



U.S. ENVIRONMENTAL PROTECTION AGENCY

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

NOTICE OF PESTICIDE:

Registration
 Reregistration

(under FIFRA, as amended)

EPA Reg. Number:

2217-797

Date of Issuance:

1-2-08

Term of Issuance:

Name of Pesticide Product:

EH 1143 Herbicide

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.

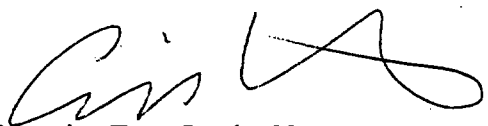
Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of 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. To the PPE delete "when mixing, loading, or using any hand-held equipment" from the chemical resistant glove statement.
2. To the label add "Aerial Application is Prohibited".
3. Add "exist" after "washables" on page 2 of the label.
4. To the label add "SPRAY DRIFT MANAGEMENT Directions for Use 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."
5. To all uses add "Do not apply more than 1.5 lb ai of MCPA / acre per year (registrant state this in amount of formulation per acre per year). Do not apply more than 2 applications per year with a minimum retreatment interval of 21 days."
6. To the Warranty section add "To the extent consistent with applicable law" in front of "Buyer and all users", "The manufacturer neither", and "The exclusive remedy" and change "to the extent permitted by law" to "to the extent consistent with applicable law".

C. V. 1-2-08

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<p>Signature of Approving Official:</p>  <p>Erik Kraft, Acting Team Leader 23 Herbicide Branch, Registration Division (7505P)</p>	<p>Date:</p> <p>1-2-08</p>
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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.

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EH 1143 HERBICIDE

USE THIS PRODUCT ONLY IN ACCORDANCE WITH ITS LABELING AND WITH THE WORKER PROTECTION STANDARD 40 CFR PART 170.

ACTIVE INGREDIENTS:

Monosodium acid methanearsonate.....	18.70%
Dimethylamine salt of 2-methyl-4-chlorophenoxyacetic acid.....	6.21%
Dimethylamine salt of (+)-(R)-2-(2-methyl-4-chlorophenoxy)propionic acid	3.09%
Dimethylamine salt of dicamba: 3,6-dichloro-o-anisic acid	1.48%

INERT INGREDIENTS:	70.52%
TOTAL	100.00%

THIS PRODUCT CONTAINS:

- 1.86 lbs. monosodium methanearsonate per gallon or 18.70%. Total Arsenic (as elemental) all in water soluble form 8.66%.
- 0.51 lb. 2-methyl-4-chlorophenoxyacetic acid or 5.09%.
- 0.26 lb. (+)-(R)-2-(2-methyl-4-chlorophenoxy) propionic acid equivalent per gallon or 2.55%
- 0.12 lb. 3,6-dichloro-o-anisic acid equivalent per gallon or 1.23%.

KEEP OUT OF REACH OF CHILDREN

WARNING- AVISO

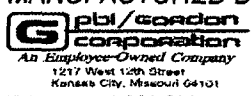
Si Usted no entiende la etiqueta, busque a alguien para que se la explique a Usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

See side panels for additional Precautionary Statements and First Aid.

Keep From Freezing - Shake Well Before Using

NET CONTENTS: ONE GALLON (3.785 LITERS)

APxxxxxx
 EPA Reg. No. 2217-797
 EPA Est. No. 2217-KS-1
MANUFACTURED BY:



Telephone: 1-800-821-7925

ACCEPTED
 with COMMENTS
 in EPA Letter Dated

1-2-08

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

2217-797

4 8 10



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

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

WARNING: May be fatal if absorbed through skin. Causes substantial but temporary eye injury. Harmful if swallowed. Do not get into eyes, on skin or on clothing.

Personal Protective Equipment (PPE):

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

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

- Coveralls over short-sleeved shirt and short pants,
- Chemical resistant gloves (barrier laminate) when mixing, loading, or using any hand-held equipment,
- Protective eyewear (face shield or goggles),
- Chemical resistant apron (when mixing and loading or cleaning equipment) and
- Chemical-resistant footwear plus socks.

User Safety Requirements:

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

Engineering Control Statements:

Containers over 1 gallon and less than 5 gallons: Mixers and loaders who do not use a mechanical system (probe and pump) to transfer the contents of this container must wear coveralls or a chemical-resistant apron in addition to the other required PPE.

