

DuPont™ FeXapan™
herbicide *Plus* VaporGrip®
Technology

2018 Product Use Guide



Say Hello to Advanced Weed Control

If you plant Roundup Ready 2 Xtend[®] soybeans, you now have another option for controlling herbicide-resistant broadleaf weeds.

DuPont[™] FeXapan[™] herbicide Plus VaporGrip[®] Technology is a next-generation, low-volatility dicamba herbicide.

VaporGrip[®] Technology significantly reduces dicamba acid (the volatile form of dicamba) from forming in the spray droplet.

- Knocks out the toughest broadleaf weeds, even those resistant to glyphosate, including marestail, kochia, waterhemp and Palmer amaranth.
 - Adds a complementary site of action to your weed control program.
 - Tank-mixes with other qualified herbicides, providing more sites of action for weed-free acres all season long.
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Find all qualified tank-mix partners at [FeXapanApplicationRequirements.DuPont.com](https://www.FeXapanApplicationRequirements.DuPont.com).

FeXapan[™] herbicide Plus VaporGrip[®] Technology is a restricted-use pesticide. It's only available for retail sale to, and use by, certified applicators or persons under their direct supervision, and only for those uses covered by the certified applicator's certification.

Weed Resistance Management

Applying the same herbicide, season after season, can promote the development of resistant weeds. That's where a diverse weed resistance management program comes in. Using different strategies helps to keep resistant weeds in check.

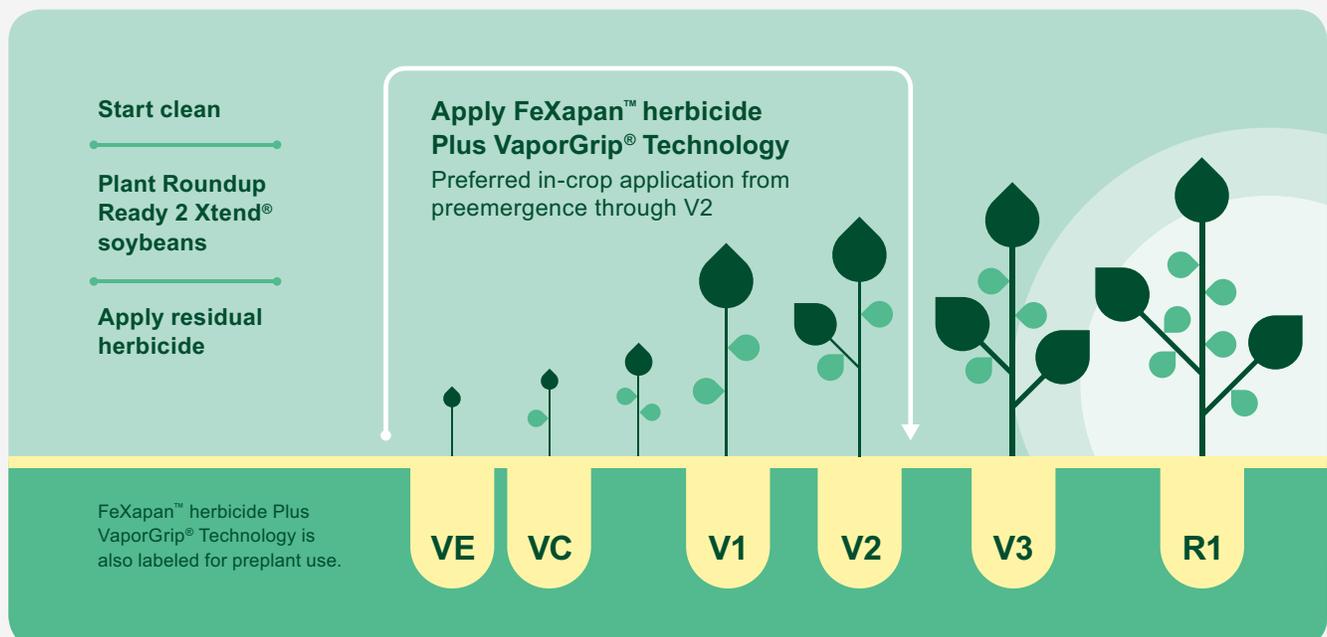
Some strategies include the use of multiple herbicides with different sites of action and overlapping weed spectrums in combination with other practices, such as tillage operations and/or other cultural practices. So, you can manage resistance for season-long control.

