

2217-929

10-20-2009

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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:

Date of Issuance:

2217-929

10-20-09

Term of Issuance:

Conditional

Name of Pesticide Product:

EH-1472 Herbicide

Name and Address of Registrant (include ZIP Code):

PBI Gordon Corporation  
1217 West 12<sup>th</sup> Street  
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 provided you agree in writing to:

1. Submit the following outstanding product chemistry data requirement: one year storage stability and corrosion characteristics study, within one year from the date of this letter.

Signature of Approving Official:

James Tompkins, Product Manager (25)  
Herbicide Branch, Registration Division (7505P)

Date:

10-20-09

2. Delete "Professional" from the Product Name.
3. Delete "General" from "General Application Restrictions" and "General Information" change this to "Use Information".
4. To the warranty section add "to the extent consistent with applicable law" in front of "in no case shall".
5. 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."
6. To the label add "Do not apply by air".

A stamped copy of the label is enclosed for your records. You must submit one copy of the final printed label 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. Your release for shipment of the product constitutes acceptance of these conditions. If you have any questions please contact Erik Kraft at 703-308-9358 or [kraft.erik@epa.gov](mailto:kraft.erik@epa.gov).

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# EH-1472 PROFESSIONAL

## EPA Reg. No. 2217-YYY

### ACTIVE INGREDIENT:

Imazapyr, isopropylamine salt .....	0.266%
Glyphosate, isopropylamine salt .....	0.583%

INERT INGREDIENTS: .....	99.151%
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TOTAL .....	100.000%
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### THIS PRODUCT CONTAINS:

0.018 lb Imazapyr (2-[4,5-dihydro-4-methyl-4-(1-methylethyl)-5-oxo-1H-imidazol-2-yl]-3-pyridinecarboxylic acid) acid equivalent per gallon or 0.217

0.036 lb Glyphosate (N-(phosphonomethyl)glycine) acid equivalent per gallon or 0.433%

**KEEP OUT OF REACH OF CHILDREN**

## CAUTION

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

**ACCEPTED  
with COMMENTS  
In EPA Letter Dated:**  
10.20.09  
Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under EPA Reg. No.

2217-929

## PRECAUTIONARY STATEMENTS

### Hazards to Humans & Domestic Animals

**CAUTION:** Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.

### Personal Protective Equipment (PPE)

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

All mixers, loaders, applicators and other handlers must wear:

- long-sleeved shirt and long pants,
- shoes and socks,
- chemical-resistant gloves for all mixers and loaders, plus applicators using handheld 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.



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<b>First Aid</b>	
<b>If in eyes:</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15 - 20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
Have the product container or label with you when calling a poison control center or doctor or going for treatment. For additional information in case of emergency, call toll free 1-877-800-5556.	

**Environmental Hazards**

This product is toxic to plants. Drift and run-off may be hazardous to plants in water adjacent to treated areas. 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 wash waters or rinsate. See Directions for Use for additional precautions and requirements.

**DIRECTIONS FOR USE**

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

**General Application Restrictions**

- Do not enter or allow others to enter treated areas until sprays have dried.
- 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 use on feed or food crops.

**General Information [What It Does]**

[Product Name] is a nonselective herbicide which kills most annual and perennial grasses, broadleaf weeds, vines, brush, and trees. The product is absorbed through leaves, stems, and roots and moves throughout the plant. Treated plants stop growing soon after application. [Product name] will also provide residual control for up to 12 months in the treated area. Heavy rainfall will reduce the length of residual control. Heavy clay soils may increase the length of residual control.

**Use Sites [Where To Use]**

[Product name] may be used to control weeds in: [In fencerows, hedgerows, agricultural uncultivated areas, shelter belts, farm yards, and farm premises. Around domestic dwellings, outdoor buildings, structures and shelters such as beef barns, hog barns, dairy barns, stables, dog kennels and poultry houses. Along fences of paddocks, corrals, feedlots, and livestock holding areas. For the establishment and maintenance of wildlife openings. In roadways, roadsides, airports, landing fields, industrial sites, storage yards, lumber yards, tank farms, pumping installations, fuel tanks, pipelines, non-agricultural uncultivated areas or soils, paved areas (including crack and crevice), curbs, sidewalks, driveways, parking areas, brick walks, gravel paths, paths, patios, and vacant lots, urban areas, cemeteries, recreational areas, play areas, and tennis courts. Along fences.]

