



U.S. ENVIRONMENTAL PROTECTION AGENCY

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

EPA Reg. Number:

2217-1054

Date of Issuance:

4/1/20

NOTICE OF PESTICIDE:

Registration
 Reregistration
(under FIFRA, as amended)

Term of Issuance:

Unconditional

Name of Pesticide Product:

EH-1641 Herbicide

Name and Address of Registrant (include ZIP Code):

PBI/Gordon Corporation
P.O. Box 860350
Shawnee, KS 66286

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 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 unconditionally registered in accordance with FIFRA section 3(c)(5) provided that you:

1. Submit and/or cite all data required for registration/reregistration/registration review of your product when the Agency requires all registrants of similar products to submit such data.
2. The data requirements for storage stability and corrosion characteristics (Guidelines 830.6317 and 830.6320) are not satisfied. A one year or a two week accelerated study is required to satisfy these data requirements. You have 18 months from the date of registration to provide these data.

Signature of Approving Official:

Emily Schmid, Product Manager 25
Herbicide Branch, Registration Division (7505P)

Date:

4/1/20

3. Make the following label changes before you release the product for shipment:
 - Revise the EPA Registration Number to read, “EPA Reg. No. 2217-1054.”
4. Submit one copy of the revised final printed label for the record before you release the product for shipment.

Should you wish to add/retain a reference to the company’s website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product’s label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA’s Office of Enforcement and Compliance.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records. Please also note that the record for this product currently contains the following CSFs:

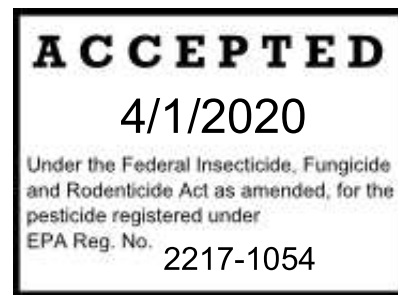
- Basic CSF dated 07/12/2019
- Alternate CSF 1 dated 07/12/2019
- Alternate CSF 2 dated 07/12/2019

If you have any questions, please contact Lydia Crawford by phone at 703-347-0622, or via email at Crawford.Lydia@epa.gov.

Enclosure

EH-1641 HERBICIDE

EPA Reg. No. 2217-XXXX



Alternate Brand Name: Barrier Year-Long Vegetation Killer Ready-To-Use

ACTIVE INGREDIENTS:

Imazapyr, isopropylamine salt	0.083%
Glyphosate, isopropylamine salt	0.184%
OTHER INGREDIENTS:	99.733%
TOTAL	100.000%

THIS PRODUCT CONTAINS:

- 0.0057 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 0.068%
- 0.0110 lb Glyphosate (N-(phosphonomethyl)glycine) acid equivalent per gallon or 0.135%

KEEP OUT OF REACH OF CHILDREN

CAUTION

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

See attached booklet [inside pages] for complete Precautionary Statements and Directions for Use, including First Aid and Storage and Disposal.

Net Contents: ____
EPA Est. No. ____

Company Name and Address:
PBI/Gordon Corporation
P.O. Box 860350
Shawnee, Kansas 66286



PRECAUTIONARY STATEMENTS

Hazards to Humans & Domestic Animals

CAUTION: Causes moderate eye irritation. Avoid contact with eyes or clothing. Wear long-sleeved shirt and long pants, socks, and shoes. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.

First Aid	
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.
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.

Physical or Chemical Hazards Statement

Combustible. Do not use or store near heat or open flame.

DIRECTIONS FOR USE

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

1. Product Description [What It Does]

EH-1641 HERBICIDE is a ready-to-use, non-selective herbicide that kills listed annual and perennial grasses, broadleaf weeds, vines, brush, and trees. Formulated with two active ingredients for lasting, broad-spectrum control, the product quickly kills listed plants, with residual control lasts for up to 12 months.

