



## SUPPLEMENTAL LABELING

**DUPONT™ ASSURE® II HERBICIDE  
FOR USE ONLY ON ENLIST™ FIELD  
CORN (DAS-40278-9)**

### **DUPONT™ ASSURE® II HERBICIDE**

EPA Reg. No. 352-541

**FOR USE ONLY ON ENLIST™ FIELD CORN (DAS-40278-9) IN  
THE STATES OF AL, AR, CO, DE, FL, GA, IA, IL, IN, KS, KY, LA,  
MD, MI, MN, MO, MS, NC, ND, NE, NJ, NM, NY, OH, OK, PA, SC,  
SD, TN, TX, VA, WI AND WV**

**This supplemental label expires on March 30, 2021 and must not be used or distributed after that date.**

## **DANGER - PELIGRO**

### **IMPORTANT**

**BEFORE USING ASSURE® II HERBICIDE, READ AND FOLLOW ALL APPLICABLE DIRECTIONS, RESTRICTIONS AND PRECAUTIONS ON THE EPA-REGISTERED LABEL.**

This bulletin contains new or supplemental instructions for use of this product which do not appear on the EPA-registered package label. Follow the instructions carefully.

This labeling must be in the possession of the user at the time of pesticide application.

Read the Limitation of Warranty and Liability on the Section 3 Federal product label before buying or using THIS product. If terms are not acceptable; return the unopened package at once to Seller for full refund of purchase price paid. Otherwise; use by Buyer or any other User constitutes acceptance of the terms of the Limitation of Warranty and Liability on the Section 3 Federal product label.

### **DIRECTIONS FOR USE**

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

Do not use this product until you have read the entire label. 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.

### **PRODUCT INFORMATION**

DuPont™ Assure® II Herbicide is a liquid herbicide that contains the active ingredient quizalofop-p-ethyl (quizalofop), and is applied as a foliar spray to control certain grassy weeds in field corn containing the Dow Enlist™ herbicide tolerant trait (DAS-40278-9). Information on crop varieties containing this trait may be obtained from your seed supplier.

Only use this product on field corn specifically identified as containing the Enlist™ trait. Field corn not possessing the Enlist™ trait will be severely injured or killed if treated with ASSURE® II.

## APPLICATION DIRECTIONS USE RATE

Apply ASSURE® II at 5-12 fluid ounces (0.034-0.083 lb ai) per acre to Enlist™ field corn.  
Application intervals must be greater than 7 days apart to allow for regrowth.

## SPRAY ADJUVANTS

Applications of Assure® II must include crop oil concentrate (1% v/v) or nonionic surfactant (0.25% v/v). Consult main Section 3 label for adjuvant requirements.

## APPLICATION TIMING

Apply Assure® II to emerged Enlist™ field corn that is at the V2 through V6 stage of development.  
Best results are obtained when applications are made to actively growing plants. Assure® II is rainfast 1 hour after application.

## RESTRICTIONS

- Apply using the lowest boom height that is consistent with pest control objectives
- Do not make more than 2 applications per acre per crop season or per year.
- Do not apply more than a total of 12 fluid ounces (0.083 lb ai) per acre per crop season or per year.
- Do not allow grazing on treated corn within 30 days of application.
- Do not apply by air.
- Do not harvest forage within 30 days of application. Do not harvest grain and stover within 79 days of application.

### In-field buffer:

- The applicator **must always maintain** a 36-foot, downwind buffer between the last treated row and the nearest downwind field edge (in the direction the wind is blowing). The following areas may be included in the buffer distance calculation when directly adjacent to the treated field edge(s):
  - Roads, paved or gravel surfaces.
  - Planted agricultural fields (except crops listed in the “Susceptible Plants” section).
  - Agricultural fields that have been prepared for planting.
  - Areas covered by the footprint of a building, shadehouse, greenhouse, silo, feed crib, or other man-made structure with walls and/or a roof.

To maintain the required downwind buffer zone:

- Measure the wind direction prior to the start of any swath that is within 35 feet of a sensitive area.
- No application swath can be initiated in or into an area that is within 36 feet of a sensitive area if the wind direction is towards the sensitive area.

## RESISTANCE MANAGEMENT

ASSURE(R) II herbicide, which contains the active ingredient, quizalofop-p-ethyl, is a Group 1 herbicide based on the mode of action classification system of the Weed Science Society of America. Quizalofop-p-ethyl is in the class of herbicides known as aryloxyphenoxypropionates (FOP) within the Group 1 herbicides that inhibit the enzyme acetyl-CoA carboxylase (ACCase) in weeds.

