



# DPX-79406 75DF

## HERBICIDE

### FOR WEED CONTROL IN FIELD CORN

This product is a water dispersible granule containing 75 percent active ingredient by weight.

#### ACTIVE INGREDIENTS

#### BY WEIGHT

Nicosulfuron

2-((( (4,6-Dimethoxypyrimidin-2-yl)aminocarbonyl))  
aminosulfonyl))-N,N-dimethyl-3-pyridinecarboxamide ..... 37.5%

Rimsulfuron

N (( 4, 6 - dimethoxypyrimidin - 2-yl) aminocarbonyl) -3-  
(ethysulfonyl) -2- pyridinesulfonamide ..... 37.5%

INERT INGREDIENTS ..... 25%

TOTAL ..... 100%

EPA REG. NO. 352-LTE

U.S. Patent No. xxxxxx

### KEEP OUT OF REACH OF CHILDREN

## CAUTION

### STATEMENT OF PRACTICAL TREATMENT

In case of contact with eyes, immediately flush with plenty of water. Call a physician if irritation persists.

If on skin, wash with plenty of soap and water.

If swallowed, no specific intervention is indicated as this compound is not likely to be hazardous by ingestion. However, consult a physician if necessary.

For medical emergencies involving this product, call toll free 1-800-441-3637.

### PRECAUTIONARY STATEMENTS

#### HAZARD TO HUMANS AND DOMESTIC ANIMALS

**CAUTION!** Causes eye irritation.

Harmful if absorbed through skin. Causes eye irritation. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling. Remove and wash contaminated clothing before reuse.

#### PERSONAL PROTECTIVE EQUIPMENT

Applicators and other handlers must wear:

- Long-sleeve shirt and long pants.
- Waterproof gloves.
- Shoes plus socks.

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

### USER SAFETY RECOMMENDATIONS

**USERS SHOULD:** Wash hands before eating, drinking, chewing gum, using tobacco or using toilet.

### ENVIRONMENTAL HAZARDS

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 by cleaning of equipment or disposal of wastes.

# ACCEPTED

SEP 28 1995

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act,  
as amended, for the pesticide  
registered under  
EPA Reg. No. 352-512-1

## DIRECTIONS FOR USE

It is a violation of federal law to use this product in a 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 in your State responsible for pesticide regulation.

### AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker 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.
- Waterproof gloves.
- Shoes plus socks.

DuPont DPX-79406 75DF Herbicide should be used only in accordance with recommendations on this label or in separately published Du Pont recommendations.

Do not use on sweet corn or popcorn.

Du Pont will not be responsible for losses or damage resulting from the use of this product in any manner not specifically recommended by Du Pont.

Single applications of 79406 may not exceed a total of 0.5 oz./acre in any one crop year.

Do not graze or feed forage, grain or fodder from the treated areas to livestock within 30 days after applications of 79406.

Application of 79406 to corn that is stressed or damaged by cold weather, hail, drought, water-saturated soil, disease or insects may cause further crop injury. Applications made under certain conditions such as prolonged cool weather (daily high temperatures less than 50 F), widely fluctuating day/night temperatures just prior to or soon after treatment, or during periods of high relative humidity and temperature may cause temporary yellowing and/or crop stunting. Risk of injury increases as the crop grows past the 6-leaf stage.

Do not apply to corn that has been treated within seven days before with foliar-applied organophosphate insecticides such as Lorsban<sup>1</sup>, malathion, parathion, etc., or with the herbicides Basagran<sup>2</sup>, or Laddok<sup>3</sup>, because severe crop injury may result. Do not apply these materials within seven days after applying 79406 or severe crop injury may result.

Do not apply to corn previously treated with Counter<sup>4</sup> 15G insecticide (all application methods) as severe crop injury may result.

Do not apply if crop was previously treated with "Counter" 20 CR applied in furrow at planting or over-the-row at cultivation.

Applications to corn treated with organophosphate soil insecticides such as "Lorsban", Dyfonate<sup>4</sup>, Thimet<sup>1</sup>, etc., applied at planting or over-the-row at cultivation, may result in temporary crop injury.

in flood- or furrow-irrigated fields, if no rain has occurred after the 79406 treatment (at least 1/2 inch), do not allow tailwater from the first irrigation after 79406 application to leave the 79406-treated field.

### GENERAL INFORMATION

79406 Herbicide is a water dispersible granule containing 75 percent active ingredient by weight. It is premeasured in a water soluble packet (containing 2.0 oz product) that will treat 4 acres.

