nozzle size. It is important to delay the selection for resistance.

3.1 Restrictions

The applicator must use XtendiMax® Technology within a specified pressure range for each nozzle size.

3.2 Mixing Instruction

Dosage: Do not exceed a dosage of 15.5 ounces per acre unless otherwise specified in this label.

3.3 Adjuvants, Drift Reducing Adjuvants, Surfactants, and Other Tank-Mixed Products

See container label for container handling and disposal instructions and "LIMITATION OF WARRANTY AND LIABILITY" herein for more information.

2.3 Mixing Order

Do not cultivate within 7 days after applying this product.

Spray equipment used to apply XtendiMax® Technology may only be tank-mixed with products that have been tested and found not to adversely affect the offsite movement potential of XtendiMax® Technology. Do not use any other nozzle and pressure combination not specifically approved by Monsanto.

2.1 Compatibility Test for Mix Components

Volume: Do not exceed a dosage of 15.5 ounces per acre unless otherwise specified in this label.

2.2 Mixing Order

When making applications in low relative humidity or temperatures above 91 degrees Fahrenheit, set up equipment to produce larger droplets to compensate for evaporation rates. Do not exceed a dosage of 15.5 ounces per acre unless otherwise specified in this label.

2.1 Compatibility Test for Mix Components

Volume: Do not exceed a dosage of 15.5 ounces per acre unless otherwise specified in this label.

2.2 Mixing Order

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2.2 Mixing Order

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Volume: Do not exceed a dosage of 15.5 ounces per acre unless otherwise specified in this label.

2.2 Mixing Order

When making applications in low relative humidity or temperatures above 91 degrees Fahrenheit, set up equipment to produce larger droplets to compensate for evaporation rates. Do not exceed a dosage of 15.5 ounces per acre unless otherwise specified in this label.
The inverse relationship with increased winds (above 3 miles per hour) or a sunny when the surface air begins to warm (generally 37°F from morning)

9.1.4. Buffer Requirements and Protection of Susceptible Crops

Do not apply under circumstances where drift may occur to food, forage, or other plantings that might be damaged or the crops rendered unfit for sale, use, or consumption.

9.1.4.a. Buffer Requirement

The applicator must maintain a 110 foot downwind buffer (when applying up to 22 fluid ounces of this product per acre) or a 220 foot downwind buffer (when applying greater than 22 up to 44 fluid ounces of this product per acre) between the treated row and the nearest downwind field edge that is planted to the wind tolerant crop.

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

- Natural areas like forests, savanna, rangeland, or wetland
- Cultivated crops that will be planted to non-dicamba tolerant soybeans or cotton
- Agricultural fields that have been prepared for planting
- Areas cleaned by the building, soils, or other man-made structure with walls or roof

9.1.4.b. Susceptible Crops

Do not apply this product when the wind is blowing toward adjacent non-dicamba tolerant susceptible crops; this includes NON-DICAMBA TOLERANT SOYBEAN AND COTTON

Before making an application, the applicator must survey the application site for adjacent non-target susceptible crops. The applicator must also consult applicable sensitive crop registries to identify any commercial specialty or certified organic crops that must be located near the application site. Large areas should be considered for drift potential. The applicator is responsible for compliance with state and local pesticide regulations, including any state or local pesticide drift regulations.

9.2 Ground Application (Bandling)

When applying XtendFlex® With VaporGrip Technology by bandling, determine the amount of herbicide and water volume needed using the following formula:

Bandwidth in inches

<table>
<thead>
<tr>
<th>Row width in inches</th>
<th>Broadcast rate</th>
<th>Bandwidth herbicide rate per acre</th>
<th>Bandwidth water volume per acre</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>6.0 lb/ac</td>
<td>1.5 lb/ac</td>
<td>7.5 gal/ac</td>
</tr>
<tr>
<td>3</td>
<td>9.0 lb/ac</td>
<td>2.2 lb/ac</td>
<td>11.0 gal/ac</td>
</tr>
<tr>
<td>4</td>
<td>12.0 lb/ac</td>
<td>2.9 lb/ac</td>
<td>14.5 gal/ac</td>
</tr>
</tbody>
</table>

9.3 Ground Application (Broadcast)

Water Volume: Use a minimum of 15 gallons of spray solution per broadcast acre for optimal performance. Use 20 gallons of water for broadcast spraying of tolerant and non-tolerant weeds and vegetation.