EH-1641 HERBICIDE is systemic: it is absorbed through leaves, stems and roots, and moves throughout the plant, killing it down to the root. Heavy rainfall will reduce the length of residual control. Heavy clay soils may increase the length of residual control.

2. Use 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.

3. Use Sites [Where To Use]

EH-1641 HERBICIDE may be used to control weeds in: cracks in paved areas, curbs, sidewalks, driveways, patios, parking areas, and brick walks. Recreational areas and play areas. Along fences, foundations, retaining walls, edges of lawns, as well as on decorative rock or gravel areas. Around domestic (residential) dwellings, residential storage areas, residential buildings, structures and shelters including stables, and dog kennels.

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. Do not use for treatment of 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 Gordon's Pronto Big N' Tuf 41% Glyphosate Weed & Grass Killer or Big N' Tuf Weed & Grass Killer or instead.]

4. Application Directions For Total Vegetation Control

Apply product undiluted through the sprayer that comes with the product package. Weeds should be growing vigorously at the time of application for maximum herbicide activity.

For Spot Treatments: Spray the foliage of clumps of weeds. Spray until leaves are wet. Apply no more than 1.33 gal of product per 450 sq.ft. [or equivalent rate expressed as: [Apply no more than XXX gal/fl.oz. of product per YYY sq.ft.] One 1.33 gal container will treat 900 linear feet of fence line with a 6-inch band. [or equivalent rate expressed as: XXX linear feet of fence line with a YY-inch band width.]

The maximum number of applications is 2 spot treatments per year. The maximum annual rate is 2.66 gal per 450 sq.ft. per year.

5. Sprayer Instructions

Battery-Operated Trigger Sprayer:

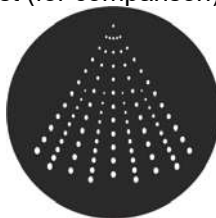
1. Remove wand from side clip.
2. Pull connector by slightly twisting from holder and unwrap hose completely.
3. Loosen screws of battery cover.
4. Remove the insulation strip.
5. Tighten screws again.
6. Remove cover from cap and insert plug end of hose into knob opening on cap until it clicks.
7. Flip open wand until it clicks and locks into position. Extend wand fully.
8. Slide trigger lock on wand handle to the unlocked position.
9. Twist nozzle toward STREAM until heavy (coarse) droplets are delivered.

[Optional graphics depicting droplet size]

Heavy Droplets



Fine mist (for comparison)



How to use the battery operated sprayer:

1. Point nozzle away from body and hold trigger for continuous spray.
2. Hold tip of wand approximately 12-18 inches away from the target weed and spray to wet.
3. Release the trigger to stop spray.

Important Use Information: Do not submerge in water. When storing sprayers for long periods, remove batteries.

[6. How to Refill

[Option 1] [For Ready-To-Use Containers with Applicators Intended to be Reused/Refilled

To refill this product, use the EH-1641 Herbicide refill, and carefully pour the entire contents of the 1.33 gal [XXX fl.oz./XXX gal] refill bottle [container] directly into this empty ready-to-use container equipped with spray applicator. DO NOT add water.]

[Option 2] [For Ready-To-Use Containers with Applicators Intended to be Reused/Refilled]

1. Remove the cap from the EH-1641 Herbicide refill bottle.
2. Remove the sprayer wand, cap with attached tube, and holster from the original bottle of EH-1641 Herbicide.
3. Insert cap with attached tube into the refill bottle.
4. Attach the sprayer wand and holster onto the refill bottle.
5. Screw sprayer tube on tightly
6. Proceed as before.]

7. 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. 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.

8. Weeds Controlled

EH-1641 Herbicide will control or suppress grasses, broadleaf weeds, woody brush, vines, and trees as listed. The degree of control and residual varies by plant species.

