



# XYWAY™

## 3D

### FUNGICIDE

Liquid fungicide for use in a 3RIVE 3D® application system only.  
 For use on corn as an at planting application only.

EPA Reg. No. 279-9638

EPA Est. No. 279-DE-001

<b>Active Ingredient:</b>	<b>By Wt.</b>
Flutriafol .....	26.4%
<b>Other Ingredients:</b> .....	73.6%
<b>TOTAL:</b>	<b>100.0%</b>

Contains 2.5 pounds per gallon of the active ingredient flutriafol. Suspension Concentrate.

## Keep Out of Reach of Children

### WARNING/AVISO

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.  
 (If you do not understand the label, find someone to explain it to you in detail).

For MEDICAL EMERGENCY 1-866-331-3148	For SPILLS CHEMTREC 1-800-424-9300
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See First Aid statement on back label or booklet.

Sold By



**FMC Corporation**  
 2929 Walnut Street  
 Philadelphia, PA 19104  
**Net Contents: 15 kg**

Notice: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

**PRECAUTIONARY STATEMENTS**  
**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**Warning.** Causes substantial but temporary eye injury. Do not get in eyes or on clothing. Wear protective eyewear (goggles, face shield, or safety glasses). Harmful if swallowed. Avoid contact with skin or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

<b>FIRST AID</b>	
<b>If in Eyes</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If Swallowed:</b>	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by a poison control center or doctor.</li> <li>• Do not give anything to an unconscious person.</li> </ul>
<b>If on Skin or Clothing</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<p>Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-331-3148 for emergency medical treatment information.</p>	
<p><b>Note to Physician:</b> No specific antidote. Treat symptomatically.</p>	

**PERSONAL PROTECTIVE EQUIPMENT (PPE)**

**Applicators and all other handlers must wear:** long-sleeved shirt and long pants, chemical-resistant gloves, shoes plus socks, and protective eyewear.

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

**ENGINEERING CONTROLS STATEMENT**

When handlers use closed systems, enclosed cabs, or aircraft 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.

**USER SAFETY RECOMMENDATIONS**

Users should: Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. 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**

This formulated product is toxic to fish and aquatic invertebrates. 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 washwater or rinsate.

**Ground Water Advisory:** Flutriafol has properties and characteristics associated with chemicals detected in ground water. This chemical may leach into ground water if used in areas where soils are permeable, particularly where the water table is shallow.

**Surface Water Advisory:** This product may impact surface water quality due to runoff of rain water. This is especially true for poorly draining soils and soils with shallow ground water. This product is classified as having a high potential for reaching surface water via runoff for several months or more after application.

**DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in any manner inconsistent with its labeling. 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.

Xyway 3D Fungicide is a 3RIVE 3D formulation designed for use in the 3RIVE 3D application system. The 3RIVE 3D application system is a system that expands mixtures of crop protection products and low volumes of water into a three-dimensional foam solution delivered to the furrow during planting. 3RIVE 3D formulations contain agents intended to produce foam. Applying 3RIVE 3D formulations in application systems not designed to produce foam will result in

uneven application, excessive foaming, and poor performance.

In California, this product may only be applied to fields that are not irrigated, or are irrigated using pressurized irrigation methods such as macro-sprinkler, micro-sprinkler, or drip systems.

Not for sale, distribution, or use in Nassau or Suffolk Counties of New York State. In New York State this product may not be applied within 100 feet (using ground equipment) of coastal marshes or streams that drain into coastal marshes.

### AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Workers Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about Personal Protective Equipment (PPE) and restricted-entry interval. 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 12 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, chemical resistant gloves, and shoes plus socks.

### STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

**Pesticide Storage:** Store unused product in original container in a cool, dry, secure area.

**Pesticide Disposal:** Pesticide wastes may be hazardous. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste Representative at the nearest EPA Regional Office for guidance.

