

# 24(c) LABEL For Use On Glyphosate or Glufosinate Resistant Field Corn FOR DISTRIBUTION AND USE ONLY IN ARKANSAS



**IT'S A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH IT LABELING. ALL APPLICABLE DIRECTIONS, RESTRICTIONS, AND PRECAUTIONS ON THE EPA REGISTERED AUTHORITY MTZ DF (EPA Registration No 279-3340) MUST BE FOLLOWED. THIS LABEL MUST BE IN THE POSSESSION OF THE USER AT TIME OF APPLICATION.**

This label for Authority MTZ DF Herbicide is valid until December 31, 2018, or until otherwise amended, withdrawn, canceled or suspended.

## For Use Only by Individuals/Firms Certified as Licensed Pesticide Applicators

EPA Reg. No. 279-3340  
EPA SLN No. AR-090002

### Active Ingredient: By Wt.

Sulfentrazone*	18%
Metribuzin**	27%
<b>Other Ingredients</b>	<b>55%</b>
	<b>100%</b>

\* N-[2,4 dichloro-5-[4-(difluoromethyl)-4,5-dihydro-3-methyl-5-oxo-1H-1,2,4-triazol-1-yl]phenyl]methanesulfonamide

\*\* 4-amino-6-(1,1-dimethylethyl)-3-(methylthio)-1,2,4-triazin-5(4H)-one

## KEEP OUT OF REACH OF CHILDREN

## CAUTION

### Environmental Hazards

This pesticide is toxic to marine/estuarine invertebrates. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Drift and runoff may be hazardous to terrestrial and aquatic plants in neighboring areas. Do not contaminate water when disposing of equipment wash waters or rinsate.

Groundwater advisory: This chemical is known to leach through soil into groundwater under certain conditions as a result of label use. Use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.

Do not use on coarse soils classified as sand, which have less than 1% organic matter.

Surface water advisory: Sulfentrazone can contaminate surface water through spray drift. Under some conditions, sulfentrazone may also have a high potential for runoff into surface water (primarily via dissolution in runoff water), for several to many months post-application. These include poorly draining or wet soils with readily visible slopes toward adjacent surface waters, frequently flooded areas, areas overlying extremely shallow groundwater, areas with in-field canals or ditches that drain to surface water, areas not separated from adjacent surface waters with vegetated filter strips, and areas over-lying tile drainage systems that drain to surface waters.

## FIELD CORN (Glyphosate or Glufosinate Resistant)

### Pre-Plant or Pre-Emergence up to 3 Days After Planting (Spring Applications) (Ounces are in dry ounces)

Authority MTZ DF 5.5 oz/A (0.0625 pounds sulfentrazone active ingredient + 0.088 lbs metribuzin active ingredient) may be applied to Field Corn that is Glyphosate or Glufosinate resistant as a pre-plant treatment or as a pre-emergent treatment no later than 3 days after planting. Applications shall be made by ground application in a minimum of 10 gallons of finished spray per acre or by air in a minimum of 5 gallons of finished spray per acre. Authority MTZ DF 5.5 oz/A (0.0625 pounds sulfentrazone active ingredient + 0.088 lbs metribuzin active ingredient) can be applied early preplant prior to planting up to 3 days after planting as a pre-emerge soil application if seedlings have not broken the soil surface and if the seed furrow is completely closed. Corn should be planted at least 2 inches deep.

Make Pre-Plant applications no further out than 2 weeks prior to planting. If weeds are present and/or under reduced tillage, stale seed bed, conservation tillage or no-till conditions Authority MTZ DF 5.5 oz/A (0.0625 pounds sulfentrazone active ingredient + 0.088 lbs metribuzin active ingredient) should be tank mixed with a burndown herbicide such as Dicamba, Glyphosate, Rage D-Tech or other appropriate preplant burndown herbicides at the proper labeled rate or in a split application as needed.

Following an application of Authority MTZ DF 5.5 oz/A (0.0625 pounds sulfentrazone active ingredient + 0.088 lbs metribuzin active ingredient) a postemergent application of atrazine (up to 1.6 - 2 lbs ai/A) must be applied to corn before corn exceeds 12 inches in height either alone or tankmixed with glyphosate or glufosinate at the proper labeled rate to glyphosate or glufosinate resistant field corn, respectively. Follow all directions and restrictions on the atrazine label.

Following an application of Authority MTZ DF 5.5 oz/A (0.0625 pounds sulfentrazone active ingredient + 0.088 lbs metribuzin active ingredient) postemergence tankmixes containing Glyphosate or Glufosinate and other post-emergence labeled corn herbicides except Atrazine should be made within 21 days after corn emergence to control emerged weeds, read and follow the most restrictive label in the tankmix for weed control.

An application of Authority MTZ DF 5.5 oz/A (0.0625 pounds sulfentrazone active ingredient + 0.088 lbs metribuzin active ingredient) tankmixed with a Gramoxone Inteon 44 oz/A + NIS 0.25% v/v applied immediately before replanting corn may be used to remove failed corn stands where Authority MTZ DF was not used.

The only crops that may be replanted after a crop failure in a field where Authority MTZ DF 5.5 oz/A (0.0625 pounds sulfentrazone active ingredient + 0.088 lbs metribuzin active ingredient) was applied according to this label are corn or soybeans. In the event of a crop failure where corn was planted and Authority MTZ DF was applied, do not re-apply Authority MTZ DF 5.5 oz/A (0.0625 pounds sulfentrazone active ingredient + 0.088 lbs metribuzin active ingredient) where corn will be replanted. In the event of a crop failure where soybeans will be re-planted, Authority MTZ DF may be re-applied at a rate when added to the Authority MTZ DF 5.5 oz/A (0.0625 pounds sulfentrazone active ingredient + 0.088 lbs metribuzin active ingredient) does not exceed the labeled Authority MTZ DF Soybean rate for a given soil texture and %OM for Conventional, Glyphosate or Glufosinate resistant soybeans.