79406 is a selective herbicide for control of certain annual and perennial grass weeds and certain broadleaf weeds when applied postemergence to field corn.

Note: Prior to using 79406, consideration should be given to crop rotational plans. Rotational crops other than corn may be very sensitive to low concentrations of 79406 remaining in the soil. See ROTATIONAL CROP GUIDELINES section for recropping guidelines.

### APPLICATION RECOMMENDATIONS

Application should be made only by ground equipment to young, actively growing weeds. Because 79406 provides weed control mainly through foliar absorption, apply after the majority of weeds have emerged, but before they exceed maximum size listed in APPLICATION RATE AND TIMING SECTION.

DO NOT APPLY THROUGH ANY TYPE OF IRRIGATION SYSTEM.

Select a spray volume and delivery system that will insure thorough coverage and uniform spray pattern. Increase spray volume and pressure as weed density and size increases. Avoid overlapping; shut off spray booms while starting, turning, slowing or stopping, or injury to the crop might result.

For optimum spray distribution and thorough coverage, use properly arranged flat fan nozzles set to deliver at least 10 gallons carrier per acre while operating within recommended pressure range for nozzle. Under heavy weed pressure, dense crop foliage, or moisture stress conditions, increase carrier volume to at least 15 gallons per acre, and use maximum pressure recommended for nozzle type.

Avoid using flood, or other nozzle types which produce coarse sprays, as weed control may be reduced.

Use 50 mesh or larger nozzle screens.

Continuous agitation is required to keep 79406 in suspension.

## SPRAY PREPARATION

Start with a clean tank. It is important that spray equipment is clean and free of existing pesticide deposits before using 79406. Follow the cleanout procedures specified on the label of the product(s) previously sprayed. If no cleanout procedure is provided, follow this cleanout procedure for all application equipment before using 79406.

1. Thoroughly rinse sprayer, tanks, boom and hoses with clean water.
2. Partially fill tank with water and add ammonia (1 gallon of household ammonia per 100 gal. of tank volume) or a tank cleaner. Follow individual label instructions for the amount of tank cleaner to use. Complete filling the tank and flush the cleaning solution through the boom hoses. Let stand for 15 minutes while agitating/recirculating and then drain the tank after flushing the hoses, booms and nozzles.
3. Thoroughly rinse the sprayer, tanks, boom and hoses with clean water.
4. Follow label directions on product(s) previously sprayed for rinsate disposal.

**Mixing sequence.** Fill tank 1/4 to 1/2 full of water. With agitation running, add proper amount of 79406. When 79406 is dispersed and the tank is nearly full, add selected adjuvants (non-ionic surfactant or crop oil concentrate, nitrogen fertilizer solution), then finish filling tank.

**Adjuvants.** Always add a nonionic surfactant to the spray mixture at 0.25% vol./vol. (1 quart per 100 gallons of spray solution). Nonionic surfactant should contain at least 80% active ingredient (of which at least 50% is actual nonionic surfactant). AVOID PRODUCTS THAT DO NOT ACCURATELY DEFINE THEIR INGREDIENTS.

Under hot, dry conditions when weeds are drouth stressed, crop oil concentrate (COC) may be substituted for non-ionic surfactant. Use a good quality COC containing at least 15% emulsifiers/surfactants. Add COC to the spray mixture at 1% vol./vol. (4 gal. per 100 gal.)

Adding liquid nitrogen fertilizer solution (e.g., 28-0-0 or 32-0-0) to the spray solution at 4% vol./vol. (4 gallons per 100 gallons) may improve control of certain weeds. Use of nonionic surfactant or COC at recommended rates is still required. Do not use fertilizer solutions or suspensions as the total carrier as excessive crop injury may occur.

## APPLICATION RATE AND TIMING

Apply 79406 at 0.5 oz. per acre to actively growing weeds in the size ranges shown below.

Weeds	Weed Height (Inches)
Barryardgrass	Emergence to 3
Broadleaf signalgrass	Emergence to 3
Fall panicum	Emergence to 3
Giant foxtail	Emergence to 3
Green foxtail	Emergence to 3
Bristly foxtail	Emergence to 3
Yellow foxtail	Emergence to 3
Seedling Johnsongrass	3 - 10
Shattercane	3 - 10
Redroot pigweed	Emergence to 4

Best results will be obtained if 79406 is applied after majority of weeds have emerged, but before they reach the maximum height for the weed species.

Apply before emergence of sixth true leaf on corn.