**IMPORTANT:** Use only in areas where you want to 1) kill all existing vegetation and 2) suppress regrowth for up to 12 months. Do not use in gardens, flower beds or in areas intended to be seeded or planted within 12 months. Newly planted trees, shrubs and flowers are especially sensitive. This product is not intended for treating aquatic plants. In lawns, do not use for individual weed control.

[If you **do not** desire to suppress regrowth, use a product which only contains glyphosate [such as product name] instead.

**[Application Directions]**

**For Total Vegetation Control (Including Bareground Treatment)**

Use hand-operated spray equipment such as backpack sprayers, pump-up sprayers, or sprinkling can. Apply product undiluted. Weeds should be growing vigorously at the time of application for maximum herbicide activity.

**For Broadcast Treatments:** Uniformly spray the area where bareground is desired. 1 gallon of product will cover 1200 sq.ft. [or equivalent rate expressed as: XXX gal/fl.oz. of product will cover YYY sq.ft.] [To Reviewer: The rate is equal to 0.65 lb imazapyr ae/A, 1.30 lb glyphosate ae/A.]

**For Spot Treatments:** Spray the foliage of clumps of weeds. Apply no more than 1 gallon of product per 1200 sq.ft. [or equivalent rate expressed as: Apply no more than XXX gal/fl.oz. of product per YYY sq.ft.] [0.65 lb imazapyr ae/A, 1.30 lb glyphosate ae/A]. One (1) spot treatment may be used after a broadcast treatment to control weed escapes. One gallon of product will treat 2400 linear feet of fence line with a 6-inch band width. [or equivalent rate expressed as: XXX linear feet of fence line with a YY-inch band width.]

**For Brush Control**

Use hand-operated spray equipment such as backpack sprayers or pump-up sprayers. Apply product undiluted. Uniformly spray the foliage of woody weeds. Excessive wetting of foliage is not recommended. Weeds should be growing vigorously at the time of application for maximum herbicide activity.

The maximum number of applications is 1 broadcast and 1 spot treatment per year OR 2 spot treatments per year OR 1 brush control application per year. The maximum annual rate is 2 gallons per 1,200 sq.ft. per year [1.31 lb imazapyr ae/A/yr, 2.61 lb glyphosate ae/A/yr].

**Equipment Cleanup:** Thoroughly flush application equipment with water after using this product. Do not flush equipment near desirable plants or their root zones.

**For All Application Types: Avoiding Injury to Non-Target Plants**

Movement of the product from the target plant or site may injure non-target plants. Follow these precautions to manage off-target movement.

1. **Runoff:** Do not over apply causing runoff from the treated foliage. Do not apply to slopes.
2. **Spray Drift:** Spray drift from applying this product may result in damage to sensitive plants adjacent to the treatment area. Avoiding spray drift is the responsibility of the applicator.
  - Applicators are required to use a nozzle height below 4 feet above the ground or plant canopy and Coarse or coarser droplet size (ASABE S572) or, if specifically using a spinning atomizer nozzle, applicators are required to use a volume mean diameter (VMD) of 385 microns or greater.
  - Applications with wind speeds greater than 10 mph are prohibited.
  - Applications into temperature inversions are prohibited.
3. **Roots of Trees and Shrubs:** Untreated plants can be affected by root uptake. Do not use over the root zone of desirable trees and shrubs. Roots extend beyond the drip line and can extend under fences, driveways, patios, sidewalks, paths, and similar landscape elements.
4. **Movement of Treated Soil:** Do not treat powdery, dry or light sandy soils when the soil may be blown by wind. If necessary soil surface should be settled by rain or irrigation.

**Weeds Controlled**

[Product name] will control or suppress most grasses, broadleaf weeds, woody brush, vines, and trees. The degree of control and residual varies by plant species. [List of weeds controlled:]

[Optional weed list table. Some or all may be included on retail container label.]

<b>GRASSES</b>			
Annual bluegrass	Crowfootgrass	Itchgrass	Sandbur
Bahiagrass	Dallisgrass	Johnsongrass	Smooth brome
Barnyardgrass	Downy brome	Kentucky bluegrass	Timothy
Beardgrass	Fall panicum	Lovegrass	Torpedograss
Bermudagrass	Feathertop	Orchardgrass	Vaseygrass
Big bluestem	Fescue	<i>Panicum</i> spp.	Wild barley
Broadleaf signalgrass	Foxtail	Prairie cordgrass	Wild oats
Canada bluegrass	Giant reed	Prairie threeawn	Wirestem muhly
Cheat	Goosegrass	Quackgrass	Witchgrass
Cogongrass	Guineagrass	Reed canarygrass	Woolly cupgrass
Crabgrass	Italian ryegrass	Sand dropseed	