Application Equipment: Select nozzles (refer to section 9.1.1. Nozzle type of this product label) designed to produce minimal free spray particles. Spray with nozzles as close to the weeds as practical for good weed control.

Using a hooded sprayer or other drift reduction technology in combination with approved nozzles may further reduce drift potential.

9.4 Ground Application (Wipers)

XtendFlex® With VaporGrip Technology may be applied through vapor application equipment to control weeds suppressively growing between broadcast treatments. When used in a combination of 1 part XtendFlex® With VaporGrip Technology to 1 water part, do not apply greater than 1 lb dicamba acid equivalent (1 quart of this product) per acre on all treatments. Do not contact discriminative vegetables with herbicide technology. XtendFlex® Technology may be applied to the crops (including pasture) and non-compliant areas described in this label except for non-dicamba tolerant cotton, sorghum, and non-susceptible dicamba tolerant crops.

9.5 Proper Spray System Equipment Cleanout

You must ensure that the system used to apply this product is clean before using this product.

To properly clean the entire spray system can result in inadvertent contamination of the spray system.

Small areas of dicamba may cause injury to non-dicamba tolerant soybeans and other susceptible crops (Section 9.1.4 of this label for more information).

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. Flush tank, hoses, boom and nozzles with clean water 5 to 15 minutes, open boom ends and flush.

3. Inspect and clean all strainers, screeners and filters.

4. Prepare a cleaning solution with a commercial detergent or sprayer cleaner or ammonia according to the manufacturer’s directions.

5. Care must be taken for 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 spray 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. Rinse the complete spray system with clean water.

10. Additional Restrictions

Maximum Application Rates: The maximum application of use rates stated throughout this label are given in units of volume (fluid quarts or gallons) per acre. However, the maximum allowed application rates for broadcast applications are based on a total of pounds of dicamba (acid equivalents) per acre. If more than one dicamba-containing product is applied to the same site within the same year, you must ensure that the total use of dicamba (pounds acid equivalents) does not exceed 2 pounds acid equivalents per season.

Maximum Seasonal Use Rate: Refer to Table 2. Crop-Specific Restrictions for crop-specific maximum seasonal use rates. Do not exceed 88 fluid ounces of XtendiMax® Technology (2 pounds acid equivalent) per acre, per year.

Preharvest Interval (PHI): Refer to the CROP-SPECIFIC INFORMATION section for preharvest intervals.

Restrict Entry Interval (REI): 24 hours

Crop Rotational Restrictions: No rotational cropping restrictions apply when applying Roundup Ready 2® Soybeans or cotton seed with XtendFlex® Technology (including Bullard®- 3H XtendFlex® Cottons, Bullard® Xdendrix® Cotton, or XtendFlex® Cotton). For other crops, refer to the restrictions in the directions for use for preplant applications in Section 11. Crop-Specific Information of this label. Do not plant barley, oats, wheat, and other grass seedings for 15 days after the application of any XtendiMax® or 88 fluid ounces of XtendiMax® Technology product applied per treated acre of the Mississippi River between 22 and 22 days after the application of XtendiMax® Technology product applied per acre of the Mississippi River. No planting rotations apply beyond 125 days after application of this product.

