

### OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

WASHINGTON, D.C. 20460

March 25, 2025

Eric D. Smith
Director, Regulatory Affairs
PBI/Gordon Corporation
P.O. Box 860350
Shawnee, KS 66286

Subject: Label Amendment - Registration Review Mitigation for Carfentrazone-ethyl &

Mecoprop-p

Product Name: EH-1446 Herbicide EPA Registration Number: 2217-903

Application Dates: May 1, 2018; July 5, 2022; & February 2, 2024

Decision Numbers: 596739 & 596740

Dear Eric D. Smith:

The Agency, in accordance with the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, has completed reviewing all the information submitted with your application to support the Registration Review of the above referenced product in connection with the Carfentrazone-ethyl & Mecoprop-p Interim Decisions, and has concluded that your submission is acceptable. The label referred to above, submitted in connection with registration under FIFRA, as amended, is acceptable.

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 Assurance.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling and must be used at your next label printing. You must

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submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 12 months from the date of this letter. After 12 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

If you have any questions about this letter, please contact Caleb Carr by phone at (202) 566-0636, or via email at <a href="mailto:carr.caleb@epa.gov">carr.caleb@epa.gov</a>.

Sincerely,

Linda Arrington, Branch Chief

Risk Management and Implementation Branch 4 Pesticide Re-Evaluation Division Office of Pesticide Programs

**ENCLOSURE: Stamped label** 

# **EH-1446 HERBICIDE**

# EPA Reg. No. 2217-903

#### **ACTIVE INGREDIENTS:**

2,4-D, 2-ethylhexyl ester	5.96%
Mecoprop-p acid	0.72%
Dicamba acid	
Carfentrazone-ethyl	
OTHER INGREDIENTS:	
TOTAL	100.00%

#### THIS PRODUCT CONTAINS:

- 0.33 lb 2,4-dichlorophenoxyacetic acid equivalent per gallon or 3.95%
- 0.06 lb (+)-(R)-2-(2-methyl-4-chlorophenoxy) propionic acid equivalent per gallon or 0.72%
- 0.03 lb 3,6-dichloro-o-anisic acid equivalent acid equivalent per gallon or 0.40%
- 0.02 lb Ethyl  $\alpha$ ,2-dichloro-5-[4(difluoromethyl)-4,5-dihydro-3-methyl-5-oxo-1H-1,2,4-triazol-1-yl]-4-fluorobenzenepropanoate per gallon or 0.23%

Isomer Specific By AOAC Methods.

## **KEEP OUT OF REACH OF CHILDREN**

# **CAUTION**

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

ACCEPTED

Mar 25, 2025

Under the Federal Insecticide, Fungicide and Rodenticide Act as amended, for the pesticide registered under

EPA Reg. No. 2217-903

See attached booklet for complete [Precautionary Statements and] Directions for Use, including Storage and Disposal, and [back panel][side panel] for [complete Precautionary Statements, including] First Aid.

Net Contents: \_\_\_\_ EPA Est. No. \_\_\_\_

**Company Name and Address:** 

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



## PRECAUTIONARY STATEMENTS

#### **Hazards to Humans and Domestic Animals**

**CAUTION:** Harmful if absorbed through the skin. Avoid contact with skin, 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 on skin or on clothing:	<ul> <li>Take off contaminated clothing.</li> <li>Rinse skin immediately with plenty of water for 15 - 20 minutes.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>
If swallowed:	<ul> <li>Call a poison control center or doctor immediately for treatment advice.</li> <li>Have person sip a glass of water if able to swallow.</li> <li>Do not induce vomiting unless told to do so by a poison control center or doctor.</li> <li>Do not give anything by mouth to an unconscious person.</li> </ul>
Have the produc	ct container or label with you when calling a poison control center or doctor or going for

#### **Environmental Hazards**

This pesticide is toxic to fish and aquatic invertebrates and may adversely affect non-target plants. Do not apply directly to water. Do not contaminate water when disposing of equipment washwaters or rinsate. To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area. Rinsing application equipment over the treated area will help avoid run off to water bodies or drainage systems

treatment. You may also contact 1-877-800-5556 for emergency medical treatment advice.

This product has properties and characteristics associated with chemicals detected in groundwater. The use of this product in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination. Application around a cistern or well may result in contamination of drinking water or groundwater.

**Fish Advisory Statement:** This product may be hazardous to aquatic organisms, particularly in clear, shallow water bodies that are adjacent to treated areas. Transport to water by runoff or spray drift of this product in areas where surface water is present, or intertidal areas below the mean high water mark, should be avoided. Do not contaminate water when disposing of equipment wash water or rinsate.

