

2217-803

10/23/2007

118



U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs
 Registration Division (7505P)
 1200 Pennsylvania Ave., N.W.
 Washington, D.C. 20460

EPA Reg. Number:

2217-803

Date of Issuance:

OCT 23, 2007

Term of Issuance:

Name of Pesticide Product:

EH 1180 Herbicide

NOTICE OF PESTICIDE:

Registration
 Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

PBI Gordon Corporation
 1217 West 12th Street
 Kansas City, MI 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.

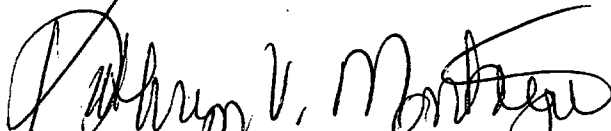
This product is reregistered in accordance with FIFRA section 4(g)(2)(C) provided you agree in writing to:

1. Change the order of the First Aid statements to "If In Eyes, If On Skin Or Clothing, If Swallowed, and If Inhaled".
2. To the Note to Physician add "Probable mucosal damage may contraindicate the use of gastric lavage".
3. Change the PPE to "Mixers, loaders, applicators, and other handlers must wear: Coveralls over short sleeved shirt and short pants, Chemical-resistant footwear plus socks, Chemical-resistant gloves, Protective eyewear (goggles, face shield, or safety glasses), Chemical-resistant apron for mixing and loading and cleaning equipment, and Chemical-resistant headgear for overhead exposure."
4. To the User Safety Requirements add "Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them."
5. To the Environmental Hazards section delete "This pesticide may be toxic to fish, aquatic invertebrates and aquatic plants."
6. To the label add a Non-Agricultural Use Requirements Box and the appropriate accompanying

language and "Do not enter or allow others to enter until sprays have dried."

- 7. On page 3 delete "intended" under the heading "Sites".
- 8. To the Warranty section change "the exclusive remedy" to "to the extent consistent with applicable law, the exclusive remedy" and "in no case shall" to "to the extent consistent with applicable law, in no case shall".

Signature of Approving Official:



Kathryn V. Montague, Acting Product Manager (23)
Herbicide Branch, Registration Division (7505P)

Date:

OCT 23 2007

EPA Form 8570-6

You will submit one copy of your final printed labeling before you release the product for shipment. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). If you have any questions please call Erik Kraft at 703-308-9358.

EH1180 HERBICIDE

3/8

ACTIVE INGREDIENTS:

MCPA, 2-ethylhexyl ester.....	26.83%
Mecoprop-p acid.....	3.44%
Dicamba acid.....	1.72%

INERT INGREDIENTS:.....	68.01%
TOTAL	100.00%

THIS PRODUCT CONTAINS:

- 1.40 lbs. 2-methyl-4-chlorophenoxyacetic acid equivalent per gallon or 17.20%.
- 0.28 lb. (+)-(R)-2-(2-methyl-4-chlorophenoxy) propionic acid equivalent per gallon or 3.44%
- 0.14 lb. 3,6-dichloro-o-anisic acid equivalent per gallon or 1.72%.

*CONTAINS PETROLEUM DISTILLATES.

KEEP OUT OF REACH OF CHILDREN

DANGER-PELIGRO

First Aid

If swallowed:	<ul style="list-style-type: none">• Call a poison control center or doctor immediately for treatment advice.• Do not induce vomiting unless told to by a poison control center or doctor.• Do not give any liquid to the person.• Do not give anything by mouth to an unconscious person.
If in eyes:	<ul style="list-style-type: none">• Hold eye open and rinse slowly and gently with water for 15 - 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.• Call a poison control center or doctor for treatment advice.
If on skin:	<ul style="list-style-type: none">• Take off contaminated clothing.• Rinse skin immediately with plenty of water for 15 - 20 minutes.• Call a poison control center or doctor for treatment advice.
If inhaled:	<ul style="list-style-type: none">• Move person to fresh air.• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.• Call a poison control center or doctor for treatment advice.
Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact 1-877-800-5556 for emergency medical treatment advice.	
NOTE TO PHYSICIAN: Contains petroleum distillates - vomiting may cause aspiration pneumonia.	

See side panels for additional Precautionary Statements.

NET CONTENTS (1, 2.5, 5, 15, 30, and 55 GALLONS)

AP-----

EPA Reg. No. 2217-803
EPA EST NO 2217-KS-X
MANUFACTURED BY



Telephone: 800-821-7925

ACCEPTED

with COMMENTS
In EPA Letter Dated:

OCT 23 2007

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

2217-803



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

4/8

PRECAUTIONARY STATEMENTS

Hazards to Humans & Domestic Animals

DANGER: Corrosive. Causes irreversible eye damage. Causes skin irritation. Harmful if swallowed or absorbed through skin. Do not get in eyes, on skin, or on clothing.

Personal Protective Equipment (PPE)

Some materials that are chemical-resistant to this product are barrier laminate or Viton. If you want more options, follow the instructions for category G on an EPA chemical-resistance category selection chart.