GRASSES [43]

Annual bluegrass
 Bahiagrass
 Barnyardgrass
 Beardgrass
 Bermudagrass
 Big bluestem
 Broadleaf signalgrass
 Canada bluegrass
 Cheat
 Cogongrass
 Crabgrass
 Crowfootgrass
 Dallisgrass
 Downy brome
 Fall panicum

Feathertop
 Fescue
 Foxtail
 Giant reed
 Goosegrass
 Guineagrass
 Italian ryegrass
 Itchgrass
 Johnsongrass
 Kentucky bluegrass
 Lovegrass
 Orchardgrass
Panicum spp.
 Prairie cordgrass
 Prairie threeawn

Quackgrass
 Reed canarygrass
 Sand dropseed
 Sandbur
 Smooth brome
 Timothy
 Torpedograss
 Vaseygrass
 Wild barley
 Wild oats
 Wirestem muhly
 Witchgrass
 Woolly cupgrass

BROADLEAF WEEDS [75]

Arrowwood
 Broom snakeweed
 Bull thistle
 Burclover
 Burdock
 Camphorweed
 Canada thistle
 Carolina geranium
 Carpetweed

Chickweed, mouseear
 Clover
 Cocklebur
 Common chickweed
 Common ragweed
 Cudweed
 Dandelion
 Desert camelthorn
 Diffuse knapweed

Dock
 Dogfennel
 Fiddleneck
 Filaree
 Fleabane
 Giant ragweed
 Goldenrod
 Gray rabbitbrush
 Henbit

Hoary vervain
 Horseweed
 Indian mustard
 Japanese bamboo/knotweed
 Knotweed, prostrate
 Kochia
 Lambsquarters
 Little mallow
 Milkweed
 Miner's lettuce
 Mullein
 Nettleleaf goosefoot
 Oxeye daisy
 Pepperweed
 Pigweed
 Plantain

Pokeweed
 Primrose
 Puncturevine
 Purple loosestrife
 Purslane
 Pusley, Florida
 Rocket, London
 Rush skeletonweed
 Russian knapweed
 Russian thistle
 Saltbush
 Shepherd's purse
 Silverleaf nightshade
 Smartweed
 Sorrell
 Sowthistle

Spurge, annual
 Stinging nettle
 Sunflower
 Sweet clover
 Tansymustard
 Texas thistle
 Velvetleaf
 Western ragweed
 Wild carrot
 Wild lettuce
 Wild parsnip
 Wild turnip
 Woollyleaf bursage
 Yellow starthistle
 Yellow woodsorrel

VINES [12]

Field bindweed
 Hedge bindweed
 Honeysuckle
 Morningglory

Poison ivy
 Redvine
 Trumpet creeper
 Virginia creeper

Wild buckwheat
 Wild grape
 Wild rose (Including: Multiflora
 and Macartney rose)

WOODY BRUSH AND TREES [51]

Alder
 American beech
 Ash
 Aspen
 Autumn olive
 Bald cypress
 Bigleaf maple
 Birch
 Black oak
 Blackgum
 Boxelder
 Brazilian peppertree
 Ceanothis
 Cherry
 Chinaberry
 Chinese tallow-tree
 Chinquapin

Cottonwood
 Cypress
 Dogwood
 Eucalyptus
 Hawthorn
 Hickory
 Huckleberry
Lyonia spp. (Including:
 Fetterbush and Staggerbush)
 Madrone
 Maple
 Melaleuca
 Mulberry
 Oak
 Persimmon
 Poison oak
 Popcorn-tree

Poplar
 Privet
 Red alder
 Red maple
 Saltcedar
 Sassafras
 Sourwood
 Sumac
 Sweetgum
 Sycamore
 Tanoak
 Titi
 Tree of heaven
Vaccinium spp. (Including:
 Blueberry and Sparkleberry)
 Willow
 Yellow-poplar

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.

[For Nonrefillable Container with refill directions]

PESTICIDE DISPOSAL AND CONTAINER HANDLING: Nonrefillable container. Do not reuse or refill this container except as allowed in the directions for use. If empty: Place in trash or offer for recycling if available. If partly filled: Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

[OR

[For Nonrefillable Container without refill directions]

PESTICIDE DISPOSAL AND CONTAINER HANDLING: Nonrefillable container. Do not reuse or refill this container. If empty: Place in trash or offer for recycling if available. If partly filled: Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor

drain.

