



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

September 29, 2015

James L. Kunstman, Ph.D.
VP, Regulatory Services
PBI/Gordon Corporation
PO Box 014090
Kansas City, Missouri 64101

Subject: Notification per PRN 98-10 – Addition of marketing claims other minor updates
Product Name: EH-1472 Dilutable
EPA Registration Number: 2217-960
Application Date: 9/14/15
Decision Number: 509376

Dear Dr. Kunstman:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 for the above referenced product. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested falls within the scope of PRN 98-10.

The label submitted with the application has been stamped “Notification” and will be placed in our records.

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 you have any questions, you may contact Sarah Meadows at 703-347-0505 or via email at meadows.sarah@epa.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "Reuben Baris". The signature is fluid and cursive. To the right of the signature, the word "FOR" is written in a smaller, blocky font.

Reuben Baris, Product Manager 25
Herbicide Branch
Registration Division (7505P)
Office of Pesticide Programs

EH-1472 DILUTABLE

NOTIFICATION

2217-960

The applicant has certified that no changes, other than those reported to the Agency have been made to the labeling. The Agency acknowledges this notification by letter dated:

9/29/2015

EPA Reg. No. 2217-960

Alternate Brand Names: GroundWork Year-Long Vegetation Killer Concentrate, GroundWork Concentrate Year-Long Vegetation Control

ACTIVE INGREDIENTS:

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

INERT OTHER INGREDIENTS: 99.151%
TOTAL 100.000%

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.

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.

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.
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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.

1. 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.

2. Use 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.

3. Use Sites [Where To Use]

[Product name] may be used to control weeds in: [In fencerows. Around domestic dwellings, outdoor buildings, structures and shelters such as dairy barns. In roadsides, paved areas (including crack and crevice), curbs, sidewalks, driveways, parking areas, brick walks, gravel paths, paths, patios, and vacant lots, urban 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.]

4. Application Directions

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 [or equivalent rate expressed as: XX gal/fl.oz. per XX 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

4.1 For Total Vegetation Control (Including Bareground Treatment)

Use hand-operated spray equipment such as backpack sprayers, pump-up sprayers, or sprinkling can. Dilute product with water before applying. For maximum effectiveness, apply when weeds are vigorously growing.

[To Reviewer: In the following 3 paragraphs the rate is equal to 0.65 lb imazapyr ae/A, 1.30 lb glyphosate ae/A.]

For Broadcast Treatments: Uniformly spray or sprinkle the area where no vegetation is desired. Mix 1 gallon of [product name] with 3 gallons of water to cover 1200 sq.ft. [or equivalent rate expressed as: Mix XX gal/fl.oz. of [product name] with XX gal/fl.oz of water to cover XX sq.ft.]

For Fence Lines: Uniformly spray or sprinkle the strip where no vegetation is desired. Mix 1 gallon of [product name] with 3 gallons of water to cover 1200 sq.ft. (equal to 2400 linear feet of fence line with a 6-inch band width). [or equivalent rate expressed as: Mix XX gal/fl.oz. of [product name] with XX gal/fl.oz of water to cover XX sq.ft. (equal to XXXX linear feet of fence line with a X-inch band width)].

For Spot Treatments: Spray or sprinkle the spots where no vegetation is desired. Mix 1 gallon of [product name] with 3 gallons of water to cover 1200 sq.ft. [or equivalent rate expressed as: Mix XX gal/fl.oz. of [product name] with XX gal/fl.oz. of water to cover XX sq.ft.] One spot treatment may be used after a broadcast treatment if weeds persist.

4.2 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. Do not wet foliage excessively. Weeds should be growing vigorously at the time of application for maximum herbicide activity.

5. 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.

6. Weeds Controlled

[Product name] will control or suppress most listed 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 the retail container label.]

GRASSES			
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	

BROADLEAF WEEDS			
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	

VINES			
Field bindweed	Poison ivy	Virginia creeper	Wild rose (Including: Multiflora and Macartney rose)
Hedge bindweed	Redvine	Wild buckwheat	
Honeysuckle	Trumpet creeper	Wild grape	
Morningglory			

WOODY BRUSH AND TREES			
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 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. 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] ****[See inside booklet for complete list of weeds controlled]**
- **Kills unwanted vegetation* [See inside booklet for complete list of weeds controlled]**
- 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
- Covers XXXX sq.ft. [*]
- Makes up to XXX [units][*]
- * When mixed XX [units] of product with YY [units] of water.
- Year-Long Control Of Tough Weeds & Brush
- For driveways, patios, fencerows, and other places where no vegetation is desired.

DOCUMENT CONTROL INFORMATION

1. Unique Label Identifier: 002217-00960.20150914.notif-proposed-highlighted

2. Reason for Issue: ad claims