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pms
264-408

ACCEPTED
NOV - 9 1984
Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under
EPA Reg. No. 264-408

**FL 2 BROMINAL® Bromoxynil Postemergence
Broadleaf Herbicide**

CROP USE

Controls annual broadleaf weeds in field corn and grain sorghum.

For Agricultural Use Only.

ACTIVE INGREDIENTS:

3,5-dibromo-4-hydroxybenzotrile 21.5%
INERT INGREDIENTS: 78.5%

*Total Bromoxynil (3,5-Dibromo-4-hydroxybenzotrile)
by weight 250 grams per liter or 2.08 pounds per gallon

E.P.A. Reg. No. 264- E.P.A. Est. 264-M0-1

U.S. PATENTS No. 4,332,613

KEEP OUT OF REACH OF CHILDREN.

WARNING

PRECAUTIONARY STATEMENTS: See inside booklet.

AVISO

PRECAUCION AL USARIO: Si usted no lee ingles, no use este producto hasta que
le etiqueta haya sido explicado ampliamente.

IN CASE OF EMERGENCY TELEPHONE COLLECT
(24 HOURS A DAY) IN U.S.A. (304) 744-3487

UNION CARBIDE AGRICULTURAL PRODUCTS COMPANY, INC.
P. O. BOX 12014, T.W. Alexander Drive, Research Triangle Park, N.C. 27709

FL 2 BROMINAL and UNION CARBIDE are registered trademarks of UNION CARBIDE
CORPORATION. **MADE IN U.S.A.**

CONTENTS 2.5 GAL. (9.46 Liters)
DO NOT DETACH BOOKLET FROM CONTAINER.

GENERAL INFORMATION CROP USE

FL 2 BROMINAL® bromoxynil broadleaf herbicide effectively controls broadleaf weeds germinating from seed, applied when these weeds are in the seedling stage.

FL 2 BROMINAL® applied early kills seedling broadleaf weeds that emerge in field corn or grain sorghum thus reducing weed competition during early growth.

FL 2 BROMINAL® controls seedling broadleaf weeds such as smartweed, kochia, Russian thistle, bristly star bur, puncture-vine, nightshade, ragweed, lambsquarters, velvetleaf, sunflower, jimsonweed, wild cucumber cocklebur and other weeds, some of which are resistant to 2,4-D.

The most important factors for effective weed control are : 1. spraying weeds in the seedling stage; 2. Uniform spray coverage.

Good spray coverage is essential for maximum weed control. Use 10 or more gallons of water per acre with ground sprayers. Wide spaced low pressure flood type nozzles do not give satisfactory coverage. Nozzle pressure should be at least 30 psi. Width of swath must not exceed length of spray boom.

Do not apply when crops form a canopy over weeds. Do not apply when crops are under moisture stress. Do not apply if rain is expected within 12 hours as FL2 BROMINAL® will wash off weeds before it takes full effect.

Tank mixes permit choosing a herbicide combination most effective for the weed problems present on your farm. Use FL 2 BROMINAL® broadleaf herbicide alone or in combination according to the label. Follow all cautions and limitations on the labels of the products you select to mix with FL 2 BROMINAL®.

Pigweed is somewhat resistant to FL 2 BROMINAL® and should be no larger than the 4 leaf stage of growth for effective control. If pigweed is the primary weed, use the high rate of FL 2 BROMINAL® or a tank mix with 0.25 lb/A of 2,4-D, being careful to observe all precautions necessary with 2,4-D.

Tank mixtures with 1 lb/A active atrazine have given broad spectrum post emergence broadleaf weed control with soil activity. This tank mixture has been effective in controlling atrazine resistant lambsquarter, wild turnip, groundsel and common ragweed. Atrazine at a rate of 1 lb. per acre active ingredient (1.25 lbs of 80W) minimizes the risk of carryover.

If tank mixtures other than those listed on this label are chosen, check compatibility by mixing the components of the tank mixtures in the same proportions and dilutions planned for the application.

Warm temperatures increase the speed of action of FL 2 BROMINAL and increase the chance of some sorghum or corn foliage burn on the uppermost leaves at the time of treatment. Leaf burn is less common when sorghum or corn foliage is dry at the time of application. New growth will be normal and no adverse effect has been observed on yields. If weeds are hardened by severe drought stress, poor weed control may be encountered.

Do not cut for feed or graze within 30 days of treatment. Do not plant a rotational crop until the following use season.

FL 2 BROMINAL® contains 2.08 lb active bromoxynil per gallon; 0.96 pint contains 0.25 lb active ingredient; 1.44 pint contains 0.375 lb active ingredient; 1.92 pint contains 0.5 lb active ingredient.

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PRODUCT/ AREA	RATE/ ACRE	APPLICATION TIMING		SPRAY VOLUME
		Crop	Weeds	
FL 2 BROMINAL Throughout the United States	0.96- 1.92 pint Use the low rate on 2 leaf and the high rate on 3-4 leaf weeds	Grain Sorghum, Field Corn 2 leaf to 14" height	Nightshade, cocklebur, velvet- leaf, sunflower, smartweed, jimson- weed, lambsquarter mustards; weeds 2-4 leaf seedling stage.	The limited systemic action of foliar applied FL 2 BROMINAL makes good coverage essential. Use 10 or more gallons of water per acre for ground application.