Mixers, loaders, applicators, and other handlers must wear:

- Long-sleeved shirt and long pants;
- Shoes plus socks, and
- Chemical-resistant gloves when mixing, loading, or using any hand-held equipment.

User Safety Requirements:

- Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

User Safety Recommendations:

- Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS:

This pesticide may be toxic to fish, aquatic invertebrates and aquatic plants. Do not apply directly to water, 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 or rinsate. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. Runoff of this product will be reduced by avoiding applications when rainfall is forecasted to occur within 48 hours.

This chemical has properties and characteristics associated with chemicals detected in groundwater. The use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.

DIRECTIONS FOR USE

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

General Precautions and Restrictions:

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application.

Do not reenter or permit workers to reenter treated areas until sprays have dried.

5/8

- SITES -

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

This product is intended to be applied by lawn care operators and landscape personnel for use in ornamental lawns and 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, and golf courses. Ornamental sites include turfgrass established around residences, parks, streets, retail outlets, cemeteries, 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.

EH1180 Herbicide provides selective broadleaf control in warm season and cool season turfgrass. Established turf of bermudagrass, bahiagrass, zoysiagrass, Kentucky bluegrass, perennial ryegrass, tall fescue, and turf-type tall fescues may be treated.

Do not spray on dichondra, carpetgrass, centipedegrass, St. Augustinegrass nor on lawns or turf where desirable clovers are present.

MIXING INSTRUCTIONS WITH WATER AS THE CARRIER

1. Fill the spray tank with $\frac{1}{2}$ to $\frac{3}{4}$ of the required amount of water and begin agitation. Sufficient agitation during mixing and application is essential.
2. Add EH1180 Herbicide into the spray tank and maintain continuous agitation.
3. Fill the spray tank to $\frac{3}{4}$ of the required amount of water. If tank mixtures are being prepared, add the companion product when the spray tank is approximately $\frac{3}{4}$ full.
4. Finally, add the balance of the required water volume and maintain agitation prior to and during the application.

SPRAY EQUIPMENT

Power sprayers and hand operated sprayers may be used for broadcast applications and spot treatments. Use power equipment equipped with a fixed boom or spray gun/wand. Hand operated sprayers including backpack sprayers, compression sprayers, and knapsack sprayers are appropriate for small turfgrass areas when power equipment is unavailable, uneconomical, or impractical.

SPRAY VOLUMES

Apply EH1180 Herbicide with sufficient water for good coverage. Spray volumes of 1 to 5 gallons per 1,000 square feet of turfgrass are recommended. Or, the equivalent spray volumes of 40 to 220 gallons per acre are suggested.

APPLICATION RATES

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.

For postemergent control apply 2.5 to 3.0 fluid ounces of EH1180 Herbicide per 1,000 square feet of turfgrass. Or, the equivalent dosage rate is 0.85 to 1.07 gallons of EH1180 Herbicide per acre.

Do not apply more than 1.5 lb. MCPA acid equivalent per acre per year or 8.6 pints of product per acre per year.

Do not make more than 2 applications per year with a minimum retreatment interval of 21 days.

6/8

TABLE 1. Recommended Dosage Rates of EH1180 Herbicide for broadcast treatments with postemergent applications.

Species	Amount of EH1180 Herbicide	
	Gallons/Acre	Fl. oz./1,000 sq.ft.
I. Cool Season Turf		
Kentucky Bluegrass	0.85 - 1.07	2.5 - 3.0
Perennial Ryegrass		
Tall Fescue		
Turf Type Tall Fescues		
Fine Fescues (Hard, Chewings, and Red Fescues)		
Mixtures of Species Listed Above.		
II. Warm Season Turf		
Common bermudagrass	0.85 - 1.07	2.5 - 3.0
Hybrid bermudagrass		
Bahiagrass		
Zoysiagrass		

USE PRECAUTIONS:

- ◆ Do not spray on dichondra, carpetgrass, St. Augustinegrass nor on lawns or turf where desirable clovers are present.
- ◆ Do not spray exposed roots of trees and ornamentals. Do not encircle or spray a complete band around the trunks of trees, shrubs, and other ornamentals established in the turfgrass.
- ◆ Application to grass emerging from dormancy may result in injury; do not apply to bermudagrass or zoysiagrass during this time, unless injury can be tolerated.
- ◆ Do not apply to newly seeded lawns until well established, or after two to three mowings.
- ◆ Low rates of this product may be used on newly sodded, sprigged or plugged lawns of hybrid bermudagrass and zoysiagrass. Treatments of newly established areas should be delayed until 3 to 4 weeks after the sodding, sprigging, or plugging operations. Use one-half of the recommended dosage rate per application.
- ◆ Treated areas of common bermudagrass, Kentucky bluegrass, perennial ryegrass, and the fescues may be reseeded 3 to 4 weeks after application.
- ◆ Do not use broadcast applications when air temperatures exceed 85°F.
- ◆ Do not apply this product through any type of irrigation system.
- ◆ After using this product, clean sprayer with [brand name] spray tank cleaner and water, and rinse thoroughly before applying other pesticides. If disposal of rinsates is to the site, then do not pour rinsates near vegetables, flowers, shrubs, trees, and other desirable plants.
- ◆ Failure to observe the above precautions may result in injury.