Applying/replicating restrictions at application rates of 33 fluid ounces of this product per acre or season or less: Follow the planting restrictions in the directions for use for Preplant applications in the Crop-Specific Information section of this label. Exempt corn, cotton (except cotton seed with XtendFlex® Technology), sorghum, and soybean (except Roundup Ready 2® Soybean) from the planting restrictions in the directions for use for preplant applications in Section 11. Crop-Specific Information of this label. Do not plant barley, oats, wheat, and other grass seedings for 15 days after the application of any XtendiMax® Technology product applied per treated acre of the Mississippi River and 45 days for 22 fluid ounces of this product applied per acre west of the Mississippi River. No planting restrictions apply beyond 125 days after application of this product.

Planting/replanting restrictions at application rates of more than 33 fluid ounces and up to 88 fluid ounces of this product per acre or season: Wait a minimum of 120 days after the application of this product before planting corn, cotton and soybeans (except cotton seed with XtendFlex® Technology) root of the Rocky Mountains and planting all other crops (except Roundup Ready 2® Soybean) grown in areas receiving 30 inches or more rain annually. Wait a minimum of 180 days between spraying corn in areas with less than 30 inches of annual rainfall. Wait a minimum of 60 days for the fallow period. 22 fluid ounces per treated acre applied per acre east of the Mississippi River and 22 days after the application of XtendiMax® Technology applied per treated acre of the Mississippi River.

2. Crop-Specific Restrictions

<table>
<thead>
<tr>
<th>Crop</th>
<th>Maximum Low Rate Per Acre (ll oz)</th>
<th>Maximum High Rate Per Acre (ll oz)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Asparagus</td>
<td>22</td>
<td>22</td>
</tr>
<tr>
<td>Barley</td>
<td>11</td>
<td>11</td>
</tr>
<tr>
<td>Conservation Reserve Program (CRP)</td>
<td>44</td>
<td>44</td>
</tr>
<tr>
<td>Cotton</td>
<td>22</td>
<td>22</td>
</tr>
<tr>
<td>Livestock Grazing or Feeding</td>
<td>44</td>
<td>44</td>
</tr>
<tr>
<td>No-dicamba tolerant grasses</td>
<td>44</td>
<td>44</td>
</tr>
<tr>
<td>Oats</td>
<td>5.5</td>
<td>5.5</td>
</tr>
<tr>
<td>Pastureland</td>
<td>44</td>
<td>44</td>
</tr>
<tr>
<td>Pea</td>
<td>5.5</td>
<td>5.5</td>
</tr>
<tr>
<td>Small grains for grass, forage, fodder, hay, and pasture</td>
<td>22</td>
<td>22</td>
</tr>
<tr>
<td>Sorghum</td>
<td>44</td>
<td>44</td>
</tr>
<tr>
<td>Soil</td>
<td>44</td>
<td>44</td>
</tr>
<tr>
<td>Small grains for grass, forage, fodder, hay, and pasture</td>
<td>5.5</td>
<td>5.5</td>
</tr>
<tr>
<td>Soybean</td>
<td>44</td>
<td>44</td>
</tr>
<tr>
<td>Sugar Cane</td>
<td>44</td>
<td>44</td>
</tr>
<tr>
<td>Tobacco</td>
<td>5.5</td>
<td>5.5</td>
</tr>
<tr>
<td>Turf</td>
<td>44</td>
<td>44</td>
</tr>
<tr>
<td>Wheat</td>
<td>5.5</td>
<td>5.5</td>
</tr>
</tbody>
</table>

11. Crop-Specific Information

Roadside Sections: 8.0 for Tank Mixing Instructions and 9.1.4 for Buffer Requirements and Susceptible Crops for information on tank mixing, buffer requirements, and susceptible crops.

XtendFlex® Technology to emerged and actively growing weeds in carpinus (European hornbeam), Prosopis (mesquite), and Vachellia (acacia).

XtendiMax® Technology to emerged and actively growing weeds in clover, alfalfa, and other legumes.