**When applied according to directions, the above Authority MTZ DF will provide control of:**

Glyphosate or ALS Resistant Pigweed

#### Precautions

These Crop Specific Use directions are based upon the interactive effects of Authority MTZ DF (sulfentrazone active ingredient + metribuzin active ingredient) and the primary soil and environmental factors, which affect its activity on various weed species and tolerance among crops. The user is required to observe the instructions and guidance previously presented under General Application Instructions, General Authority MTZ DF Product Use Rates, Rotational Crop Guidelines, Replanting Instructions, Weed Controlled and any other section of the full Authority MTZ DF section 3 label. It is important to note that not all varieties or cultivars of a given crop species have been evaluated under treatment with Authority MTZ DF. Consult university or extension weed management specialists for additional information on specific local varieties or cultivars and any other pertinent information on Authority MTZ DF under specific local conditions.

#### Restrictions

Do not apply more than 33.0 oz (0.928 pound active) total per twelve-month period. The twelve-month period is considered to begin upon the initial Authority MTZ DF application.

Do not apply after crop emerges, or if the seedling is close to the soil surface.

Do not apply to coarse soils classified as sand, which have less than 1% organic matter.

Do not incorporate anytime until corn has reached the V-6 growth stage.

Do not apply to frozen soils or existing snow cover to prevent Authority MTZ DF Herbicide runoff from rain or snowmelt that may occur following application.

Do not use low-pressure and high volume hand wand equipment to apply Authority MTZ DF Herbicide.

**THE ARKANSAS STATE PLANT BOARD MUST BE INFORMED OF ANY ADVERSE EFFECTS, WHICH MAY RESULT FROM THE USE OF THIS PRODUCT.**

## MANUFACTURER'S CONDITIONS AND RISK OF USE FOR FEDERAL INSECTICIDE FUNGICIDE AND RODENTICIDE ACT (FIFRA) SECTION 24(c) REGISTRATION

**NOTICE:** This Section 24(c) label will only be utilized by growers located in the State of Arkansas. **SUCH GROWER USERS AGREE FMC CORPORATION WILL NOT BE HELD RESPONSIBLE FOR FAILURE TO PERFORM AND/OR CROP RESPONSE AND OR YIELD LOSSES RESULTING FROM THE USE OF AUTHORITY MTZ DF HERBICIDE AS A PRE-EMERGE TREATMENT TO GLYPHOSATE OR GLUFOSINATE RESISTANT CORN.** Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability on the commercial Authority MTZ DF Herbicide section 3 label and this 24(c) label 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.

The Directions for Use of this product shall be followed carefully.

**These Conditions and Risks of Use for FIFRA Section 24(c) Registration are required by FMC Corporation.**

**USE OF AUTHORITY MTZ DF HERBICIDE ON GLYPHOSATE OR GLUFOSINATE RESISTANT CORN IN ACCORDANCE WITH THIS LABELING MAY RESULT IN FAILURE TO PERFORM, CROP INJURY, CROP YIELD REDUCTION AND/OR CROP LOSS. READ AND UNDERSTAND THESE CONDITIONS AND RISKS OF USE FOR SECTION 24(C) REGISTRATION BEFORE USING THIS PRODUCT ON THE CROP. FMC Corporation recommends that the user and/or grower test product in order to determine its suitability for such intended use.**

**FMC Corporation makes the Product available for use in the manner described in this Labeling on the basis that, in the sole opinion of the user, the benefits and utility derived from the use of the Product on the Crop outweigh the potential risk of failure to perform, Crop injury, Crop yield reduction or Crop loss. The decision to use the Product in the manner described in the Labeling must be made by each individual user on the basis of anticipated benefits versus (i) the potential risk of failure to perform, Crop injury, Crop yield reduction and Crop loss, (ii) the severity of the target pest infestation, (iii) the cost and availability of alternative pest controls and (iv) any other relevant factors.**

**By purchasing the Product for use, or using the Product, in the manner described in this Labeling, you acknowledge and accept that, to the extent consistent with applicable law:**

- (1) you assume all risk of failure to perform, Crop injury, Crop yield reduction and Crop loss;
- (2) FMC Corporation does not make, and does not authorize any agent or representative to make, any representations or recommendations regarding the use of this Product on the Crop other than the statements on this Labeling;
- (3) FMC Corporation does not make, and does not authorize any agent or representative to make, any warranties, expressed or implied, with respect to the use of the Product on the Crop and disclaim all warranties, expressed or implied, including any implied warranty;
- (4) FMC Corporation disclaims all liability for any damages, losses, expenses, claims or causes of actions arising out of or relating to failure to perform, Crop injury, Crop yield reductions and/or Crop loss, including without limitation incidental, consequential or special damages;
- (5) these Conditions and Risks of Use for Section 24(c) Registration supersede any contrary representations or recommendations by FMC Corporation, its agents or representatives, and any provisions in or on any Product literature or labeling including any provisions on the label affixed to the Product container.

**If these Conditions and Risk of Use for FIFRA Section 24(c) Registration are not acceptable, the unopened Product may be returned to the seller for a refund or used for a different labeled use in accordance with the label affixed to the Product container.**

This Conditions and Risk of Use for Federal Insecticide Fungicide and Rodenticide Act (FIFRA) Section 24(C) Registration may not be amended by any oral or written agreement.

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