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. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, 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. Advertising claims that may be presented on container labeling, advertisements, brochures, and other marketing/sales promotional materials:

Herbicide Benefit Claims:

- Offers long-term weed control in places where no growth is wanted
- Kills [Controls] [unwanted] [weeds], [brush], [plants], and [grasses] as listed
- Prevents vegetative growth of listed [weeds] [brush] [plants] [grasses] for up to 1 year.
- Apply only where no vegetation growth is wanted for up to 1 year.
- Kills [Controls] all listed [vegetation] [weeds] [grass] and [brush]
- Year-Long Control Of Tough Weeds & Brush
- Kills & prevents listed vegetation for up to 1 year
- Kills the root
- Offers long-term weed control
- Kills unwanted weeds, brush and grass as listed
- Year-long control
- Year-long control of tough weeds and brush as listed
- Kills all listed vegetation – weeds, grasses, and brush
- Kills unwanted weeds as listed
- [Easy-to-use] [Convenient] [Weed and Grass] [vegetation] Control
- [Extended] [Year-long] control of unwanted [vegetation] [weeds] and [grass(es)]
- Prevents new weeds and grass for up to 12 months [1 year]

General Marketing Claims:

- XX [fl.oz./gallons] of product treats up to YYYY sq.ft
- Covers XXXX sq.ft.
- For driveways, sidewalks, patios, fencerows, and other listed places where no vegetation is desired.
- Ready-To-Use
- Rainproof in 3 hours

Applicator Claims:

- Continuous [action] power sprayer
- Press and hold technology
- [Just] Aim & spray
- Comfort-Power-Precision
- With extendable wand [for improved accuracy]
- With adjustable wand [for improved accuracy]
- Reduced hand fatigue [when spraying around entire home]
- [X] AA batteries included
- [Easy-to-Use] Refill [Available]

- For use with reusable sprayer
- Continuous Spray
- Continuous Wand Sprayer
- [Convenient], [Easy-to-use] Sprayer [Application]
- [For] Convenient Application
- Includes Easy-to-use Sprayer and batteries

Before/After claims --- with photos

- Before/After [with photos depicting site before and after application]
- Treated/Untreated [with photos depicting site before and after application]

Additional claims:

- Proven Barrier performance – now in a convenient ready-to-use option!
- Dual-action formula kills existing weeds and prevents new ones from growing for up to 12 months [1 year]
- Coverage: XXX sq. ft.
- Use on cracks in driveways, sidewalks and patios; along fences, foundations, curbs, retaining walls, edges of lawns, as well as on decorative rock or gravel areas
- Visible results in X hours
- [Comes with] easy-to-use trigger sprayer
- Ready-To-Use
- No Measuring [Required] [Needed]
- No Mixing [Required] [Needed]
- Spot Treatment
- [Kills] [Controls] [Targets] unwanted weeds and grass[es] [for up to one year] [for up to 12 months]

Getting Started

- **What It Does**
Kills and prevents unwanted [vegetation] [weeds] and [grass[es]]
- **Where to use/apply**
Spray on unwanted [vegetation] [weeds] and [grass[es]]
Apply only where no vegetation growth is wanted
- **How much to use**
One X.XX gallon (XXX fl. oz.) bottle [treats] [covers] XXX sq. ft.
- **How to use/apply**
Use as a spot-treatment application
- **When to use/apply**
Anytime a plant is actively growing
- Coverage (Covers up to XXX sq. ft.)
- Refill
- For questions or comments call toll-free 800.884.3179 Mon. – Fri. 8:00 a.m. – 4:30 p.m. CST or visit GordonsUSA.com

DOCUMENT CONTROL INFORMATION

1. **Unique Label Identifier:** 002217-0XXXX.20200324.new-proposed-EH1641 - clean

2. **Reason for Issue:** New registration

Internal Usage Notes