XtendiMax® Technology to broadleaf weeds in alfalfa, clover, and other legumes.

XtendiMax® Technology to annual and biennial grasses and broadleaf weeds in barley, sorghum, wheat, rye, and rye grasses.

XtendiMax® Technology to emerged and actively growing weeds in non-dicamba tolerant soybeans and cotton.

XtendiMax® Technology to broadleaf weeds in grasses.

XtendiMax® Technology to emerged and actively growing weeds in alfalfa, clover, and other legumes.

XtendiMax® Technology to broadleaf weeds in grasses.

XtendiMax® Technology to emerged and actively growing weeds in cotton, alfalfa, clover, and other legumes.

XtendiMax® Technology to broadleaf weeds in grasses.

XtendiMax® Technology to emerged and actively growing weeds in non-dicamba tolerant soybeans and cotton.

XtendiMax® Technology to broadleaf weeds in grasses.

XtendiMax® Technology to emerged and actively growing weeds in cotton, alfalfa, clover, and other legumes.
Table 3 lists the timing restrictions for grazing or harvesting hay from treated fields. There are no grazing restrictions for animals other than lactating dairy animals.

<table>
<thead>
<tr>
<th>Table 4</th>
<th>Timing Restrictions for Grazing Dairy Animals Following Treatment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rate:</td>
<td>Days Before Grazing</td>
</tr>
<tr>
<td>0.12</td>
<td>23</td>
</tr>
</tbody>
</table>

**XtendiMax® With VaporGrip® Technology**

**Early Season Applications**

Apply 2.75 – 5.5 fluid ounces of XtendiMax® With VaporGrip® Technology to wheat unless using one of the fall-seeded wheat specific programs below. Early season applications to fall-seeded wheat must be made prior to the joint stage.

**Early Season Applications to Spring-Seeded Wheat**

Up to 11 fluid ounces of XtendiMax® With VaporGrip® Technology may be applied on fall-seeded wheat after it exceeds the 3-leaf stage for suppression of perennial weeds, such as field bindweed. Applications may be made in the fall or before a frost but not before a killing freeze.

**Prohibitive Applications**

XtendiMax® With VaporGrip® Technology can be used to control weeds that may interfere with harvest of wheat. Apply 11 fluid ounces XtendiMax® With VaporGrip® Technology per acre as a broadcast and spot treatment to small broadleaf weeds in the hard dough stage and the green color is gone from the nodes (joints) of the stem. The best results will be obtained if applied as a broadcast treatment before small grain weeds can elongate. Allow a minimum of 7 days between treatment and harvest. Do not use prohibited treatment for小麦 unless a germination test is performed on the seed with an acceptable result of 95% germination or better.

**Sorghum**

XtendiMax® With VaporGrip® Technology may be applied preplant, postemergence, or preharvest in sorghum to control annual broadleaf weeds and to reduce competition from established perennial broadleaf weeds, as well as control their seedlings.

Do not graze or feed treated sorghum brage or sillage prior to major stage growth. If sorghum is grazed or fed, refer to USDA-RGAR-09, General Farmstead Section of this label for specific grazing and feeding restrictions.

Do not apply XtendiMax® With VaporGrip® Technology to sorghum grown for seed production.

**Soybean**

Up to 11 fluid ounces of XtendiMax® With VaporGrip® Technology may be applied per acre if used at least 15 days before sorghum planting.

**Peach and Other Stone Fruits**

When applying XtendiMax® With VaporGrip® Technology per acre may be applied after the peach fruits are.set. Do not apply XtendiMax® With VaporGrip® Technology when the succulent fruits are more than 3" tall. Stone fruit crops require a 7-day minimum of 95% germination or better.

Do not apply XtendiMax® With VaporGrip® Technology before spring-seeded barley exceeds the 4-leaf stage.