The Weed Science Society of America (WSSA) classifies dicamba as a Group 4 herbicide (synthetic auxin).

Program Approach

Use FeXapan™ herbicide Plus VaporGrip® Technology as part of a program approach for season-long control and to help manage herbicide resistance.

1. Start with a clean field, using a burndown herbicide application or tillage.
2. Use a broad-spectrum residual herbicide with a different site of action (non-Group 4) as a foundation.
3. Apply FeXapan™ herbicide Plus VaporGrip® Technology, preferably early in the application window.



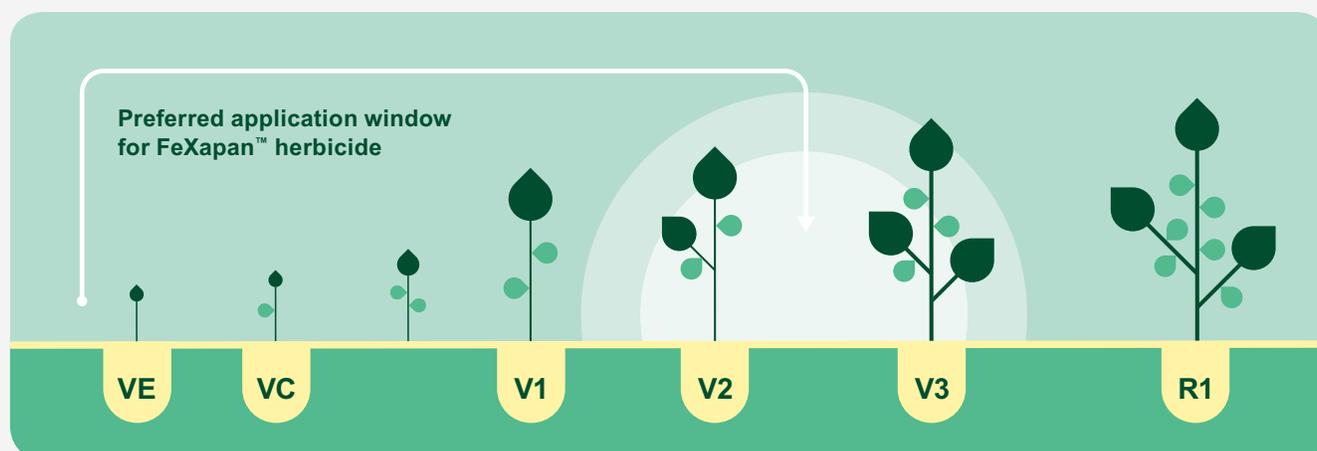
Application Requirements

As you scout fields and plan your application of FeXapan™ herbicide Plus VaporGrip® Technology, be familiar with all label requirements.

Before Application

Application Window

The preferred application window on Roundup Ready 2 Xtend® soybeans is from preemergence up through the V2 crop stage. Spray earlier in the application window to reduce the potential for off-target movement, improve weed control and protect yield potential. State-specific restrictions may impact calendar dates when applications can be made.



Timing

Apply to weeds no more than 4 inches tall for best coverage and results. Allow at least 7 days between postemergence in-crop applications.



Tank-mixing

Before spraying, check for qualified tank-mix partners. Don't use ammonium salt products, such as ammonium sulfate (AMS) or urea ammonium nitrate (UAN). Apply in a minimum of 15 gallons of spray solution per acre.



Nozzles and Operating Pressure

Use only approved nozzles and pressure combinations, such as the TeeJet TTI11004 with a maximum nozzle operating pressure of 63 psi for application. This creates larger droplets, provides more uniform spray coverage and reduces drift.

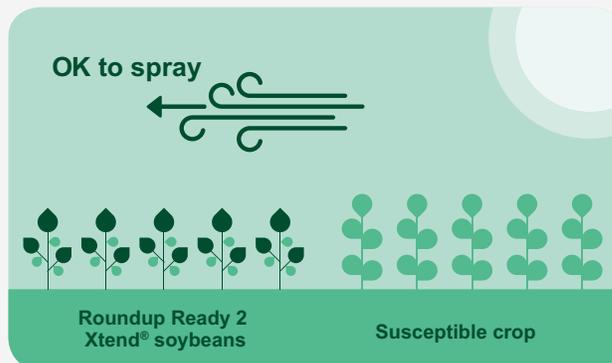
You'll find approved tank-mix partners, approved nozzles and operating pressures at [FeXapanApplicationRequirements.DuPont.com](https://www.DuPont.com/FeXapanApplicationRequirements). Review the website within 7 days of application for any updates.