PRECAUTIONARY STATEMENTS

HAZARD TO HUMANS AND DOMESTIC ANIMALS

WARNING

Harmful if swallowed. Avoid contact with skin, eyes, clothing. Avoid breathing spray mist.

STATEMENT OF PRACTICAL TREATMENT

In case of eye contact, rinse thoroughly with water and get medical attention. In case of skin contact, wash immediately with soap and water and remove contaminated clothing.

If swallowed - drink promptly large quantities of milk, egg white, gelatin solution or if these are not available, drink large quantities of water. Avoid alcohol. Get medical attention.

GENERAL WORKER PROTECTION STATEMENTS

Do not apply this product in such a manner as to directly or through drift expose workers or other persons. The area being treated must be vacated by unprotected persons.

Do not enter treated areas without protective clothing until sprays have dried. Because certain states may require more restrictive reentry intervals for various crops treated with this product, consult your State Department of Agriculture for further information. Written or oral warnings must be given to workers who are expected to be in a treated area or in an area about to be treated with this product. When oral warnings are given, warnings shall be given in a language customarily understood by workers. Oral warnings must be given if there is reason to believe that written warnings cannot be understood by workers. Written warnings must include the following information: appropriate signal word (WARNING), area treated, date of application, appropriate protection clothing, and reentry interval if applicable.

ENVIRONMENTAL HAZARDS

This product is toxic to fish. Do not apply directly to water. Do not apply when weather conditions favor drift from treated areas.

Do not contaminate water used for irrigation or domestic purposes by cleaning of equipment or disposal of waste.

Avoid spray drift onto neighboring crops or pastures. Clean sprayer thoroughly before using for other purposes.

STORAGE AND DISPOSAL

Do not freeze. Do not store near fertilizers, seed, insecticides or fungicides. Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited.

PESTICIDE DISPOSAL

Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL

Do not reuse empty container. Triple rinse (or equivalent). 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.

LIMITED WARRANTY AND DISCLAIMER

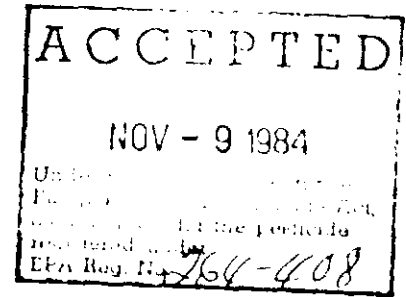
The manufacturer warrants (a) that this product conforms to the chemical description on the label; (b) that this product is reasonably fit for the purposes set forth in the directions for use when it is used in accordance with such directions; and (c) that the directions, warnings and other statements on this label are based upon reasonable experts evaluation of reasonable tests of effectiveness, of toxicity to laboratory animals and to plants, and of residues on food crops, and upon reports of field experience. Tests have not been made on all varieties or in all states or under all conditions. THE MANUFACTURER NEITHER MAKES NOR INTENDS, NOR DIES IT AUTHORIZE ANY AGENT OR REPRESENTATIVE TO MAKE, ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

This warranty does not extend to, and the Buyer shall be solely responsible for, any and all loss or damage which results from the use of this product (a) in any manner which is inconsistent with the label directions, warnings or cautions.

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BUYER'S EXCLUSIVE REMEDY AND MANUFACTURER'S OR SELLER'S EXCLUSIVE LIABILITY FOR ANY AND ALL CLAIMS, LOSSES, DAMAGES, OR INJURIES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER OR NOT BASED IN CONTRACT, NEGLIGENCE, STRICT OPTION, OR REPLACEMENT OF OR THE REPAYMENT OF THE PURCHASE PRICE FOR, THE QUANTITY OR PRODUCT WITH RESPECT TO WHICH DAMAGES ARE CLAIMED. IN NO EVENT SHALL MANUFACTURER OR SELLER BE LIABLE FOR SPECIAL INDIRECT OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.

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LIMITED WARRANTY AND DISCLAIMER

The manufacturer warrants (a) that this product conforms to the chemical description on the label; (b) that this product is reasonably fit for the purposes set forth in the directions for use when it is used in accordance with such directions; and (c) that the directions, warnings and other statements on this label are based upon reasonable experts evaluation of reasonable tests of effectiveness, of toxicity to laboratory animals and to plants, and of residues on food crops, and upon reports of field experience. Tests have not been made on all varieties or in all states or under all conditions. THE MANUFACTURER NEITHER MAKES NOR INTENDS, NOR DIES IT AUTHORIZE ANY AGENT OR REPRESENTATIVE TO MAKE, ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

This warranty does not extend to, and the Buyer shall be solely responsible for, any and all loss or damage which results from the use of this product (a) in any manner which is inconsistent with the label directions, warnings or cautions

BUYER'S EXCLUSIVE REMEDY AND MANUFACTURER'S OR SELLER'S EXCLUSIVE LIABILITY FOR ANY AND ALL CLAIMS, LOSSES, DAMAGES, OR INJURIES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER OR NOT BASED IN CONTRACT, NEGLIGENCE, STRICT OPTION, OR REPLACEMENT OF OR THE REPAYMENT OF THE PURCHASE PRICE FOR, THE QUANTITY OR PRODUCT WITH RESPECT TO WHICH DAMAGES ARE CLAIMED. IN NO EVENT SHALL MANUFACTURER OR SELLER BE LIABLE FOR SPECIAL INDIRECT OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.