**Small Grains: Barley (fall- and spring-seeded)**

Apply 2.75 – 5.5 fluid ounces of XtendiMax® With VaporGrip® Technology to fall-seeded barley unless using one of the fall-seeded wheat specific programs below. Allow a minimum of 7 days between treatment and planting. Do not exceed 22 fluid ounces of XtendiMax® With VaporGrip® Technology per acre for small grains. These plant back intervals must be observed prior to planting small grains or crop injury may occur.

For directions on use with crops with Xtend Technology see the “CROPS WITH XTEND TECHNOLOGY” section of this label.

**Split Applications**

Apply 5.5 – 22 fluid ounces of XtendiMax® With VaporGrip® Technology per acre to control emerging broadleaf weeds prior to planting soybeans. Do not exceed 22 fluid ounces of XtendiMax® With VaporGrip® Technology per acre in a spring application prior to planting soybeans.

Following application of XtendiMax® With VaporGrip® Technology and a minimum accumulation of 1 inch of rainfall or overhead irrigation, allow a minimum of 7 days between treatment and planting for applications of 11 fluid ounces per acre or less, and a minimum of 28 days between treatment and planting for applications of 22 fluid ounces per acre. These plant back intervals must be observed prior to planting soybeans or crop injury may occur.

Do not make XtendiMax® With VaporGrip® Technology plant applications to soybeans in geographic areas with average annual rainfall less than 25".

**Preharvest Applications**

XtendiMax® With VaporGrip® Technology can be used to control annual broadleaf weeds and control or suppress many biennial and perennial broadleaf weeds in small grains during periods of rapid growth may result in temporary leaning of plants or rolling of leaves. These effects are usually outgrown within 10 - 14 days. Delay harvest until 30 days after a preharvest treatment.

**Preharvest Applications for Corn, Cotton, and Other Non-Crop Plants**

Do not apply XtendiMax® With VaporGrip® Technology per acre if may be applied for weed suppression any time after the sorghum has reached the soft dough stage. An agriculturally approved surfactant may be used to improve spray coverage. (Refer to Section 8 for tank mixing directions). Delay harvest until 30 days after a preharvest treatment.

**Sugarcane**

XtendiMax® With VaporGrip® Technology may be applied in split applications, preplanted followed by postemergence or preharvest, or postemergence followed by preharvest. Do not exceed 11 fluid ounces per acre, per application or a total of 22 ounces per acre, per season.

**Soybean**

For directions on use with crops with Xtend Technology see the “CROPS WITH XTEND TECHNOLOGY” section of this label.

**Timing XtrendiMax® With VaporGrip® Technology**

Applying the active ingredient immediately after the grass seed crop begins to joint.

**Note:**

XtendiMax® With VaporGrip® Technology before spring-seeded barley exceeds the 4-leaf stage.
12.0 CROPS WITH XTEND TECHNOLOGY
COTTON WITH XTEND® TECHNOLOGY (INCLUDING BOLLGARD® II XTEND®, COTTON WITH BOLLGARD® 3 XTEND®, COTTON WITH XTENDFlex® COTTON, AND ROUNDUP READY® 2 XTEND® Soybean) CONTAIN A PATENTED GENE THAT PROMOTES TOLERANCE TO DICAMBA, THE ACTIVE INGREDIENT IN THIS PRODUCT. THIS PRODUCT WILL CAUSE SEVERE CROP INJURY OR DESTRUCTION AND WILL NOT BE APPLIED TO COTTON WITH XTEND® TECHNOLOGY OR ROUNDUP READY® 2 XTEND® Soybean. Cotton with XTEND® Technology and Roundup Ready 2® Soybean are owned by Monsanto and a license must be obtained from Monsanto before using. Contact your Authorized Monsanto Retailer for information on obtaining a license to Cotton with XTEND® Technology and Roundup Ready 2® Soybean.

12.1 Cotton with XTEND® Technology
DO NOT combine these instructions with other instructions in the "COTTON" section of this label. Cotton with XTEND® Technology must not be applied over crops that do not contain the dicamba tolerance trait.