It's Time to Apply

Susceptible Crops

Before applying, know where susceptible crops are. Refer to your state's sensitive-crop registry (if available) to identify commercial specialty or certified organic crops near your field.

If you've identified a nearby susceptible crop, it's only OK to spray if the wind is blowing away from that crop.

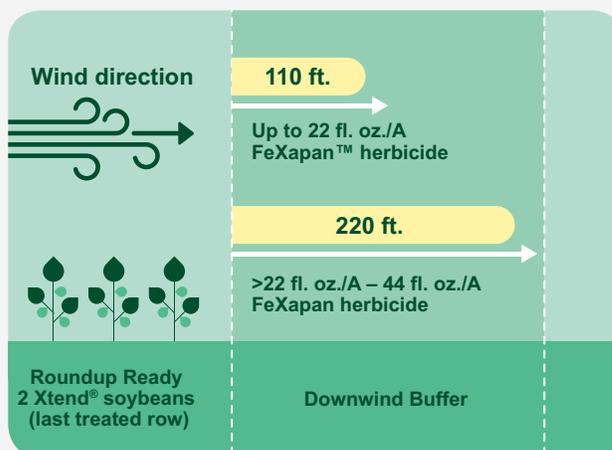


Buffer Requirements

A downwind buffer is always required when spraying FeXapan™ herbicide Plus VaporGrip® Technology.

- Always maintain a 110-foot downwind buffer when applying up to 22 fl. oz./A
- Always maintain a 220-foot downwind buffer when applying >22 fl. oz./A – 44 fl. oz./A

Buffer areas may include fallow ground, roadways, areas covered by the footprint of a building or planted agricultural fields with listed nonsusceptible crops (e.g., corn, small grains, etc.).



Time of Day

Apply only between sunrise and sunset, but never during a temperature inversion.



Wind Speed Requirements

Apply only when wind speed at boom height is between 3 and 10 mph.



Boom Height

Set a maximum nozzle tip height of 24 inches above crop canopy or target weed for best coverage and to reduce the potential for drift.



Equipment Ground Speed

Apply at ground speeds of 15 mph or less.

Sprayer Cleanout

Start with clean application equipment to remove potential contamination from prior products applied.

Always clean equipment right after spraying. Use the triple-rinse procedure detailed below or on the product label.

Small quantities of FeXapan™ herbicide Plus VaporGrip® Technology may cause injury to crops that are not dicamba-tolerant. Improper cleaning can lead to inadvertent contamination.



Sprayer Triple-rinse

To prevent contamination, use this triple-rinse process and follow proper procedures for disposal.

Rinse 1

- Immediately after spraying, drain the sprayer (including boom and lines). Don't allow the spray solution to remain in the spray boom lines overnight, prior to flushing.
- Flush tank, hoses, boom and nozzles with clean water. If equipped, open boom ends and flush.
- Inspect and clean all strainers, screens and filters.

Rinse 2

- Prepare a cleaning solution with a commercial detergent or sprayer cleaner or ammonia, per the manufacturer's directions.
- 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.
- Flush hoses, spray lines and nozzles for at least 1 minute with the cleaning solution.
- Remove nozzles, screens and strainers and clean separately in the cleaning solution after completing the above procedures.
- Drain sump, filter and lines.

Rinse 3

- Rinse the complete spraying system with clean water.
- Clean and wash off the outside of the entire sprayer and boom.
- Dispose of all rinse water per local, state and federal guidelines.

Record Keeping

Every time you apply FeXapan™ herbicide Plus VaporGrip® Technology, you must record it (within 14 days of application) and keep the record for 2 years. Note: Some states have additional record-keeping requirements.

Download this record-keeping form from the website below.

Application Record Keeping Form | DuPont™ FeXapan™ herbicide Plus VaporGrip® Technology | DUPONT

US EPA RECORD KEEPING IS REQUIRED FOR THE APPLICATIONS OF THIS PRODUCT.

