

91.08.30

BLAZINE(R) LIQUID HERBICIDE

AGRICULTURAL

Net Contents: 10 litres

A suspension herbicide for selective pre-plant incorporation and pre-emergence weed control in corn

READ THE LABEL BEFORE USING

CAUTION POISON

GUARANTEE:

Cyanazine.....320 g/L
Atrazine.....153 g/L
Related actives.....7 g/L

REGISTRATION NO. 15885 PEST CONTROL PRODUCTS ACT

FIRST AID

If swallowed, induce vomiting immediately. This should be done by introducing a finger into the throat. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. Keep patient lying down and quiet. Transport the patient immediately to the nearest physician.

Skin Contact: If spilled on the skin, remove all contaminated clothing at once. Thoroughly wash skin with soap and water. Contact physician. Wash contaminated clothing separate from household laundry before reuse.

For Eyes: If the material gets into the eyes, flush immediately with running water for at least 15 minutes. Contact physician.

Manufactured by E.I. du Pont de Nemours & Co. (Inc.)
Agricultural Products, Wilmington, Delaware, U.S.A.

Distributed in Canada by
DU PONT CANADA INC.
General Products Division
Box 2300, Streetsville,

DECONTAMINATION AND DISPOSAL

1. Rinse the emptied container thoroughly and add the rinsings to the spray mixture in the tank.
2. Follow provincial instructions for any required additional cleaning of the container prior to its disposal.
3. Make the empty container unsuitable for further use.
4. Dispose of the container in accordance with provincial requirements.
5. For information on the disposal of unused, unwanted product and the cleanup of spills, contact the regional office of Conservation and Protection, Environment Canada.

CAUTION

KEEP OUT OF REACH OF CHILDREN. Do not take internally. Harmful or fatal if swallowed. Keep in original container during storage.

Avoid contact with skin. Wear protective clothing such as coveralls or a long-sleeved shirt and long pants and chemical-resistant rubber gloves.

Change contaminated clothing daily and wash separately from household laundry before reuse.

Do not handle product with bare hands. Chemical-resistant gloves significantly reduce hand exposure. It is important to wear gloves for mixing/loading/clean-up operation and when making sprayer and nozzle repairs and adjustments. Do not use leather or cloth gloves.

Rinse gloves with soap and water before removal and wash hands thoroughly before eating, smoking or drinking.

CAUTION: Do not graze the treated immature crop or cut for hay; there are not sufficient data available to support such use.

Do not allow spray or spray mist to contact plants other than those being sprayed. Do not contaminate food or feed products. Do not contaminate streams, lakes, ponds, irrigation water, water used by livestock or water used for domestic purposes.

INTRODUCTION

NOTE: Do not use after corn is up.

BLAZINE(R) Liquid Herbicide is a selective herbicide for pre-plant incorporation and pre-emergence control of annual grasses and broad-leaf weeds in field corn, and sweet corn.

"Blazine" provides broad spectrum weed control over a wide range of weather conditions and soil types. "Blazine" is particularly useful in situations where barnyard grass and pigweed are prominent in the weed spectrum, and is active on all mineral soils, including heavy clays such as Brookston Clay.

GENERAL INFORMATION

Pre-plant incorporation treatment should be applied broadcast and incorporated thoroughly into the top 5 cm of soil. Tillage equipment such as tandem discs or "S-tine" cultivators should be set to work the soil no deeper than 10 cm to ensure shallow incorporation. Blazine Liquid does not need to be incorporated immediately.

Pre-emergence treatments are active mainly through the roots and, therefore, effect on weeds is dependent on adequate rainfall to move the herbicide into the root zone. Performance results indicate that if at least 1.25 cm of rain does not fall within 7-10 days following application, a rotary hoeing or shallow cultivation will be required to move the material into moist soil; incorporation into dry soil is not recommended. If some seedlings do escape Blazine treatments in dry weather, a shallow cultivation will be necessary to smother them. A weed should be considered an escape when it has reached the 2-3 leaf stage. Blazine Liquid is not recommended for use post-emergence.

SEEDBED PREPARATION

Prepare a smooth seedbed, free from lumps or clods. Do not apply Blazine on loose or rough soil surfaces. For pre-emergence band applications, mount the spray nozzle behind the press wheel.