#### Container Handling:

**Non-refillable Container [in sizes 5 gallons or less]:** Do not reuse or refill this container. Clean container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or mix tank and drain for 10 seconds after flow begins to drip. Fill the container 1/4 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. Drain for 10 seconds after flow begins to drip. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

**Non-refillable Container [in sizes greater than 5 gallons]:** Do not reuse or refill this container. Triple rinse or pressure rinse container promptly after emptying. Triple rinse as follows: Empty remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip back and forth several times. Turn the container over onto its other end and tip back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

**Pressure rinse as follows:** Empty remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold the container upside down over application equipment or a mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

**Returnable/Refillable Container:** Do not rinse container. Do not empty remaining formulated product. Do not break seals. Return intact to point of purchase. Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents into application equipment or mix tank or rinsate collection system. Fill the container about 10% 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. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

**Returnable/Non-refillable Container:** Do not rinse container. Do not empty remaining formulated product. Return intact to point of purchase. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. To clean the container before final disposal, empty the remaining contents into application equipment or mix tank or rinsate collection system. Fill the container about 10% 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. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

## PRODUCT DIRECTIONS

**READ ENTIRE LABEL. USE STRICTLY IN ACCORDANCE WITH PRECAUTIONARY STATEMENTS RESTRICTIONS, AND DIRECTIONS, AND WITH APPLICABLE STATE AND FEDERAL REGULATIONS.**

### Restrictions

Do not use this product as a foliar application. For at-plant application use only on specified uses.

Do not apply this product through any type of irrigation system.

Do not apply this product by air.

Do not mix with any other product unless that product has been specifically designed to work with the Xyway 3D Fungicide formulation and the 3RIVE 3D application system.

The maximum application rate per acre per year (pounds active ingredient/acre/year) as listed under the use directions for each crop must not be exceeded

**Crop Rotation Restrictions:** Fields treated with Xyway 3D Fungicide may be planted to the following crops and plant back intervals:

Crop	Plant back Interval
Alfalfa, barley, field corn; field corn grown for seed; popcorn; cotton; cucurbits; fruiting vegetables; grapes; hops; Brassica leafy vegetables crop group 5; leafy vegetables, except Brassica, crop group 4; peanut; pome fruit; rice; grain sorghum; soybean; stone fruit; strawberry; sugar beet; tomato; tree nuts; triticale; or wheat	Immediately
Sweet corn	180 days
All other crops	Prohibited

### Application and Mixing Instructions

Xyway 3D Fungicide is a fungicide that contains 2.5 pounds of flutriafol per gallon. The rate of application is variable within the specified rate range according to pest pressure. Use lower specified rates under light to moderate pest pressure and higher specified rates under heavier pest pressure. Xyway 3D Fungicide must be applied at planting through a 3RIVE 3D application system that is designed specifically for application of this type of formulation.

Xyway 3D Fungicide applied at planting results in early to mid-season disease management. For season long control, supplemental foliar fungicide applications of appropriate products registered for use on the same uses may be needed. Use rates for the individual crop sections are listed as fluid oz./1000 linear feet based on 30-inch row spacings. For conversion to rates applicable to different row spacings, see the table below.

<b>Xyway 3D Fungicide Required Per Acre for Various Row Spacings</b>						
Row Spacing	38"	36"	30"	20"	15" and Twin Row 30" centers	7.5"
Lin row ft/A	13,756 ft	14,520 ft	17,424 ft	26,136 ft	34,848 ft	69,696
<b>Conversion</b>						
0.17 fl oz/1000 Lin ft =	2.3 fl oz/A	2.5 fl oz/A	2.9 fl oz/A	4.4 fl oz/A	5.8 fl oz/A	11.8 fl oz/A
0.33 fl oz/1000 Lin ft =	4.5 fl oz/A	4.8 fl oz/A	5.8 fl oz/A	8.6 fl oz/A	11.5 fl oz/A	
0.38 fl oz/1000 Lin ft =	5.2 fl oz/A	5.5 fl oz/A	6.7 fl oz/A	9.9 fl oz/A	13.3 fl oz/A	
0.48 fl oz/1000 Lin ft =	6.7 fl oz/A	7.0 fl oz/A	8.4 fl oz/A	12.5 fl oz/A		
0.68 fl oz/1000 Lin ft =	9.4 fl oz/A	9.9 fl oz/A	11.8 fl oz/A			
0.76 fl oz/1000 Lin ft =	10.5 fl oz/A	11.0 fl oz/A	13.3 fl oz/A			
0.96 fl oz/1000 Lin ft =	13.3 fl oz/A					

**Resistance Management:**

Xyway 3D Fungicide contains the active ingredient Flutriafol which is a member of FRAC group 3 and is a demethylation inhibitor (DMI).