If a new flush of weeds emerges after 79406 application, supplemental cultural practices such as cultivation may be used to enhance weed control. A sequential application of DuPont ACCENT Herbicide may be made if needed.

Do not apply more than 0.5 oz. 79406 per acre per year.

## SPRAYER TANK CLEANOUT

To avoid subsequent injury to desirable crops, thoroughly clean all mixing and spray equipment immediately following applications of 79406 as follows:

1. Drain tank; thoroughly rinse spray tank, boom, and hoses with clean water. Loosen and physically remove any visible deposits.
2. Fill the tank with clean water and one gallon of household ammonia\* (contains 3% ammonia) for every 100 gallons of water. Flush the hoses, boom and nozzles with the cleaning solution. Then add more water to completely fill the tank. Circulate the cleaning solution through the tank and hoses for at least 15 minutes. Again flush the hoses, boom and nozzles with the cleaning solution and then drain the tank.
3. Remove the nozzles and screens and clean separately in a bucket containing cleaning agent the water.
4. Repeat step 2.
5. Rinse the tank, boom and hoses with clean water.
6. The rinsate may be disposed of on site or at an approved disposal facility.

\*Equivalent amount of an alternated strength ammonia solution or a Du Pont approved cleaner (listed below) can be used in the cleanout procedure. Carefully read and follow the individual cleaner instructions.

Du Pont approved cleaners:

Protank Cleaner - manufactured for Cenex/Land O'Lakes Agronomy Co.

Chem-Tank Cleaner & Neutralizer - manufactured by Farmbelt Chemicals, Inc.

Incide-Out<sup>®</sup>

Nutra-Sol (Compounded for Thomas G. Kilfoil Co., Inc., San Bruno, CA)

Tank and Equipment Cleaner (Manufactured by Loveland Industries, Inc.)

Tank-Aid - Manufactured for Corbelt Chemical Company

## ROTATIONAL CROP GUIDELINES

In order to avoid injury to rotational crops, observe the minimum recrop intervals from the date of the last 79406 application, as listed in the tables for 79406 ROTATIONAL CROP GUIDELINES.

### 79406 ROTATIONAL CROP GUIDELINES

No soil pH restrictions

Crop	Rotational Interval in Months
Corn (Field)	Anytime
Corn (Pop, Sweet)*	10
Soybeans	10
Wheat (Winter)	4
Wheat (Spring)	8
Barley (Winter)	4
Barley (Spring)	8
Rye (Winter)	4
Dry Beans	10
Oats	8
Cotton	10
Peas, Snap Beans	10
Alfalfa**	12
Red Clover**	12
Sorghum	12
Sugarbeets	12
All Other Crops	18

\* Except the sweet corn varieties "Merit", "Carnival", and "Sweet Success", for which the minimum time interval is 15 months.

\*\*Except for the state of Kansas east of Highway 75, for Minnesota east and south of the Red River Valley and for the states east of the line formed by the western borders of Iowa, Missouri, Arkansas, and Louisiana, where the minimum time interval is 10 months.

## IMPORTANT INFORMATION

Injury to or loss of desirable trees or vegetation may result from failure to observe the following:

- Do not apply, drain or flush equipment on or near desirable trees or other plants, or on areas where their roots may extend, or in locations where the chemical may be washed or moved into contact with their roots.
- Do not use on lawns, walks, driveways, tennis courts or similar areas.
- Prevent drift of spray to desirable plants.
- Do not contaminate any body of water, including irrigation water that may be used on other crops.

## STORAGE AND DISPOSAL

**STORAGE:** Store product in original container only, away from other pesticides, fertilizer, food or feed.

**PESTICIDE DISPOSAL:** Do not contaminate water, food or feed by disposal. Waste resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

**CONTAINER DISPOSAL:** Triple rinse (or equivalent) the container. Then offer for recycling or reconditioning, 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.

## NOTICE OF WARRANTY

Du Pont warrants that this product conforms to the chemical description on the label thereof and is reasonably fit for purposes stated on such label only when used in accordance with directions under normal use conditions. 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 weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Du Pont. In no case shall Du Pont be liable for consequential, special or indirect damages resulting from the use or handling of this product. All such risks shall be assumed by the buyer. DU PONT MAKES NO WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

- 1 Registered trademark of DowElanco
- 2 Registered trademark of BASF Corporation
- 3 Registered trademark of American Cyanamid Co.
- 4 Registered trademark of ZENECA, Inc.
- 5 Trademark of Precision Laboratories, Inc..

**D - 136-3 112294**