

Priority™ 8E is a selective herbicide for use as a preplant surface-applied, preplant incorporated or preemergence treatment in water or fluid fertilizer for control of most annual grasses and certain broadleaf weeds in corn (field, pop, sweet and grown for seed), cotton, peanuts, soybeans, sorghum, Crop Group 6 legume vegetable (succulent and dried), potatoes, safflowers and tomatoes. Priority™ 8E can also be applied as a postemergent treatment on corn, cotton, potatoes, soybeans and tomatoes.

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# PRODUCT FEATURES

- Priority™ 8E is an excellent choice as part of an integrated weed control program by providing broad spectrum weed control in a variety of crops.
- Priority<sup>™</sup> 8E when mixed with other EPA registered herbicides can increase the spectrum of weed control helping to minimize weed resistance.
- Priority<sup>™</sup> 8E can be applied through ground, aerial or chemigation application equipment.

ACTIVE INGREDIENT: Metolachlor

HERBICIDE GROUP: 15

**ACTIVE INGREDIENT PER GALLON: 7.64 lbs** 

MODE OF ACTION: Long-chain Fatty Acid Inhibitor

USE RATES: See label for all product use rates

PACKAGING:  $2 \times 2.5$ 's and 265 gals



## CORN (FIELD, POP, SWEET, GROWN FOR SEED) – Priority™ 8E ALONE

Apply this product, either preplant surface, preplant incorporated, or preemergence, using the appropriate rate specified below.

#### PREPLANT SURFACE-APPLIED

Refer to instructions for use of Priority™ 8E alone under Application Procedures on the product label.

#### FALL APPLICATION

- Apply after September 30 in MN, ND, SD, WI, and north of Route 30 in IA:
- Apply after October 15 north of Route 91 in NE and south of Route 30 in IA;
- Apply after October 31 north of Route 136 in IL In all locations, apply to crop stubble after harvest when the sustained soil temperature at a 4-inch depth is less than 55°F and falling. In minimum-till or no-tillage systems on soils having greater than 2.5% organic matter, use 1.67-2.0 pts./A on medium-textured and 2.0 pts./A on fine-textured soils. A tillage operation may precede the application. Minimize furrow and ridge formation in the tillage operations.

#### RESTRICTION

- If a spring application is made, the total rate of the fall plus spring applications must not exceed the maximum total rate for corn, or illegal residues may result.
- DO NOT apply to frozen ground.
- A fall and/or a spring tillage may follow application, but do not exceed an incorporation depth greater than 2-3 inches
- Use on medium- and fine-textured soils with minimum-tillage or no-tillage systems in CO, IA, IL, IN, KS, KY, MN, MO, MT, ND, NE, SD, TN, WI, and WY. Apply 2/3 the specified rate of METOLACHLOR 8E (1.67 pts./A on medium soils and 2.0 pts./A on fine soils) as a split treatment 30-45 days before planting and the remainder at planting. Applications made less than 30 days prior to planting may be as either a split or single treatment. Apply 1.33 pts./A on coarse soils not more than 2 weeks prior to planting.

**RESTRICTION:** If a spring application is made, the total rate of the fall plus spring applications must not exceed the maximum total rate for corn, or illegal residues may result.

• On medium- and fine-textured soils with minimum- or no-tillage systems in CT, DE, MA, MD, ME, MI, NH, NY, OH, PA, RI, VA, VT, and WV, preplant surface applications may be applied following the directions for use above. If the amount of rainfall results in unsatisfactory length of weed control following the earlier treatment, a post-emergence application of an appropriately labeled broadleaf and/or grass weed herbicide may be used, i.e., metolachlor, primisulfuron-methyl, prosulfuron, nicosulfuron, dicamba, bromoxynil, or 2,4-D. If the postemergence treatment includes the herbicide used preplant surface-applied, do not exceed the total labeled rate for corn on a given soil texture. Observe all directions for use, precautions, and restrictions on the label of the postemergent herbicide. Users must follow the most restrictive directions for use and precautionary statements of each product in the tank mix

### PREPLANT INCORPORATED OR PREEMERGENCE

Refer to instructions for use of Priority™ 8E alone under Application Procedures on the product label.™

On coarse soils, apply 1.0-1.33 pts./A of Priority  $^{\text{TM}}$  8E if organic matter content is less than 3%, or 1.33 pts./A if organic matter content is 3% or greater. On medium soils, apply 1.33-1.67 pts./A of Priority  $^{\text{TM}}$  8E.