SPRAY DRIFT MANAGEMENT

Avoiding spray drift at the application site is the responsibility of the applicator. The interaction of many equipment- and weather-related factors determine the potential for spray drift. The applicator and the grower are responsible for considering all these factors when making decisions.

Apply only as a medium or coarser spray (ASAE standard 572) or a volume mean diameter of 300 microns or greater for spinning atomizer nozzles.

Apply only when the wind speed is 2-10 mph at the application site.

Additional requirements for ground boom application:

Do not apply with a nozzle height greater than 4 feet above the crop canopy.

7/8

- WEEDS CONTROLLED -		
Bedstraw	Henbit	Purslane
Black medic	Knotweed	Ragweed
Buckhorn	Lambsquarters	Sheep sorrel
Burdock	Lespedeza	Sheperdspurse
Chicory	Mallow	Speedwell
Chickweed	Morningglory	Spurge
Clover	Peppergrass	Wild carrot
Dandelion	Pigweed	Wild garlic
Dock	Plantains	Wild onion
Ground ivy	Poison ivy	Yarrow and other broadleaf
Healall	Poison oak	weeds in lawns and turf.

STORAGE & DISPOSAL

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

PESTICIDE STORAGE: Store in original container in a locked storage area inaccessible to children or pets.

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:

NONREFILLABLE CONTAINERS: Do not reuse or refill this container. Offer for recycling if available.

Container cleaning: Triple rinse or pressure rinse container (or equivalent) promptly after emptying.

For plastic container sizes less than 0.79 gal (3.0 liters or 3.2 quarts): Triple rinse (or equivalent). Offer for recycling if available 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.

Triple rinse instructions for nonrefillable containers with sizes greater than 0.79 gal (3.0 liters or 3.2 quarts) and less than 5 gallons:

Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

Triple rinse instructions for nonrefillable containers with sizes greater than 5 gallons and including 15, 30 and 55 gallons:

Triple rinse as follows: Empty remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times.

Pressure rinse instructions for nonrefillable containers with sizes greater than 1 gallon and including 2.5, 5, 15, 30 and 55 gallons:

Pressure rinse as follows: Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.

8/8

LIMITED WARRANTY AND DISCLAIMER.

IMPORTANT: Read this LIMITED WARRANTY AND DISCLAIMER before buying or using this product. By opening and using this product, buyer and all users agree to accept the terms of this LIMITED WARRANTY AND DISCLAIMER in their entirety and without exception. If the terms are not acceptable, return this product unopened immediately to the point of purchase, and the purchase price will be refunded in full.

It is impossible to eliminate all risks inherently associated with use of this product. Damage to the treated article, ineffectiveness, or other unintended consequences can result from use of the product under abnormal conditions such as weather, presence of other materials, or the manner of use or application, etc. Such factors and conditions are beyond the control of the manufacturer, and **BY PURCHASING AND USING THIS PRODUCT THE BUYER AND ALL USERS OF THIS PRODUCT AGREE TO ACCEPT ALL SUCH RISKS.** Buyer and all users further agree to assume all risks of loss or damage from the use of the product in any manner that is not explicitly set forth in or that is inconsistent with label instructions, warnings and cautions.

The manufacturer warrants only that this product conforms to the chemical description given on the label, and that the product is reasonably suited for the labeled use when applied according to the Directions for Use, subject to the inherent risks described below. **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 HEREBY EXPRESSLY DISCLAIMED.**

THE EXCLUSIVE REMEDY OF BUYER AND ALL USERS OF THIS PRODUCT, AND THE EXCLUSIVE LIABILITY OF THE MANUFACTURER, FOR ANY AND ALL LOSSES, DAMAGES, OR INJURIES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER OR NOT BASED IN CONTRACT, NEGLIGENCE, STRICT LIABILITY IN TORT OR OTHERWISE, SHALL BE LIMITED, AT THE MANUFACTURER'S OPTION, TO REPLACEMENT OF OR THE REPAYMENT OF THE PURCHASE PRICE FOR THE QUANTITY OF PRODUCT WITH RESPECT TO WHICH DAMAGES ARE CLAIMED. IN NO CASE SHALL THE MANUFACTURER BE LIABLE FOR INCIDENTAL, CONSEQUENTIAL, OR SPECIAL DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT. The Manufacturer must be promptly notified in writing of any claims, whether based in contract, tort, negligence, strict liability, or otherwise, to be eligible to receive either remedy stated above.

The terms of this LIMITED WARRANTY AND DISCLAIMER cannot be varied by any written or verbal statements or agreements at the point of sale or elsewhere. No employee or agent of the manufacturer or seller is authorized to vary or exceed the terms of this Limited Warranty and Disclaimer in any manner.