- The applicator must keep the following records for a period of two years
- Records must be generated as soon as practical but no later than 14 days after application
- Refer to appropriate state labeling for additional recordkeeping requirements
- A separate record must be kept for each application and each location
- A blank record keeping form can be downloaded at: www.FeXapanApplicationRequirements.dupont.com

Certified Applicator Name: _____ State Certification # of Applicator: _____

Applicator Name (if different from Certified Applicator): _____

REQUIRED DICAMBA APPLICATOR TRAINING
Applicator Name (if different from Certified Applicator): _____
Provider (be sure to retain proof of completion): _____ Date Completed (MM/DD/YYYY): _____

SUSCEPTIBLE CROP AWARENESS
Name and Date of the Susceptible Crop Registry Consulted: _____ AND/OR _____
Date Neighboring Fields Were Surveyed for Susceptible Crops: _____

PREAPPLICATION INFORMATION
Retain receipt of each purchase for each application. Retain copy of product label. (Current label found at: www.FeXapanApplicationRequirements.dupont.com)
Approved Dicamba Product Name & EPA Reg. #: _____
To Be Applied To: Corn Cotton Soybeans Other _____
Location of Application: _____
Buffer Distance Calculation: _____
Size of Treated Area: _____ Total Amount Applied: _____
Check to Confirm Tank Is Cleaned Prior to Using: (note)

NOZZLE INFORMATION
Manufacturer/Brand: _____ Type: _____
Orifice Size: _____ Operating Pressure: _____

APPLICATION TIMING
Application Timing (check only one) Burndown Pre-Plant At Planting Pre-Emergence Postemergence
Date Crop Planted: _____ N/A _____ N/A _____ N/A _____

SPRAYING INFORMATION
APPLICATION START: _____ APPLICATION END: _____
Time: _____
Air Temperature (°F): _____
Wind Speed (at boom height): _____
Wind Direction (direction from which wind is blowing): _____
Approved Dicamba Rate Per Acre: _____
Spray Volume Applied (gal./acre): _____
Tank-Mix Products* (brand names and EPA reg. #s, if applicable): _____
Spray System Equipment Cleanout (triple rinse): (note)

*Label requires the applicator must check the list of tank products at www.FeXapanApplicationRequirements.dupont.com no more than 7 days prior to application

Resources

Visit these websites for additional information on getting better results with FeXapan™ herbicide Plus VaporGrip® Technology. Or contact your local sales representative.

FeXapan.DuPont.com

Complete the required dicamba herbicide training online to become a certified applicator for approved restricted-use pesticide dicamba products (if online training is acceptable in your state).

FeXapanApplicationRequirements.DuPont.com

Before applying FeXapan™ herbicide Plus VaporGrip® Technology, read the most up-to-date label requirements — including qualified tank-mix partners and nozzles. You'll also find other tools for effectively using the product, like the record-keeping form, and more.

DuPont™ FeXapan™ herbicide *Plus* VaporGrip® Technology

DuPont™ FeXapan™ herbicide Plus VaporGrip® Technology is a 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.

DuPont™ FeXapan™ herbicide Plus VaporGrip® Technology is not registered for sale or use in all states. Contact your local DuPont representative for details and availability.



DO NOT APPLY DICAMBA HERBICIDE IN-CROP TO SOYBEANS WITH Roundup Ready 2 Xtend® technology unless you use a dicamba herbicide product that is specifically labeled for that use in the location where you intend to make the application. IT IS A VIOLATION OF FEDERAL AND STATE LAW TO MAKE AN IN-CROP APPLICATION OF ANY DICAMBA HERBICIDE PRODUCT ON SOYBEANS WITH Roundup Ready 2 Xtend® technology, OR ANY OTHER PESTICIDE APPLICATION, UNLESS THE PRODUCT LABELING SPECIFICALLY AUTHORIZES THE USE. Contact the U.S. EPA and your state pesticide regulatory agency with any questions about the approval status of dicamba herbicide products for in-crop use with soybeans with Roundup Ready 2 Xtend® technology.

ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. Soybeans with Roundup Ready 2 Xtend® technology contain genes that confer tolerance to glyphosate and dicamba. Glyphosate herbicides will kill crops that are not tolerant to glyphosate. Dicamba will kill crops that are not tolerant to dicamba.

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