Containers of 5 or more gallons: Do not open-pour product from this container. A mechanical system (such as a probe and pump or spigot) must be used for transferring the contents of this container. If the contents of a non-refillable pesticide container are emptied, the probe must be rinsed before removal. If the mechanical system is used in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4)], the handler PPE requirements may be reduced or modified as specified in the WPS.

When handlers use closed systems or enclosed cabs in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

User Safety Recommendations:

Users should:

- ◆ Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- ◆ Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- ◆ 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.

First Aid

If on skin or clothing:	<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 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 swallowed	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by the poison control center or doctor. • Do not give anything by mouth to an unconscious person.
<p>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.</p>	

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. 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. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170.

This standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard. The requirements in this box apply to use on sodfarms and ornamental plants grown for sale.

Do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 48 hours. For early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, wear:

- Coveralls over short-sleeved shirt and short pants,
- Chemical resistant gloves (barrier laminate),
- Protective eyewear (face shield or goggles),
- Chemical resistant apron (when mixing and loading or cleaning equipment) and
- Chemical-resistant footwear plus socks.

Non-Agricultural Use Requirements

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The requirements in this box apply to all uses on this label except for use on sodfarms and ornamental plants grown for sale. The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

Reentry Statement: Do not reenter or permit workers to reenter treated area until sprays have dried.

STORAGE & DISPOSAL

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

PESTICIDE STORAGE: Store in original container in a locked storage area. Keep from freezing.

PESTICIDE DISPOSAL: Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. 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:

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.

SITES AND TURFGRASS:

EH 1143 Herbicide is for application by lawn care operators and landscape personnel for use in ornamental lawns and turf established in institutional, ornamental, residential and agricultural 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.
- *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.
- *Agricultural site:* Commercial sod production.

EH 1143 Herbicide provides selective broadleaf control in warm season and cool season turfgrass. Established turf of bermudagrass, zoysiagrass, Kentucky bluegrass, perennial ryegrass, tall fescue, and turf-type tall fescues may be treated.

Do not use on St. Augustinegrass, bentgrass, carpetgrass, centipedegrass, red fescues, dichondra, nor on lawns or turf where desirable clovers are present.

TIMING:

Apply to emerged grass and broadleaf weeds that are actively growing. Adverse environmental conditions prior or after application may reduce the effectiveness or increase the risk of turfgrass phytotoxicity.

Weed control is best achieved when temperatures are above 70°F. However, **Do Not** apply this product to Kentucky bluegrass and stated cool season turfgrass when air temperatures exceed 80°F nor when drought conditions exist. **Do Not** apply this product to bermudagrass and zoysiagrass when air temperatures exceed 90°F nor when drought conditions exist. Schedule the application to match the conditions of adequate soil moisture and the suggested air temperatures. Temporary discoloration may occur and high spray volumes may reduce the turf discoloration. If turf is showing stress due to high temperatures and/or drought, irrigation is recommended 2 to 3 days after treatment.

Spring applications are suggested for newly emerged crabgrass and for broadleaf weed control. Summer applications can be made to more mature crabgrass and to broadleaf weeds.

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 10 to 14 days.

SPRAY VOLUMES:

Apply EH 1143 Herbicide with sufficient water for good coverage. Spray volumes of 1¼ to 5 gallons per 1,000 square feet of turfgrass are recommended. Or, the equivalent spray volumes of 75 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.

Single Application Program:

For postemergence control apply 3.0 to 5.0 fluid ounces of EH 1143 Herbicide per 1,000 square feet of turfgrass. Or the equivalent dosage rate is 1.0 to 1.7 gallons of EH 1143 Herbicide per acre.

Sequential or Split Application Programs:

As an alternative to single application programs, EH 1143 Herbicide may be applied as a sequential treatment. This program is recommended for hybrid bermudagrass established on greens and aprons and for common bermudagrass maintained under intensive management. Also, sequential applications are desirable to reduce the turfgrass injury and to provide improved control of perennial weeds.

For postemergence control with sequential applications, apply 3.0 fluid ounces of EH 1143 Herbicide per 1,000 square feet per application. Or the equivalent dosage rate is 1.0 gallon of EH 1143 Herbicide per acre per application. The second application should be made at 10 to 14 days after the initial application.

