

PM 23

2217-816

2/23/99

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U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (H7505C)
401 "M" St., S.W.
Washington, D.C. 20460

EPA Reg. Number:
2217-816

Date of Issuance:
FEB 23 1999

Term of Issuance:
Conditional

Name of Pesticide Product:
EH1346 HERBICIDE

NOTICE OF PESTICIDE:
 Registration
 Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

PBI/Gordon Corporation
P.O. Box 014090
Kansas City, Missouri 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 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. Make the following label changes:

- a. Revise the EPA Registration Number to read, "EPA Reg. No. 2217-816".
- b. Under the subheading entitled "HAZARDS TO HUMANS AND DOMESTIC ANIMALS," revise the precautionary statements in the first paragraph to read as the following:

"Danger: Corrosive. Causes irreversible eye damage. Do not get in eyes or clothing. Harmful if swallowed. Wash thoroughly with soap and water after handling. When mixing, loading, or applying this product, wear long-sleeved shirt, long pants, socks, shoes, rubber gloves, and eye protection (goggles, face shield, or safety glasses). It is recommended that safety glasses include front, brow, and temple protection."

Signature of Approving Official:

Date:

FEB 23 1999

M/HWARD

[Note: The Precautionary Statements are not required for a dermal or an inhalation route of exposure; however, you may include it at your own discretion. If you choose to do so, please refer to the Agency's Label Review Manual and use the statement for products classified in Toxicity Category III.]

- c. Under the heading entitled "Statement of Practical Treatment," revise the second sentence of the oral first aid statement to read as "Do not induce vomiting or give anything by mouth to an unconscious person."
- d. The Statement of Practical Treatment is not required for a dermal or an inhalation route of exposure; however, you may include it at your own discretion. If you choose to do so, please refer to the Agency's Label Review Manual and use the statement for products classified in Toxicity Category III.

3. Submit two (2) copies of the revised final printed label for the record.

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

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

Joanne I. Miller
Product Manger (23)
Herbicide Branch
Registration Division (7505C)

Enclosures

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EH1346 HERBICIDE

ACTIVE INGREDIENTS:

Dimethylamine salt of 2,4-dichlorophenoxyacetic acid.....	42.8%
Dimethylamine salt of 2-(2-methyl-4-chlorophenoxy)propionic acid.....	21.7%
Dimethylamine salt of dicamba (3,6-dichloro-o-anisic acid).....	3.6%
INERT INGREDIENTS:.....	<u>31.9%</u>
TOTAL	100.0%

THIS PRODUCT CONTAINS:

- 3.62 lbs. 2,4-dichlorophenoxyacetic acid equivalent per gallon or 35.7%
 - 1.81 lbs. 2-(2-methyl-4-chlorophenoxy) propionic acid equivalent per gallon or 17.9%
 - 0.30 lbs. 3,6-dichloro-o-anisic acid equivalent per gallon or 3.0%
- Isomer Specific by AOAC Methods

KEEP OUT OF REACH OF CHILDREN

DANGER

See side panel for Precautionary Statements and Statement of Practical Treatment.

NET CONTENTS: 2.5, 5, 15, 30, and 55 GALLONS

APXXXXXX

EPA File Symbol No. 2217-IRA

EPA EST. NO. 2217-KS-X

MANUFACTURED BY:



ACCEPTED
with COMMENTS
In EPA Letter Dated

FEB 23 1999

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
2217-816

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

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

DANGER: Corrosive. Causes irreversible eye damage. Do not get in eyes or on clothing. Harmful if swallowed, inhaled, or absorbed through skin. Avoid breathing spray mist. Avoid contact with skin. Wash thoroughly with soap and water after handling. When mixing, loading, or applying this product, wear long-sleeved shirt, long pants, socks, shoes, chemical resistant gloves, and eye protection. It is recommended that safety glasses include front, brow, and temple protection.

After using this product, rinse gloves before removing, remove clothing and launder separately before reuse, and promptly and thoroughly wash hands and exposed skin with soap and water. Remove saturated clothing as soon as possible and shower.

Engineering Control Statements:

Containers over 1 gallon and less than 5 gallons in capacity: Persons engaged in open pouring of this product must also wear coveralls or a chemical resistant apron.

Containers of 5 gallons or more in capacity: Do not open pour from this container. A mechanical system (probe and pump or spigot) must be used for transferring the contents of this container. If the contents of a nonrefillable pesticide container are emptied, the probe must be rinsed before removal.

Statement of Practical Treatment

IF IN EYES: Hold eyelids open and flush with a steady stream of water for at least 15 minutes. Get medical attention.

IF SWALLOWED: Call a doctor or get medical attention. Do not induce vomiting. Drink promptly a large quantity of milk, egg whites, gelatin solution, or if these are not available, drink large quantities of water. Avoid alcohol.

IF ON SKIN: Wash skin plenty of soap and water. Get medical attention.

IF INHALED: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

ENVIRONMENTAL HAZARDS:

This product is toxic to aquatic invertebrates. Drift or runoff may adversely affect aquatic invertebrates and nontarget plants. 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 when disposing of equipment washwater.

When cleaning equipment, do not pour the washwater on the ground; spray or drain over a large area away from wells and other water sources.