Proactively implementing diversified weed control strategies to minimize selection for weed populations resistant to one or more herbicides is a best practice. A diversified weed management program may include the use of multiple herbicides with different sites of action and overlapping weed spectrum with or without tillage operations and/or other cultural practices. Research has demonstrated that using the labeled rate and directions for use is important to delay the selection for resistance.

The continued effectiveness of this product depends on the successful implementation of a weed resistance management program. To aid in the prevention of developing weeds resistant to this product, users should:

- Scout fields before application to ensure herbicides and rates will be appropriate for the weed species and weed sizes present.
- 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).
- Apply full rates of DuPont™ ASSURE® II herbicide for the most difficult to control weeds in the field at the specified time (correct weed size) to minimize weed escapes.
- Scout fields after application to detect weed escapes or shifts in control of weed species.
- Control weed escapes before they reproduce by seed or proliferate vegetatively.
- Report any incidence of non-performance of this product against a particular weed to your DuPont representative, local retailer, or county extension agent.

- Contact your DuPont representative, crop advisor, or extension agent to find out if suspected resistant weeds to this MOA have been found in your region. If resistant biotypes of target weeds have been reported, use the application rates of this product specified for your local conditions. Tank mix products so there are multiple effective sites of actions for each target weed.
- If resistance is suspected, treat weed escapes with an herbicide having a site of action other than Group 1 and/or use nonchemical methods to remove escapes, as practical, with the goal of preventing further seed production.
- Suspected herbicide-resistant weeds may be identified by these indicators:
  - Failure to control a weed species normally controlled by the herbicide at the dose applied, especially if control is achieved on adjacent weeds;
  - A spreading patch of non-controlled plants of a particular weed species; and
  - Surviving plants mixed with controlled individuals of the same species.

Additionally, users should follow as many of the following herbicide resistance management practices as is practical:

- Use a broad spectrum soil-applied herbicide with other sites of action as a foundation in a weed control program.
- Utilize sequential applications of herbicides with alternative sites of action.
- Rotate the use of this product with non-Group 1 herbicides.
- Avoid making more than two applications of ASSURE® II herbicide and any other Group 1 herbicides within a single growing season unless mixed with an herbicide with a different site of action with an overlapping spectrum for the difficult-to-control weeds.
- Incorporate non-chemical weed control practices, such as a mechanical cultivation, crop rotation, cover crops and weed-free crop seeds, as part of an integrated weed control program.
- Use good agronomic principles that enhance crop development and crop competitiveness.
- Thoroughly clean plant residues from equipment before leaving fields suspected to contain resistant weeds.
- Manage weeds in and around fields, during and after harvest to reduce weed seed production.

## SUSCEPTIBLE PLANTS

Do not apply under circumstances where spray drift may occur to food, forage, or other plantings that might be damaged or crops thereof rendered unfit for sale, use or consumption. Do not allow contact of herbicide with foliage, green stems, exposed non-woody roots of crops and desirable plants, because severe injury or destruction may result. Small amounts of spray drift that may be visible may injure susceptible plants. Most grass crops, including wheat, barley, rye, oats, sorghum, rice and non-Enlist™ corn are highly sensitive to Assure® II. Before making an application, please refer to your state's sensitive crop registry (if available) to identify any commercial specialty or certified organic crops that may be located nearby.

## TANK MIXING

- For use on Dow Enlist™ field corn, do not tank mix this product with any other pesticide product(s) without first consulting the website at [www.EnlistTankMix.com/AssureII](http://www.EnlistTankMix.com/AssureII). This website contains a list of pesticide active ingredients that are currently prohibited from tank mixing with this product. When tank mixing this product, only use pesticide product(s) that: 1) are registered for the intended use site, application method, and timing; 2) do not prohibit tank mixing; and 3) do not contain one of the prohibited pesticide active ingredients listed on [www.EnlistTankMix.com/AssureII](http://www.EnlistTankMix.com/AssureII).
- Mixers, applicators, and other handlers of this product must consult the website within one week prior to application in order to comply with the most up-to-date information on tank mix partners.
- It is the pesticide applicator's responsibility to ensure that all products are registered for the intended use. Applicators must read and follow the most restrictive directions for use, precautions, and limitations of each product in the tank mixture.

\* Assure is a trademark of E.I. DuPont de Nemours and Company ("DuPont") or an affiliated company of DuPont. Enlist is a trademark of The Dow Chemical Company ("Dow") or an affiliated company of Dow.