**Non-target Organism Advisory Statement**: This product is toxic to plants and may adversely impact the forage and habitat of non-target organisms, including pollinators, in areas adjacent to the treated site. Protect the forage and habitat of non-target organisms by minimizing spray drift.

# **DIRECTIONS FOR USE**

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

#### 1. Use Restrictions

- Only use for sites, pests, and application methods specified on this labeling.
- Do not apply this product in a way that will contact any person or pet, either directly or through drift. Keep people and pets out of the area during application.
- Do not allow people or pets to enter the treated area until sprays have dried.
- Do not apply as a fine mist because of potential for injury to desirable plants.

- Do not use this product on or near desirable plants, including contact of spray on exposed root systems or adventitious shoots within the drip line of desirable trees and shrubs, since injury may result.
- Do not apply directly to or near water, storm drains, gutters, sewers, or drainage ditches. Do not apply within 25 feet of rivers, fish ponds, lakes, streams, reservoirs, marshes, estuaries, bays, and oceans. Do not apply when windy. To prevent product run-off, do not over water the treated area(s) to the point of runoff or apply when raining or when rain is expected that day. Rinse applicator over lawn area only.
- Do not apply this product to carpetgrass, dichondra, food crops (gardens, fruits and vegetables), forage crops, or ornamental plants including flowers, trees, shrubs, hedges, woody ornamentals, groundcovers established in landscape plantings, and other nontarget plants.
- The maximum broadcast application rate is 4 fl.oz. of product per 1000 sq.ft. per application [0.45 lb 2,4-D ae, 0.08 lb MCPP-p ae, 0.05 lb dicamba ae, and 0.03 lb carfentrazone-ethyl per acre per application].
- The maximum number of broadcast applications is limited to 2 per year with a minimum of 30 days between applications.
- The maximum annual broadcast application rate is 8 fl.oz. of product per 1000 sq.ft. [0.91 lb 2,4-D ae, 0.16 lb MCPP-p ae, 0.10 lb dicamba ae, and 0.05 lb carfentrazone-ethyl per acre per year].

#### 2. Where To Use

EH-1446 Herbicide is intended for use only on residential [home] lawns including Kentucky Bluegrass, Perennial Ryegrass, Fescues, Common Bermudagrass, Hybrid Bermudagrass, Bahiagrass, Bentgrass, Buffalograss, Centipedegrass, Zoysiagrass, and St. Augustinegrass (except 'Floratam').

### 3. How Much To Apply

For Bentgrass, Hybrid Bermudagrass, Buffalograss, St. Augustinegrass (except 'Floratam'), and Centipedegrass: Use 2 fl.oz. [(4 Tbsp)] per 1000 sq.ft.

For Kentucky Bluegrass, Fescues, Perennial Ryegrass, Bahiagrass, Common Bermudagrass, and Zoysiagrass: Use 4 fl.oz. [(8 Tbsp)] per 1000 sq.ft.

## 4. How To Apply

#### [4.1 Option 1]

[USING THE READY SPRAY NOZZLE] [Hose End Sprayer Instructions]

- 1. Shake container well before using.
- 2. Connect a garden hose to the Ready Spray nozzle. Make sure the dial on the nozzle is in the "OFF" position with the [green] safety tab in the valve notch.
- 3. Turn on water at faucet. Extend hose to the farthest area to be treated and work back toward the faucet so you don't come in contact with the treated area.
- 4. To BEGIN spraying, point nozzle toward treatment site and a.) bend the [green] safety tab back (located at right of yellow dial) with your thumb, b.) hold while turning yellow dial clockwise until it stops. Water will automatically mix with the product.
- 5. Spray until wet to control weeds. Walk at a steady pace while spraying using an even sweeping motion, slightly overlapping treated areas.
- 6. To STOP spraying, QUICKLY turn the dial counter clockwise until it stops and the safety tab engages into the notch on the valve. Turn water off at faucet. To relieve pressure before removing nozzle from hose, bend the safety tab back and turn dial "ON" until water stops spraying.
- 7. To STORE unused product, make sure the dial is in the "OFF" position with [green] safety tab in the valve notch. Place in cool area away from heat, sunlight or open flame.]

### [4.2 Option 2]

IUSING THE READY SPRAY NOZZLE]

- 1. Shake container well before using.
- 2. Connect a garden hose to the Ready Spray nozzle. Make sure lever is fully forward in the "OFF" position.
- 3. Turn on water at faucet. Extend hose to the farthest area to be treated and work back toward the faucet so you don't come in contact with the treated area.
- 4. To BEGIN spraying, point nozzle toward treatment site and pull lever backwards towards hose connection. Water will automatically mix with the product.
- 5. Spray until wet to control weeds. Walk at a steady pace working back towards the faucet while spraying using an even sweeping motion, slightly overlapping treated areas.
- 6. To STOP spraying, push lever forward toward nozzle until water flow stops. Turn water off at faucet. To relieve pressure before removing nozzle from hose, pull lever backwards towards hose connection until water stops spraying.
- 7. To STORE unused product, make sure lever is fully forward in the "OFF" position. Place in cool area away from heat, sunlight or open flame.

