

FOR PREEMERGENCE AND POSTEMERGENCE USE ON ROUNDUP READY 2 XTEND SOYBEANS AND COTTON WITH XTENDFLEX TECHNOLOGY - NORTH CAROLINA

General Information

PRODUCT INFORMATION

Do not apply by air. This product is a water-soluble formulation intended for control and suppression of many annual, biennials, and perennial broadleaf weeds, as well as woody brush and vines listed in the WEEDS CONTROLLED section of this label. This product may be used for control of these weeds in corn, cotton, conservation reserve programs, fallow cropland, grass grown for seed, hay, proso millet, pasture, rangeland, general farmstead (noncropland), small grains, sorghum, soybean, and sugarcane.

DuPont FeXapan herbicide Plus VaporGrip Technology is a postemergence, systemic herbicide which can have moderate residual control on small seeded broadleaf weeds, including waterhemp, lambsquarters and Palmer pigweed, depending on rainfall and soil type.

Refer to the CROP-SPECIFIC INFORMATION section for application timing and other crop-specific details.

DuPont FeXapan herbicide Plus VaporGrip Technology is readily absorbed by plants through shoot and root uptake, translocates throughout the plant's system, and accumulates in areas of active growth. DuPont FeXapan herbicide Plus VaporGrip Technology interferes with the plant's growth hormones (auxins) resulting in death of many broadleaf weeds.

Do not add buffering agents or pH adjusting agents to the spray solution when DuPont FeXapan herbicide Plus VaporGrip Technology is the only pesticide being applied unless otherwise directed. See the MIXING section of this label for instructions regarding other additives.

RESTRICTIONS

Maximum Application Rates: The maximum application or use rates stated throughout this label are given in units of volume (fluid ounces or quarts) of this

product per acre. However, the maximum allowed application rates apply to this product combined with the use of any and all other herbicides containing the active ingredients dicamba, whether applied separately or as a tank mixture, on a basis of total 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 the maximum allowed. See the INGREDIENTS section of this label for necessary product information.

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 DuPont FeXapan herbicide Plus VaporGrip Technology (2 pounds acid equivalent) per acre, per year.

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

Restricted Entry Interval (REI): 24 hours

Rainfast period: Rainfall or irrigation occurring within 4 hours after postemergence applications may reduce the effectiveness of this product.

Stress: 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 through any type of irrigation equipment. Do not treat irrigation ditches or water used for crop irrigation or domestic purposes.

WEED RESISTANCE MANAGEMENT

Dicamba mimics auxin (a plant hormone) resulting in a hormone imbalance in susceptible plants that interferes with normal cell division, cell enlargement, and protein synthesis. Dicamba active ingredient is a Group 4 herbicide based on the mode of action classification system of the Weed Science Society of America. Any weed population can contain plants naturally resistant to Group 4 herbicides. Weed species resistant to Group 4 herbicides can be effectively managed utilizing another herbicide from a different Group, or by using other cultural or mechanical practices.

Weed Management Practices

To minimize the occurrence of dicamba-resistant biotypes, observe the following weed management practices:

- Scout your fields before and after herbicide application.
- Start with a clean field, using either a burndown herbicide application or tillage.
- Control weeds early when they are relatively small (less than 4 inches).
- Incorporate other herbicides (e.g., a selective and/or a residual herbicide) and cultural practices (e.g., tillage or crop rotation) as part of your weed control system, where appropriate.
- Use the full specified herbicide rate and proper application timing for the hardest to control weed species present in the field. Avoid tank mixtures with other herbicides that reduce the efficacy of this product (through antagonism), or with ones that encourage application rates of this product below those specified on this label.
- Control weed escapes before they reproduce by seed or proliferate vegetatively.
- Clean equipment before moving from field to field to minimize the spread of weed seed or plant parts.
- Use new commercial seed that is as free of weed seed as possible.
- Use good agronomic principles that enhance crop development and crop competitiveness.
- Report any incidence of repeated non-performance of this product on a particular weed to your DuPont representative, local retailer, or county extension agent.

Management of Dicamba-Resistant Biotypes

Appropriate testing is critical in order to determine if a weed is resistant to dicamba. Contact your DuPont representative to determine if resistance in any particular weed biotype has been confirmed in your area, or visit on the Internet www.weedscience.org.

Since the occurrence of new dicamba-resistant weeds cannot be determined until after product use and scientific confirmation, DuPont is not responsible for any losses that result from the failure of this product to control dicamba-resistant weed biotypes.

The following good agronomic practices can reduce the spread of confirmed dicamba-resistant biotypes:

- 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.
- 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 before leaving fields known to contain resistant biotypes.

