

# SUPPLEMENTAL LABELING

**DuPont Crop Protection** 

DUPONT™ REQUIRE™ Q (mp)
HERBICIDE
FOR PREEMERGENCE USE IN
FIELD CORN

# **DUPONT**<sup>TM</sup> **REQUIRE**<sup>TM</sup> **Q** (mp) **HERBICIDE**

EPA Reg. No. 352-761

# FOR PREEMERGENCE USE IN FIELD CORN

# **DIRECTIONS FOR USE**

It is a violation of federal law to use this product in a manner inconsistent with its labeling. Follow all applicable directions; restrictions; Worker Protection Standard requirements and precautions on the EPA registered label.

DuPont<sup>TM</sup> REQUIRE<sup>TM</sup> Q (mp) Herbicide is a water soluble granule. REQUIRE<sup>TM</sup> Q (mp) is a selective herbicide for burndown and residual control of certain annual grass and broadleaf weeds when applied preemergence to field corn.

### APPLICATION INFORMATION

Do not apply more than a total of 8 oz REQUIRE<sup>TM</sup> Q (mp) (or 0.5 oz active ingredient rimsulfuron) during the crop year. This includes combinations of fallow, preemergence, and postemergence applications of REQUIRE<sup>TM</sup> Q (mp), as well as rimsulfuron from application(s) of products such as DuPont<sup>TM</sup> BASIS®, RESOLVE® Q and DuPont<sup>TM</sup> STEADFAST® herbicides.

# WHEN TO APPLY - Preemergence to the Crop

Apply REQUIRE<sup>TM</sup> Q (mp) at 4.0 ounce per acre before corn emergence. See cumulative rimsulfuron rate limitation as noted above. Consult DuPont technical bulletins, fact sheets or supplemental labeling for additional application rate information. REQUIRE<sup>TM</sup> Q (mp) herbicide may be used in either conventional, conservation tillage, or no-till crop management systems and may be applied either preplant, or preemergence for use in field corn production. Applications of REQUIRE<sup>TM</sup> Q (mp) made before weed emergence will provide residual control of labeled weeds. Control of emerged weeds will require the addition of spray adjuvants, and can be further enhanced with additional tankmix partners as noted in this label.

Preplant Surface Applied – REQUIRE<sup>TM</sup> Q may be applied up to 30 days prior to planting. REQUIRE<sup>TM</sup> Q (mp) is best used in a planned sequential application program, followed by

RESOLVE® Q, or STEADFAST® Q, and tank mixed with appropriate corn herbicide partners post applied. Refer to the label of the respective sequential partner for specific use directions.

Preplant/Preemerge Burndown – REQUIRE<sup>TM</sup> Q (mp) may be applied when weeds are present at the time of treatment in a tank mixture with crop oil concentrate or methylated seed oil for burndown of labeled weeds 3" or less in height. When weeds are greater than 3" in height or weeds not controlled by DuPont<sup>TM</sup> REQUIRE<sup>TM</sup> Q (mp) are present, the addition of a burndown herbicide (ie glyphosate, gramoxone, dicamba, and/or 2, 4-D) is recommended. If giant ragweed, common cocklebur, henbit, Pennsylvania smartweed or purple deadnettle are present at the time of application, the addition of atrazine will improve control. Observe direction for use and precaution and restrictions on the label of the burndown herbicide. When mixing with liquid nitrogen fertilizer or glyphosate, substitute a nonionic surfactant for crop oil.

## For Additional control of Grasses and Broadleafs

REQUIRE<sup>TM</sup> Q (mp) may be tankmixed with full or reduced rates of preemergence grass and broadleaf herbicides such as atrazine, DuPont<sup>TM</sup> CINCH®, CINCH® ATZ, DuPont<sup>TM</sup> BREAKFREE®, DuPont<sup>TM</sup> BREAKFREE® ATZ, "Outlook", "Lexar" and "Lumax" to provide added residual or burndown activity on emerged weeds. Consult tankmix partner labeling for rate and soil type restrictions.

## SPRAY ADJUVANTS

For control of emerged weeds, application of REQUIRE<sup>TM</sup> Q (mp) must include a nonionic surfactant and an ammonium nitrogen fertilizer. If applied in tank mix combination with a glyphosate or glufosinate herbicide that contains a built-in adjuvant system no additional surfactant needs to be added. Crop oil concentrate may be used in place of nonionic surfactant for burndown applications of REQUIRE<sup>TM</sup> Q (mp) made before crop

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emergence. Consult local DuPont fact sheets, technical bulletins, and service policies prior to using other adjuvant systems. Products must contain only EPA-exempt ingredients (40 CFR 1001).

#### RESIDUAL CONTROL

### **Broadleaves**

Carpetweed\*

Chamomile, false

Cocklebur\*

Filaree, Redstem

Henbit

Jimsonweed\*

Kochia (ALS-sensitive)

Lambsquarters, common

Morningglory, ivyleaf\*

Mustard (birdsrape, black) Nightshade\* (hairy, black)

Palmer amaranth\*

Pigweed (prostrate, redroot, smooth)

Purslane, common

Ragweed, common\*

Russian thistle, seedling\*

Smartweed, Pennsylvania\*

Velvetleaf\*

\* partial control/suppression

#### Grasses

Barny ard grass

Bluegrass, annual\*

Crabgrass, large\*

Foxtail (bristly, giant, green, yellow)

Panicum, fall\*

Signalgrass, broadleaf\*

Wheat, Volunteer

Wild Oat\*

### **IMPORTANT**

BEFORE USING REQUIRE  $^{\text{\tiny TM}}$  Q (mp), 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.

"Lumax" and "Lexar" are registered trademarks of a Syngenta Group Company

"Outlook" is a registered trademark of BASF Corporation

(Derived from SL-1471 100209 09-29-09)

R-1016 121509 09-29-09

<sup>\*</sup> partial control/suppression