TABLE 1. Application schedules, rates, and intervals for cool season and warm season turfgrass.

Turfgrass	Application Schedule	Application Rates		Application Interval, Days
		fl.ozs./1,000 sq.ft.	gallons per acre	
Kentucky Bluegrass, Perennial ryegrass, Tall fescue, and Turf-type tall fescues	Single	3.0 to 5.0	1.0 to 1.7	-----
	Sequential	3.0	1.0	10 to 14
Common bermudagrass and zoysiagrass	Single	3.0 to 5.0	1.0 to 1.7	-----
	Sequential	3.0	1.0	10 to 14
Hybrid bermudagrass	Single	3.0	1.0	-----
	Sequential	2.5 to 3.0	0.85 to 1.0	10 to 14

SPOT TREATMENTS:

Spot Treatments For Established Bermudagrass, Zoysiagrass, Kentucky Bluegrass, Perennial Ryegrass, Tall Fescue, and Turf-Type Tall Fescues: Mix 3 fluid ounces of EH 1143 Herbicide in 3 gallons of water for treatment of 1,000 square feet of turf. Spray the target weeds only and wet the entire leaf surface. Withhold sprinkling or irrigation for 24 hours after application. Two or more repeat applications at 10 to 14 day intervals may be required. Temporary discoloration of the turfgrass may occur.

APPLICATION SUGGESTIONS:

1. Delay mowing 3 to 4 days before and after the application of this product.
2. Do not apply this product immediately before rainfall or irrigation. Also, rainfall or irrigation within 24 hours after application may reduce the effectiveness. Do not irrigate or water the turfgrass within 24 hours after application.
3. Treated areas of common bermudagrass, Kentucky bluegrass, perennial ryegrass, and the fescues may be reseeded 3 to 4 weeks after application.
4. 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.

WEED SPECTRUM:

EH 1143 Herbicide controls a wide variety of problem weed species including crabgrass, dallisgrass, nutsedge, spurge and dandelion.

Aster	Healall	Poison oak
Bedstraw	Henbit	Purslane
Black medic	Knotweed	Ragweed
Burdock	Lambsquarters	Sandbur
Chicory	Lespedeza	Sheep sorrel
Chickweed	Mallows	Shepherdspurse
Clovers	Morningglory	Speedwell
Crabgrass	Nutsedge	Spurge
Dallisgrass	Peppergrass	Wild carrot
Dandelion	Pigweed	Wild garlic
Docks	Plantain	Wild lettuce
Goosegrass	Poison ivy	Yarrow
Ground ivy		

USE PRECAUTIONS:

1. Do not apply more than 5 fl. oz./1,000 sq. ft. per application.
2. Do not apply more than 3 fl. oz./1,000 sq. ft. for sequential/split application, and do not make more than 2 sequential applications per year.
3. **For Sod Farms and Golf Courses:** Do not make more than 2 applications per year with a minimum retreatment interval of 21 days. Do not apply more than 6 fl. oz. of product per 1,000 sq. ft. per year.
4. Do not apply this product through any type of irrigation system.
5. Avoid drift of spray mist onto vegetables, flowers, ornamental plants, shrubs, trees and other desirable plants. Do not pour spray solutions near these plants.
6. Do not use a hose end sprayer.
7. Coarse sprays are less likely to drift. Avoid fine mists. Do not spray roots of trees and ornamentals. Do not exceed specified dosages for any area; be particularly careful within the dripline of trees or other ornamental species.
8. Do not use on St. Augustinegrass, bentgrass, carpetgrass, centipedegrass, red fescues, dichondra, nor on lawns or turf where desirable clovers are present.
9. Do not spray while grass is emerging from dormancy.
10. After using this product, clean sprayer with tank cleaner and rinse thoroughly with water before applying other pesticides.

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, TO THE EXTENT PERMITTED BY LAW, 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. TO THE EXTENT PERMITTED BY LAW, IN NO CASE SHALL THE MANUFACTURER BE LIABLE FOR INCIDENTAL, CONSEQUENTIAL, OR SPECIAL DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.

To the extent permitted by law, 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.