



DuPont Agricultural  
Products

"..... A Growing Partnership With Nature"



TRADEMARK

**BASIS® HERBICIDE**  
PREEMERGENCE APPLICATIONS FOR THE  
CONTROL OF TRIAZINE  
RESISTANT COMMON LAMBSQUARTERS  
AND PIGWEEDS IN FIELD CORN

## BASIS® HERBICIDE

EPA REG. NO. 352-571

### PREEMERGENCE APPLICATIONS FOR THE CONTROL OF TRIAZINE RESISTANT COMMON LAMBSQUARTERS AND PIGWEEDS IN FIELD CORN

#### DIRECTIONS FOR USE

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

DuPont BASIS Herbicide may be applied alone or in a tank mix for preemergence control of common lambsquarters and pigweed species, including triazine resistant biotypes in field corn, as well as postemergence control of weeds listed on the BASIS label. Do not apply to popcorn, to sweet corn, or to field corn grown for seed.

#### WHEN TO APPLY

Broadcast applications of BASIS may be applied from 7 days before planting up through the 4 leaf (prior to emergence of third collar) corn stage or 6" tall. If applied postemergence to the crop, do not apply more than 1/3 ounce per acre. If tank mixing BASIS with another herbicide refer to the companion herbicides label for proper timing to corn crop. The more restrictive labeling shall apply. Make only 1 application of BASIS per season.

Applications made during warm, moist conditions (70°F or more) with adequate soil moisture before and after application maximize performance.

#### HOW TO USE

##### Rate

Apply BASIS at a rate of 1/3 to 1/2 ounce per acre (one soluble pack per 4 to 2.6 acres, respectively) alone or in combination with other preemergence herbicides registered for use on field corn. If applied postemergence to the crop, do not apply more than 1/3 ounce per acre.

Preemergence applications of BASIS work best on soils having an organic matter content of 1.0 % but not more than 3.5 %. Apply the lower rate on lower organic matter soils and the higher rate on heavier, higher organic matter soils. Do not apply BASIS preemergence on coarse-textured soils with less than 1% organic matter. Applications on soils with an organic matter

greater than 3.5% may not provide the desired length of residual activity from a preemergence application

Do not apply less than 1/3 ounce of BASIS per acre.

#### Adjuvants

Always include a nonionic surfactant or crop oil concentrate when making application to emerged weeds at a rate of:

A crop oil concentrate at 1 %v/v ( 1 gallon per 100 gallons of spray solution)

-or-

A nonionic surfactant at a rate of 0.25 %v/v (1 quart per 100 gallons of spray solution)

-plus-

An ammonium nitrogen fertilizer such as 30-0-0 (2-4 quarts per acre), 10-34-0 (1-2 quarts per acre) or ammonium sulfate (21-0-0) at 2-4 pounds per acre.

If another herbicide is tank mixed with BASIS for increased weed control, select the adjuvants based on the recommendations for that herbicide as well.

#### TANK MIXES

Preemergence applications of BASIS may be tank mixed with other soil-applied corn herbicides such as atrazine (0.5 to 1.5 pounds per acre), simazine, DuPont Extrazine II, Guardsman (1), Surpass 100 (2), Fultime (2), Bicep II (3), Bicep II Magnum (3), Harness Xtra (4), or other field corn herbicides for a broader spectrum of weed control. Refer to the tank mix product labels for additional use directions, use restrictions, rotational crop intervals and precautions. The most restrictive provision on either label shall apply.

For product information call 1-888-6-DUPONT

© 1998 E. I. du Pont de Nemours and Company, Agricultural Products, Wilmington, Delaware 19898

BASIS may be tank mixed with ASANA XL for the control of cutworms. Consult the ASANA XL label for additional use directions, use restrictions and precautions.

**APPLICATION**

For best results, use a minimum of 15 gallons of carrier volume per acre(15 GPA) for broadcast application.

Preemergence applications may be made using flat fan or flood nozzles. Refer to the nozzle manufacturers guidelines for proper nozzle orientation, overlap, and set-up.

BASIS may be mixed with water or preslurried in water and added to liquid fertilizer for application. (If using liquid fertilizer as the carrier, applications should be made before the corn emerges to avoid excessive fertilizer burn to the crop.) When using a liquid fertilizer as the carrier conduct a compatibility test with all components prior to mixing.

**MIXING INSTRUCTIONS:**

1. Fill the tank 1/3 full of water or fertilizer to the tank and turn on the agitator.
2. Add the required amount of BASIS either as a slurry pre-mixed with clean water(if using liquid fertilizer as the carrier) or directly into the tank if spraying with water.
3. Once the BASIS is dissolved, add any companion products, including adjuvants to the spray tank.
4. Finish filling the tank with the remaining carrier volume.

Do not use BASIS with spray additives or liquid fertilizer carriers that reduce the pH of the spray solution below 3.0

**RESIDUAL ACTIVITY**

An activating rainfall or irrigation(>1/2 inch) 5 to 7 days after application will be required for herbicide activation and maximum residual activity.

**IMPORTANT PRECAUTIONS**

Consult the BASIS label for additional information on the interaction of certain insecticides

Refer to the BASIS label for mixing instructions.

Do not apply BASIS through any type of irrigation system.

Do not apply BASIS in a tank mix with Broadstrike/Dual<sup>®</sup> or Homet<sup>®</sup>.

**IMPORTANT**

**BEFORE USING this product, 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.

- <sup>1</sup> Registered Trademark of BASF Corporation
- <sup>2</sup> Registered Trademark of Zeneca, Inc.
- <sup>3</sup> Registered Trademark of Novartis Crop Protection, Inc.
- <sup>4</sup> Registered Trademark of Monsanto Company
- <sup>5</sup> Registered Trademark of Dow Agro

D-041598  
(Replaces H-63079)