**TYPES OF APPLICATIONS:** Burndown/Early Preplant, Preplant, At-Planting, Preemergence, Postemergence (In-crop)

**USE INSTRUCTIONS:** Apply this product in a minimum of 15 gallons of spray solution per acre as a broadcast application. For best performance, control weeds early when they are less than 4 inches tall. Timing application will improve control and reduce weed competition. Refer to the following table for maximum application rates of Cotton with XTEND® Technology.

<table>
<thead>
<tr>
<th>COTTON WITH XTEND® TECHNOLOGY</th>
<th>Maximum Application Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Burndown/Early Preplant, Preplant, At-Planting, Preemergence applications</td>
<td>44 fluid ounces per acre (1.0 lb. a.e. dicamba) per acre</td>
</tr>
<tr>
<td>Preemergence applications</td>
<td>44 fluid ounces per acre (1.0 lb. a.e. dicamba) per acre</td>
</tr>
<tr>
<td>Total of all Burndown/Early Preplant, Preplant, At-Planting, Preemergence applications</td>
<td>44 fluid ounces per acre (1.0 lb. a.e. dicamba) per acre</td>
</tr>
<tr>
<td>Maximum in-crop, single application</td>
<td>22 fluid ounces per acre (0.5 lb. a.e. dicamba) per acre</td>
</tr>
<tr>
<td>Maximum in-crop, single application to control broadleaf weeds</td>
<td>22 fluid ounces per acre (0.5 lb. a.e. dicamba) per acre</td>
</tr>
</tbody>
</table>

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**USE INSTRUCTIONS:** This product may be used to control broadleaf weeds in Cotton with XTEND® Technology. In-crop applications of this product can be made from emergence up to the R1 growth stage of soybeans. Do not apply more than 44 fluid ounces (1.0 lb. a.e. dicamba) per acre. Do not make more than one application in-crop of this product per growing season. Apply 30 - 200 gallons of diluted spray per treated acre (3 - 17 quarts of water per 1,000 square feet). Depending on density and height of weeds treated and the type of equipment used.

12.2 Roundup Ready 2® Soybean
DO NOT combine these instructions with other instructions in the “SOYBEAN” Section of this label for use on crops that do not contain the dicamba tolerance trait.

**TYPES OF APPLICATIONS:** Burndown/Early Preplant, Preplant, At-Planting, Preemergence

**USE INSTRUCTIONS:** This product may be used to control broadleaf and grassy weeds and may be applied preplant, preplant, at-planting, and preemergence applications. Maximum in-crop application rate should be used when treating tough to control weeds, dense vegetation or weeds with a well-established root system.

**USE INSTRUCTIONS:** This product may be used to control broadleaf weeds and may be applied preplant, preplant, at-planting, and preemergence applications. Maximum in-crop application rate should be used when treating tough to control weeds, dense vegetation or weeds with a well-established root system.

**USE INSTRUCTIONS:** This product may be used to control broadleaf weeds in Roundup Ready 2® Soybean. In-crop applications of this product can be made from emergence (cracking) up to and including beginning bloom (R1 growth stage of soybeans). Do not make in-crop applications after beginning bloom (R6 growth stage of soybeans) or in excess of 88 fluid ounces (2.0 lb a.e. dicamba) per acre. Do not make more than one application in-crop of this product per growing season. Apply 30 - 200 gallons of diluted spray per treated acre (3 - 17 quarts of water per 1,000 square feet). Depending on density and height of weeds treated and the type of equipment used.

**USE INSTRUCTIONS:** This product may be used to control broadleaf weeds in Cotton with XTEND® Technology. In-crop applications of this product can be made from emergence up to the R1 growth stage of soybeans.