Any fungal population may contain individuals naturally resistant to Xyway 3D Fungicide and other Group 3 fungicides. A gradual or total loss of pest control may occur over time if these fungicides are used repeatedly in the same fields. Appropriate resistance-management strategies should be followed.

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

- Rotate the use of Xyway 3D Fungicide or other Group 3 fungicides within a growing season sequence with different groups that control the same pathogens.
- Use tank mixtures with fungicides from a different group that are equally effective on the target pest when such use is permitted. Use at least the minimum application rate as labeled by the manufacturer.
- Adopt an integrated disease management program for fungicide use that includes scouting, uses historical information related to pesticide use, and crop rotation, and which considers host plant resistance, impact of environmental conditions on disease development, disease thresholds, as well as cultural, biological and other chemical control practices.
- Where possible , make use of predictive disease models to effectively time fungicide applications. Note that using predictive models alone is not sufficient to manage resistance.
- Monitor treated fungal populations for resistance development.
- Contact your local extension specialist or certified crop advisor for any additional pesticide resistance-management and/or IPM recommendations for specific crops and pathogens.
- For further information or to report suspected resistance contact your pesticide distributor or university extension specialist to report resistance.

## CROP USE DIRECTIONS

### Use Directions for Corn (Field, Corn Grown for Seed, and Popcorn) At-Plant

Diseases	USE RATES		
	Fluid oz/acre	Fluid oz/1000 Linear ft. (30" row spacing)*	Pound ai/acre
Gray leaf Spot <i>(Cercospora zea-maydis)</i> Southern Corn Leaf Blight <i>(Bipolaris maydis)</i> Northern Corn Leaf Blight <i>(Exserohilum turcicum)</i> Common Rust <i>(Puccinia sorghi)</i> Head Smut <i>(Sporisorium reilianum)</i> Common Smut <i>(Ustilago maydis)</i>	5.8 – 11.8	0.33 – 0.68	0.114 – 0.228
Xyway 3D Fungicide applied at planting results in early to mid-season disease management. For season long control, supplemental foliar fungicide applications may be needed. *Please refer to row space conversion chart in application instructions for application rates on row spacings other than 30".			
<b>Restrictions:</b> <ul style="list-style-type: none"> <li>• Do not apply more than 0.228 lb active ingredient per acre (11.8 fl oz of product/A) per year including at-plant plus foliar applications of other flutriafol products.</li> <li>• Do not apply more than one application per year.</li> </ul>			

## CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

Conditions of Sale and Limitation of Warranty and Liability:

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The Directions for Use of this product must be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness, or other unintended consequences may result because of such factors as manner of use or application, weather or crop conditions beyond the control of FMC or Seller. All such risks shall be assumed by Buyer and User, and Buyer and User agree to hold FMC and Seller harmless for any claims relating to such factors.

Seller warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the Directions for Use when used in accordance with the directions under normal conditions of use. To the extent consistent with applicable law, FMC MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE, NOR ANY OTHER EXPRESS OR IMPLIED WARRANTIES WITH RESPECT TO THE SELECTION, PURCHASE, OR USE OF THIS PRODUCT. Any warranties, express or implied, having been made are inapplicable if this product has been used contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to (or beyond the control of) Seller or FMC, and Buyer assumes the risk of any such use.

To the extent consistent with applicable law, FMC or Seller shall not be liable for any incidental, consequential or special damages resulting from the use or handling of this product. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF FMC AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF FMC OR SELLER, THE REPLACEMENT OF THE PRODUCT.

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