



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (7505C)
401 "M" St., S.W.
Washington, D.C. 20460

EPA Reg. Number:
2217-809

Date of Issuance:
OCT 10 1996

NOTICE OF PESTICIDE:
 x Registration
 Reregistration

(under FIFRA, as amended)

Term of Issuance:
Conditional

Name of Pesticide Product:
ER 721

Name and Address of Registrant (include ZIP Code):

PBI/Gordon Corporation
1217 West 12th Street
P.O. Box 4090
Kansas City, MO 64101

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.
2. Add the phrase "EPA Registration No. 2217-809" to your label before you release the product for shipment.
3. Submit one (1) copy of your final printed labeling before you release the product for shipment. Refer to the A-79 enclosure for a further description of final printed labeling.

Signature of Approving Official:

Aug for

Date:

OCT 10 1996

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If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Philip V. Errico
Acting Product Manager (22)
Fungicide-Herbicide Branch
Registration Division (7505C)

Enclosure

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ER 721

An Edger to Reduce the Frequency of Trimming
Cool and Warm Season Grasses.

ACTIVE INGREDIENT:

**Diethanolamine salt of mefluidide*(N-[2,4-dimethyl-5-
[[[(trifluoromethyl)-sulfonyl]amino]phenyl]acetamide)..... 0.059%

INERT INGREDIENTS..... 99.941%

TOTAL 100.000%

**Equivalent to 0.0037 lbs. (N-[2,4-dimethyl-5-[[[(trifluoromethyl)-sulfonyl]amino]phenyl]acetamide) per gallon
or 0.044%.

*U.S. Patent Nos. 3,639,474; 3,894,078; 4,013,444.

KEEP OUT OF REACH OF CHILDREN

CAUTION

See other panels for additional Precautionary Statements.

**ACCEPTED
with COMMENTS
In EPA Letter Dated**

OCT 10 1996

**Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.**

NET CONTENTS ONE GALLON

2217-809

APXXXXXX

EPA REG. NO. 2217-~~XXX~~ IN @

EPA EST. NO. 2217-KS-X

Mfd. BY PBI/GORDON CORPORATION

KANSAS CITY, MISSOURI 64101

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RECD EPA/OPP/DPD1



READ THE ENTIRE LABEL FIRST. OBSERVE ALL PRECAUTIONS AND FOLLOW DIRECTIONS CAREFULLY.

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PRECAUTIONARY STATEMENTS

ENVIRONMENTAL HAZARDS: Do not contaminate water when disposing of equipment washwaters. Do not apply directly to water. Do not allow spray to drift onto non-target food crops or vegetation.

DIRECTIONS FOR USE

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

STORAGE AND DISPOSAL

STORAGE: Store container in a locked storage area inaccessible to children.

PESTICIDE DISPOSAL: Securely wrap original container in several layers of newspaper and discard in trash.

CONTAINER DISPOSAL: Do not reuse container. Rinse thoroughly before discarding in trash.

WHERE TO USE:

ER 721 is recommended for use in residential areas where trimming and mowing are difficult. This ready-to-use edger can be used as a substitute for trimming in difficult areas including:

- along sidewalks, driveways, parking areas, road and curbside grass
- around trees and under fencelines or guardrails
- around rocks, signposts, or fringe areas
- around buildings, patios, houses, mobile homes, and areas associated with household or home life

Kentucky bluegrass, perennial ryegrass, tall fescue, chewing fescues, creeping fescues, hard fescues and mixtures of these cool season grasses are retarded effectively with ER 721. Warm season grasses including zoysiagrass and St. Augustinegrass may be treated. The benefits of ER 721 will be extended trimming intervals, reduced time and labor associated with yard maintenance, and reduced growth in areas difficult to trim.

WHEN TO USE:

Apply ER 721 to actively growing turfgrass anytime after full green-up in the spring until early fall. Generally, begin applications in the spring after the third mowing.

WINTER	SPRING	SUMMER	FALL
Not recommended	Preferred application time	Use only if grass is actively growing	When grass resumes active growth

At the time of application, the turfgrass should have developed the desired appearance, the desired height, and sufficient foliage for uptake. Avoid scalping for all turf species. If mowing or trimming removes most of the green leaf tissue, spraying should be delayed until sufficient new growth develops to assure product absorption into green leaves. Allow one or two days after mowing or trimming before applying ER 721. Clippings and other debris should be removed before spraying.

For an evenly trimmed appearance grass may be mowed 2 to 5 days after ER 721 is applied. Differential responses of mixed cool season grasses may occur with ER 721 and may result in irregular heights or a non-uniform appearance.

The growth regulation response may not be evident until 7 to 10 days after application, and the period of growth regulation will extend 4 to 5 weeks after application. Additional applications may be repeated at 5 week application intervals.

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Note: Do not apply ER 721 to dormant turfgrass or before full green-up in the early spring. Do not apply ER 721 to turfgrass under conditions of severe environmental stress. Applications to turfgrass under stress from drought, insects, or disease may increase the potential for discoloration or injury. Avoid spray drift onto non-target foliage and onto food crops.

HOW TO USE:

ER 721 is ready-to-use and is applied directly from the container. Remove the cap from the container, invert the container, and hold the container at a sufficient height above the turf to form a spray band 4 inches in width.

To ensure the proper dosage rate and uniform spray coverage, it is essential that your walking speed during application matches the time guidelines presented for the turf grass species shown below.

For Kentucky bluegrass, perennial ryegrass and tall fescue: The recommended walking speed during application is 25 linear feet in 10 seconds. One gallon of ER 721 will treat up to 500 linear feet with a 4 inch band at this walking speed.

For zoysiagrass and St. Augustinegrass: The recommended walking speed during application is 25 linear feet in 10 seconds. One gallon of ER 721 will treat 500 linear feet in a 4 inch band at this walking speed.

RAINFALL and IRRIGATION:

Optimum results may not be obtained if rainfall or overhead irrigation occurs within 8 hours following application. If rain occurs within 8 hours, a reduction in control may occur. Treated areas can be irrigated 24 hours after application.

TURF COLOR:

Minor injury and slight discoloration may appear in the treated areas. However, turfgrass color will be restored and regrowth will occur within 4 to 5 weeks after application.

LIMITED WARRANTY AND DISCLAIMER.

The manufacturer warrants only that the chemical composition of this product conforms to the ingredient statement given on the label, and that the product is reasonably suited for the labeled use when applied according to the Directions for Use.

THE MANUFACTURER NEITHER MAKES NOR INTENDS ANY OTHER EXPRESS OR IMPLIED WARRANTIES, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, WHICH ARE EXPRESSLY DISCLAIMED. This limited warranty does not extend to the use of the product inconsistent with label instructions, warnings or cautions, or to use of the product under abnormal conditions such as drought, excessive rainfall, tornadoes, hurricanes, etc. These factors are beyond the control of the manufacturer or the seller. Any damages arising from a breach of the manufacturer's warranty shall be limited to direct damages, and shall not include indirect or consequential damages such as loss of profits or values, except as otherwise provided by law.

The terms of this Limited Warranty and Disclaimer cannot be varied by any written or verbal statements or agreements. No employee or agent of the seller is authorized to vary or exceed the terms of this Limited Warranty and Disclaimer in any manner.