INTEGRATED PEST MANAGEMENT

This product may be used as part of an Integrated Pest Management (IPM) program that can include biological, cultural, and genetic practices aimed at preventing economic pest damage. IPM principles and practices include field scouting or other detection methods, correct target pest identification, population monitoring, and treating when target pest populations reach locally determined action thresholds. Consult your state cooperative extension service, professional consultants or other qualified authorities to determine appropriate action treatment threshold levels for treating specific pest/crop systems in your area

APPLICATION EQUIPMENT AND TECHNIQUES

DO NOT APPLY THIS PRODUCT USING AERIAL SPRAY EQUIPMENT.

DuPont FeXapan herbicide Plus VaporGrip Technology can be applied to actively growing weeds as broadcast, band, or spot spray applications using water or sprayable fertilizer as a carrier. Control 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. Refer to table 1 for DuPont FeXapan herbicide Plus VaporGrip Technology application rates for control or suppression by weed type and growth stage. For crop-specific application timing and other details, refer to the CROP-SPECIFIC INFORMATION section of this label.

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

CULTIVATION Do not cultivate within 7 days after applying this product.

Ground Application (Banding)

When applying DuPont FeXapan herbicide Plus VaporGrip Technology by banding, determine the amount of herbicide and water volume needed using the following formula in the label.

Ground Application (Broadcast)

Water Volume: Use a minimum of 10 gallons of spray solution per broadcast acre for optimal performance. Use the higher spray volume (20 gallons per acre) when

treating dense or tall vegetation.

Application Equipment: Select nozzles designed to produce minimal amounts of fine spray particles. Spray with nozzles as close to the weeds as practical for good weed coverage.

Ground Application (Wipers)

DuPont FeXapan herbicide Plus VaporGrip Technology may be applied through wiper application equipment to control or suppress actively growing broadleaf weeds, brush and vines. Use a solution containing 1 part DuPont FeXapan herbicide Plus VaporGrip Technology to 1 part water. Do not apply greater than 1 lb dicamba acid equivalent (1 quart of this product) per acre per application. Do not contact desirable vegetation with herbicide solution.

Wiper application may be made to crops (including pastures) and non-cropland areas described in this label with the exception of cotton, sorghum, and soybean.

Limitations, Restrictions, and Exceptions

FOR PREEMERGENCE AND POSTEMERGENCE USE ON ROUNDUP READY 2 XTEND SOYBEANS AND COTTON WITH XTENDFLEX TECHNOLOGY

See the “PRODUCT INFORMATION” and “APPLICATION EQUIPMENT AND TECHNIQUES” sections of the DuPont FeXapan plus VaporGrip Technology product label for important use information. In the event that there are any inconsistencies with the directions for use between this 24(c) label and any other labeling for this product, follow the directions for use on this 24(c) label.

TYPES OF APPLICATIONS: Preplant; At-Planting; Preemergence; Postemergence (In-crop)

DuPont FeXapan plus VaporGrip Technology is approved by U.S. EPA to be used 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.

RESTRICTIONS/LIMITATIONS

Auxin Herbicides – Best Management Practices

The producer, certified applicator, or person responsible for the application of this product on cotton or soybeans, postemergence, must attend Auxin Herbicides - Best Management Practices training that is approved by the North Carolina Department of Agriculture and Consumer Services. For more information on this training, contact the North Carolina Department of Agriculture and Consumer Services at 919-733-3556 or your local County Cooperative Extension Service office.

Failure to follow label requirements could result in severe injury or destruction to desirable sensitive broadleaf crops and trees when contacting their roots, stems or foliage. Before making an application, the applicator must survey the application site for neighboring non-target susceptible crops, for example, tobacco, tomatoes, grapes, watermelon, sweet potato, peanut, pepper, beans, non-dicamba tolerant cotton, and non-dicamba tolerant soybean. The applicator must also consult sensitive crop registries to identify any commercial specialty or certified organic crops that may be located near the application site.

Do not apply at wind speeds greater than 10 mph.

DO NOT APPLY this product when the wind is blowing toward adjacent dicamba sensitive crops, including but not limited to, tobacco, grapes, watermelon, sweet potato, peanut, pepper, beans, non-dicamba tolerant cotton, and non-dicamba tolerant soybean, commercially grown tomatoes, EPA crop group 8 (fruiting vegetables such as tomato, pepper, eggplant, others) and EPA crop group 9 (cucurbits vegetables such as cantaloupe, cucumber, pumpkin, squash, watermelon, others).

Method

[N.A.](#)

Restricted Entry Interval

24 hours

Timings

[At-Plant](#)

[Postemergence \(Crop\)](#)

[Preemergence \(Crop\)](#)

[Preplant](#)