WEEDS CONTROLLED BY "BLAZINE"

Grasses:

Barnyard Grass	Fall Panicum**	Witchgrass
Crabgrass	Green Foxtail	Yellow Foxtail

Broadleaves:

Black Nightshade	Lamb's Quarters	Shepherd's Purse
Common Purslane	Pigweed	Wild Buckwheat
Lady's Thumb	Prostrate Knotweed	Wild Mustard
Velvetleaf***	Ragweed	Wormseed Mustard

Note

**Pre-plant incorporated and pre-emergence applications do not adequately control fall panicum under conditions which delay weed germination, such as low temperature or lack of soil surface moisture. Blazine will not control deep-rooted perennials such as milkweed, Canada thistle, etc. Quackgrass (couchgrass) and nutgrass (nutsedge) are not controlled.

***Use a tank mix combination of "Blazine" L and Banvel*. (See section on "Blazine" L/Banvel Tank Mix Combination).

DOSE RATE AND SOIL TYPE

	Sandy Loam Soils	Medium/Heavy Soils
Pre-plant incorporated	6.7 L/ha	8.3 L/ha
Pre-emergence	5.5 L/ha	7 L/ha

FOR BAND APPLICATIONS USE PROPORTIONATELY LESS MATERIAL

"Blazine" is not recommended for use on sandy soils (consisting of more than 70% sand) or soils containing less than 1% organic matter.

TIMING

"Blazine" liquid should be applied any time before or after planting but before emergence of the corn crop.

"BLAZINE" L/BANVEL(1) TANK-MIX COMBINATION

This combination cannot be used safely on SWEET CORN.

Mixtures of "Blazine" L and Banvel applied pre-emergence will provide effective control of annual broad-leaved weeds and grasses including VELVETLEAF and TRIAZINE RESISTANT lamb's quarters and redroot pigweed. Use the following rate:

Pre-emergence

7.0 L "Blazine" L plus 1.25 litres Banvel per hectare. Do not use on SAND or SANDY LOAM soils.

Do not apply this mixture post-emergence.

APPLICATION METHOD

Thoroughly clean the sprayer prior to use. Do not use a sprayer contaminated with 2,4-D or other materials since damage to corn or sprayer clogging may result.

Fill the spray tank 2/3 full of water and turn on the agitation system. Add the "Blazine" Liquid and finish filling the spray tank. When mixing "Blazine" with Banvel, fill the spray tank 2/3 full of water and turn on the agitation system. Add the "Blazine" L and agitate for a few minutes until thoroughly mixed. Add the Banvel and finish filling the tank.

The spray tank should be designed to provide sufficient agitation to keep the herbicide in suspension during mixing and spraying. After any break in the spraying operation, agitate thoroughly. Apply 150-300 litres of spray solution per hectare for overall treatment. (Use nozzles which have an orifice equal to or larger than Tee Jet 8003 in conjunction with 50-mesh screens.) Spray at a pressure of about 200 kPa. If allowed to stand in a spray tank or nurse tank for an extended period (several hours or overnight) strong agitation is required to re-suspend the material and to maintain a uniform suspension.

NOTE: Do not use the "Blazine"/Banvel mixture on SWEET CORN. Follow all the precautions and warnings that appear on the "Blazine" and Banvel labels.

USE PRECAUTIONS: Land treated with "Blazine" should not be planted to any crop other than corn in the year of application of the product. When used as recommended, under normal growing conditions, there is virtually no hazard to rotational crops with the exception of tobacco and sugar beets. However, when the rotational crop is subjected to stress conditions, e.g., abnormally hot, dry weather, preceded by extended periods of dry weather during the season of treatment, injury may occur. Uneven application or overdosing of "Blazine" may result in injury to rotational crops other than corn. Do not add other herbicides or adjuvants to "Blazine".

NOTICE TO USER: This control product is to be used only in accordance with the directions on this label. It is an offense under the PEST CONTROL PRODUCTS ACT to use a control product under unsafe conditions.

NOTICE TO BUYER: Seller's guarantee shall be limited to the terms set out on the label and subject thereto, the buyer assumes the risk to persons or property arising from the use or handling of

this product and accepts the product on that condition.

Purchase of this material does confer any rights under patents of countries outside Canada.

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