Most cases of groundwater contamination involving phenoxy herbicides such as 2,4-D and MCPP have been associated with mixing/loading and disposal sites. Caution should be exercised when handling 2,4-D and MCPP pesticides at such sites to prevent contamination of groundwater supplies. Use of closed systems for mixing or transferring this pesticide will reduce the probability of spills. Placement of the mixing/loading equipment on an impervious pad to contain spills will help prevent groundwater contamination.

DIRECTIONS FOR USE

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

Do not allow people (other than applicator) or pets on treatment area during application. Do not enter treatment area until spray has dried.

- SITES -

Not for use on turf being grown for sale or other commercial use as sod, or for commercial seed production, or for research purposes.

This product is intended to be applied by lawn care operators, maintenance applicators, and service technicians for use in ornamental turf established in institutional, ornamental, and residential/domestic sites. Institutional sites are defined as turf areas around properties or facilities providing a service to public or private organizations including, but not limited to hospitals, nursing homes, schools, museums, libraries, sport facilities, golf courses, and office buildings. Ornamental sites include turfgrass established around residences, parks, streets, retail outlets, cemeteries, industrial and institutional buildings. Finally, residential/domestic sites are defined as areas associated with the household or home life including, but not limited to apartment complexes, condominiums, and patient care areas of nursing homes, mental institutions, hospitals, or convalescent homes.

- APPLICATION SCHEDULES -

Apply this product to emerged broadleaf weeds that are actively growing. Sequential or follow-up applications may be required for dense infestations of perennial and biennial weeds. If required, the treatment interval between the first and second application should be 14 to 28 days.

- APPLICATION RATES -

Dosage rates and spray volume recommendations of this product are presented in Table 1.

Generally, the lower application rates within the specified range will provide satisfactory control of sensitive weed species. The higher application rates within the specified range will be required for dense infestations of perennial weeds, for adverse/extreme environmental conditions, or for weeds beyond the appropriate growth stages.

The maximum application rate to turf is 1.0 pound 2,4-D acid equivalent per acre per application per site. The maximum number of broadcast applications per treatment site is 2 per year.

Table 1. Rate Recommendations for Ornamental Turfgrass.

Species	Amount of Product		Spray Volume	
	Pints/Acre	Fl.oz./1000sq.ft.	Gallons/Acre	Gallons/1000sq.ft.
Cool Season Turf				
Kentucky Bluegrass	2.0 - 2.25	0.73 - 0.83	20 to 175	0.5 to 4.0
Perennial Ryegrass	2.0 - 2.25	0.73 - 0.83	20 to 175	0.5 to 4.0
Tall Fescue	2.0 - 2.25	0.73 - 0.83	20 to 175	0.5 to 4.0
Fine leaf Fescues Hard Fescues Sheeps Fescue Red Fescue (Chewings Fescue, Slender Creeping Fescue, Spreading Fescue)	2.0 - 2.25	0.73 - 0.83	20 to 175	0.5 to 4.0
Creeping Bentgrass	1.0 - 1.25	0.37 - 0.46	40 to 175	1.0 to 4.0
Warm Season Turf				
Common Bermudagrass	2.0 - 2.25	0.73 - 0.83	20 to 175	0.5 to 4.0
Hybrid Bermudagrass	1.5 - 1.75	0.55 - 0.64	20 to 175	0.5 to 4.0
Zoysiagrass	2.0 - 2.25	0.73 - 0.83	20 to 175	0.5 to 4.0
St. Augustinegrass	1.5 - 1.75	0.55 - 0.64	20 to 175	0.5 to 4.0

- WEED SPECTRUM -

This product controls a wide variety of problem weed species including the following:

- WEEDS -		
Bedstraw	Henbit	Purslane
Black medic	Knotweed	Ragweed
Buckhorn	Lambsquarters	Sheep sorrel
Burdock	Lespedeza	Shepherdspurse
Chicory	Mallow	Speedwell
Chickweed	Morningglory	Spurge
Clover	Peppergrass	Wild carrot
Dandelion	Pigweed	Wild garlic
Dock	Plantain	Wild lettuce
Ground ivy	Poison ivy	Wild onion
Healall	Poison oak	Yarrow

- USE PRECAUTIONS AND LIMITATIONS -

- ◆ Do not apply this product through any type of irrigation system.
- ◆ Avoid drift of spray mist to vegetables, flowers, ornamentals, shrubs, trees and other desirable plants. Do not pour spray solutions near these plants.
- ◆ Do not spray on carpetgrass, dichondra, nor on lawns or turf where desirable clovers are present.
- ◆ Coarse sprays are less likely to wind drift. Avoid fine mists. Do not spray exposed roots of ornamentals and trees.
- ◆ Do not apply to newly seeded grasses until well established.
- ◆ Do not broadcast apply when air temperatures exceed 85°F; some injury may be expected with spot treatments when air temperatures exceed 85°F.
- ◆ Seed can be sown 3 to 4 weeks after application at recommended rates.

STORAGE & DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

STORAGE: Store in original container in a locked storage area inaccessible to children or pets. Keep from freezing. Product may crystallize at low temperatures.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law and may contaminate groundwater. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL: For Metal Containers - Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or by other procedures approved by state and local authorities. For Plastic Containers - Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or if allowed by state and local authorities by burning. If burned stay out of smoke.

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.