<b>BROADLEAF WEEDS</b>			
Arrowwood	Dogfennel	Mullein	Smartweed
Broom snakeweed	Fiddleneck	Nettleleaf goosefoot	Sorrell
Bull thistle	Filaree	Oxeye daisy	Sowthistle
Burclover	Fleabane	Pepperweed	Spurge, annual
Burdock	Giant ragweed	Pigweed	Stinging nettle
Camphorweed	Goldenrod	Plantain	Sunflower
Canada thistle	Gray rabbitbrush	Pokeweed	Sweet clover
Carolina geranium	Henbit	Primrose	Tansymustard
Carpetweed	Hoary vervain	Puncturevine	Texas thistle
Chickweed, mouseear	Horseweed	Purple loosestrife	Velvetleaf
Clover	Indian mustard	Purslane	Western ragweed
Cocklebur	Japanese bamboo/knotweed	Pusley, Florida	Wild carrot
Common chickweed	Knotweed, prostrate	Rocket, London	Wild lettuce
Common ragweed	Kochia	Rush skeletonweed	Wild parsnip
Cudweed	Lambsquarters	Russian knapweed	Wild turnip
Dandelion	Little mallow	Russian thistle	Woollyleaf bursage
Desert camelthorn	Milkweed	Saltbush	Yellow starthistle
Diffuse knapweed	Miner's lettuce	Shepherdspurse	Yellow woodsorrel
Dock		Silverleaf nightshade	

<b>VINES</b>			
Field bindweed	Poison ivy	Virginia creeper	Wild rose (Including: Multiflora and Macartney rose)
Hedge bindweed	Redvine	Wild buckwheat	
Honeysuckle	Trumpetcreeper	Wild grape	
Morningglory			

<b>WOODY BRUSH AND TREES</b>			
Alder	Chinaberry	Madrone	Sassafras
American beech	Chinese tallow-tree	Maple	Sourwood
Ash	Chinquapin	Melaleuca	Sumac
Aspen	Cottonwood	Mulberry	Sweetgum
Autumn olive	Cypress	Oak	Sycamore
Bald cypress	Dogwood	Persimmon	Tanoak
Bigleaf maple	Eucalyptus	Poison oak	Titi
Birch	Hawthorn	Popcorn-tree	Tree of heaven
Black oak	Hickory	Poplar	<i>Vaccinium</i> spp.
Blackgum	Huckleberry	Privet	(Including: Blueberry and Sparkleberry)
Boxelder	<i>Lyonia</i> spp. (Including: Fetterbush and Staggerbush)	Red alder	Willow
Brazilian peppertree		Red maple	Yellow-poplar
Ceanothis		Saltcedar	
Cherry			

End optional weed list table.]

**STORAGE AND 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:** Wastes resulting from the use of this product that cannot be used or chemically reprocessed should be disposed of in a landfill approved for pesticide disposal or in accordance with applicable federal, state, or local procedures.

**CONTAINER HANDLING:** Nonrefillable container: Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Then offer for recycling, if available 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**

FOR USE ONLY AS DIRECTED. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE MANUFACTURER NEITHER MAKES NOR INTENDS ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, WHICH ARE HEREBY EXPRESSLY DISCLAIMED. IN NO CASE SHALL THE MANUFACTURER BE LIABLE FOR INCIDENTAL, CONSEQUENTIAL, OR SPECIAL DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT. If these terms are not acceptable, return this product unopened immediately to the point of purchase, and the purchase price will be refunded in full. The terms of this LIMITED WARRANTY STATEMENT cannot be varied by any written or verbal statements or agreements at the point of sale or elsewhere.

**APPENDIX**

**1. Statements which may appear on different label components depending on packaging configuration.**

- See next panel for additional Precautionary Statements and First Aid
- Net Contents: \_\_\_\_\_
- EPA Est. No. \_\_\_\_\_

**2. Advertising claims that may be presented on container labeling, advertisements, brochures, and other marketing/sales promotional materials:**

- Offers long-term weed control in places where no growth is wanted
- Kills [Controls] [unwanted] [weeds], [brush], [plants], and [grasses]
- Prevents weeds and vegetative growth for up to 1 year.
- Apply only where no vegetation growth is wanted for up to 1 year.
- Kills [Controls] all vegetation
- XX [fl.oz./gallons] of product treats up to YYYY sq.ft

**DOCUMENT CONTROL INFORMATION**

1. Unique Label Identifier: 002217-00YYY.20090507.new-proposed.doc

2. Reason for Issue: New product