**USE INSTRUCTIONS:** This product may be used to control broadleaf weeds in Cotton with XTEND® Technology. In-crop applications of this product can be made from emergence up to the R1 growth stage of soybeans. Do not apply more than 44 fluid ounces (1.0 lb. a.e. dicamba) per acre. Do not make more than one application in-crop of this product per growing season. Apply 30 - 200 gallons of diluted spray per treated acre (3 - 17 quarts of water per 1,000 square feet). Depending on density and height of weeds treated and the type of equipment used.

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14.0 LIMIT OF WARRANTY AND LIABILITY

Monsanto Company warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes set forth in the Complete Directions for Use label booklet ("Directions") when used in accordance with those Directions under the conditions described therein. To the extent consistent with applicable law, no other express warranty or implied warranty of fitness for particular purpose or merchantability is made. This warranty is subject to the conditions and limitations stated herein. Specifically, and without limiting the foregoing, MONSEANTO 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. BUYER AND ALL USERS ARE SOLELY RESPONSIBLE FOR ANY LACK OF PERFORMANCE, LOSS, OR DAMAGE IN CONNECTION WITH THE USE OR HANDLING OF ANY SUCH PRODUCT ALONE OR IN A TANK MIX WITH XTENDIMAX® WITH VAPORGRIp® TECHNOLOGY. Buyer and all users shall promptly notify this Company of any claims whether based in contract, negligence, strict liability, other tort or otherwise. To the extent consistent with applicable law, buyer and all users are responsible for all less or damage from use or handling which results from conditions beyond the control of this Company, including, but not limited to, incompatibility with products other than those set forth in the Directions, application to or contact with desirable vegetation, failure of this product to control weed biotypes which develop resistance to dicamba, unusual weather conditions which are outside the range considered normal at the application site and for the time period when the product is applied, as well as weather conditions which are outside the application ranges set forth in the Directions, application in any manner not explicitly set forth in the Directions, moisture conditions outside the moisture range specified in the Directions, or the presence of products other than those set forth in the Directions in or on the soil, crop or treated vegetation.

This Company does not warrant any product reformulated or repackaged from this product except in accordance with this Company’s stewardship requirements and with express written permission from this Company.

For in-crop (over-the-top) uses on crops with Xtend® Technology, crop safety and weed control performance are not warranted by Monsanto when this product is used in conjunction with “brown bag” or “bin run” seed saved from previous year’s production and replanted TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE LIMIT OF THE LIABILITY OF THIS COMPANY OR ANY OTHER SELLER FOR ANY AND ALL LOSSES, INJURIES OR DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT (INCLUDING CLAIMS BASED IN CONTRACT, NEGLIGENCE, STRICT LIABILITY OR OTHER TORT) SHALL BE THE PURCHASE PRICE PAID BY THE USER OR BUYER FOR THE QUANTITY OF THIS PRODUCT INVOLVED, OR, AT THE ELECTION OF THIS COMPANY OR ANY OTHER SELLER, THE REPLACEMENT OF SUCH QUANTITY OR, IF NOT ACQUIRED BY PURCHASE, REPLACEMENT OF SUCH QUANTITY TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, IN NO EVENT SHALL THIS COMPANY OR ANY OTHER SELLER BE LIABLE FOR ANY INCIDENTAL, CONSEQUENTIAL OR SPECIAL DAMAGES. Upon opening and using this product, buyer and all users are deemed to have accepted the terms of this LIMIT OF WARRANTY AND LIABILITY which may not be varied by any verbal or written agreement. If terms are not acceptable, return at once unopened.

ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. Bollgard II®, Bollgard®, Degree Xtra®, Field Master®, Harness®, Monsanto and Vine Design®, Roundup Ready®, Roundup Ready 2® Xtra, Roundup PowerMAX®, RT 3®, Roundup WeatherMAX®, VaporGrip®, XtendFlex® and Vaporgrip® are registered trademarks of Monsanto Technology LLC. All other trademarks are the property of their respective owners.

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