On fine soils, apply 1.33-1.67 pts./A of Priority™ 8E if organic matter content is less than 3%, or 1.67-2.0 pts./A if organic matter content is 3% or greater

### CALIFORNIA ONLY

Preplant Incorporated: See the SPECIAL APPLICATION PROCEDURES Section of the product label.

#### LAY-BY OR POSTEMERGENCE

To extend the duration of weed control in corn, a maximum rate of 2.0 pts./A of Priority  $^{TM}$  8E may be applied after crop emergence until the corn plants reach 40 inches in height, following any preplant surface-applied, preplant incorporated, or preemergence herbicide application, including Priority  $^{TM}$  8E. For best results, applications should be made to soil free of emerged weeds and directed towards the base of the corn plants in excess of 5 inches tall. The total Priority  $^{TM}$  8E rate applied on corn during any one crop year must not exceed 4.0 pts./A, depending on soil texture.

Shattercane, Wild Proso Millet, Woolly Cupgrass, and Eclipta – Partial Control: For more consistent partial control of shattercane, wild proso millet, woolly cupgrass, or eclipta, apply 2.0-2.55 pts./A as a single application; or apply 1.0-1.33 pts./A of PRIORITYTM 8E preplant incorporated followed by 1.0-1.33 pts./A of PriorityTM 8E preemergence; however, do not apply more than a total of 2.55 pts./A. Make the preemergence application during or after planting, but before weeds and corn plants emerge. Apply the 1.33 pts./A rate of PriorityTM 8E when a heavy infestation of shattercane, wild proso millet, woolly cupgrass, or eclipta is expected. A shallow cultivation may be needed to control any late emerging weeds.

# Woolly Cupgrass and Wild Proso Millet Control Program For control of these species, use the following 3-step program

- 1.) Apply Priority  $^{\text{TM}}$  8E early preplant, preplant incorporated, or preemergence at 1.67 pts./A on medium soils and 2.0 pts./A on fine-textured soils, up to the maximum label rate. Lightly incorporate with a rotary hoe if rainfall does not occur within 5-7 days;
- 2.) Apply a postemergence tank mix of primisulfuron-methyl at 0.38 oz./A or Exceed primisulfuron-methyl and prosulfuron at 1 packet per 4 acres plus nicosulfuron at 0.33 oz./A plus 1.0 qt. of crop oil concentrate plus 1.0 gal./A of 28% nitrogen, or the equivalent amount of ammonium sulfate, when grasses are 2-3 inches tall and the corn plant is at least 4 inches tall; and 3.) Cultivate 14-21 days after the postemergence application.

#### RESTRICTIONS (for all application methods)

- $\bullet$  To avoid possible illegal residues, DO NOT graze or feed forage from treated areas for 30 days following application.
- DO NOT apply more than the labeled application rate for a given soil texture per year, either as a single or split treatment, or illegal residues may result.
- In corn, Priority<sup>TM</sup> 8E may be used up to 2.75 pts./A as either a preplant surface, preplant incorporated, or preemergence treatment on soils having an organic matter content between 6% and 20% or up to 2.0 pts./A on any soil for extended residual control and where severe stands of problem weeds are expected.
- In the event of escape of annual weeds following a preplant surface, preplant incorporated, or pre-emergence treatment of Priority<sup>TM</sup> 8E, follow with a postemergence application of an appropriately labeled broadleaf and/or grass weed herbicide, i.e., atrazine, primisulfuronmethyl, metolachlor, primisulfuronmethyl, prosulfuron, nicosulfuron, dicamba, bromoxynil, or 2.4-D. If the postemergence treatment includes the herbicide used in the earlier treatment, i.e., atrazine, do not exceed the total labeled rate for corn on a given soil texture.
- Bromoxynil may be applied postemergence alone or in tank mix combination with atrazine.
  DO NOT exceed 1.2 lbs. a.i./A of atrazine in tank mix combination with bromoxynil postemergence. Refer to the atrazine, bromoxynil labels for specific rates and precautions.
- Do not use Priority™ 8E on peat or muck soils.
- Do not apply to frozen ground.

## CORN (FIELD, POP, SWEET, GROWN FOR SEED) Priority™ 8E COMBINATIONS

Refer to product label for all restrictions and rate limitations for Priority™ 8E and tank mix partner products.