#### 5. Use Precautions

- Apply when weeds are young and actively growing.
- Apply when daytime temperatures are below 90°F.
- Apply this product to newly seeded grasses when well-established (approximately 6 weeks after seedling emergence) or after the third mowing.
- Apply this product 3 to 4 weeks after the sodding, sprigging, or plugging operations.
- Treated areas may be reseeded at 2 weeks after the application of this product.
- Adequate soil moisture and favorable growing conditions enhance the performance of this product. If dry conditions exist, schedule irrigation (watering) before and after the application. Avoid applications of this product when turf is under stress since injury may result.
- Avoid moving within 1 to 2 days before and after the application of this product.
- It is the responsibility of the applicator to avoid spray drift at the application site. Do not allow the herbicide solution to mist, drip, drift, or splash onto desirable broadleaf plants, as small amounts of this product can damage sensitive plants near the treated area. If desirable plants are accidentally sprayed, immediately rinsing leaves with water may reduce or eliminate plant damage.

#### 6. Broadleaf Weeds Controlled

Bitter-cress, hairy

EH-1446 Herbicide will control or suppress the following broadleaf weeds.

Amaranth, purple Bitterweed Carpetweed Amaranth, slender Black-eved Susan Catnip Black medic Aster, heath Catsear, spotted (false Blood-flower milkweed dandelion) Aster, white heath Aster, purple Blue lettuce Chamber bitter Aster, white prairie Brassbuttons Chickweed, common Artichoke Bristly oxtongue Chickweed, mouse-ear Austrian fieldcress Broomweed Chickweed, sticky Bedstraw, catch-weed Buckhorn Chicory Bull-nettle Cinquefoil Bedstraw, smooth **Bur-clover** Clover, crimson Bedstraw, northern Clover, Alyce Bedstraw, pineywoods Burdock Beggar-ticks, hairy Burweed, lawn Clover, hop Betony, Florida Buttercup, bulbous Clover, rabbit-foot Bindweed, field Buttercup, creeping Clover, red Bindweed, hedge Buttonweed, common (poorjoe) Clover, strawberry Bitter Wintercress Buttonweed, Virginia Clover, yellow sweet

Carolina geranium

Clover, white sweet

Clover, white
Cockle
Cocklebur
Cocklebur, spiny
Common mullein
Corn spurry

Creeping beggar-weed Creeping Jenny (creeping Charlie) Cupid's shaving brush

Cudweed
Daisy, English
Daisy, oxeye
Dandelion, common
Dandelion, false
Day-flower
Deadnettle
Dichondra
Dock, broadleaf
Dock, curly
Dogbane
Dog-fennel

Dollarweed (Pennywort)

Dove-weed
Elderberry
Falseflax
False sunflower
Fiddleneck
Filaree, redstem
Filaree, whitestem
Fleabane, daisy (annual)

Fleabane, rough
Galinsoga, hairy
Galinsoga, smallflower
Goldenrod
Ground ivy

Goldenrod
Ground ivy
Groundsel
Gumweed
Hairy fleabane
Hawkweed, meadow
Hawkweed, mouse-ear
Hawkweed, orange
Hawkweed, yellow

Healall

Heart-leaf drymary

Hemp Henbit Hoary-cress Horsenettle Horseweed Jimsonweed

Johnny-jumpup violet

Knawel

Knotweed, prostrate

Kochia

Lambsquarters
Lespedeza
Mallow, alkali
Mallow, bristly
Mallow, common
Mallow, dwarf
Mallow, Venice

Marcela Matchweed Mexican-weed Moneywort

Morningglory, bigroot Morningglory, ivyleaf Morningglory, red Morningglory, tall Morningglory, wolly

Mugwort Mustard, ball Mustard, black Mustard. blue Mustard, hedge Mustard, Indian Mustard, tansy Mustard, tumble Mustard, white Mustard, wormseed Nettle, stinging Nettle, tall Nettle, wood Parsley-piert Parsnip Pearlwort Pennycress

Pepperweed, perennial
Pepperweed, Virginia
(Peppergrass)
Pigweed, prostrate
Pigweed, redroot
Pigweed, Russian
Pigweed, smooth
Pigweed, tumble
Pineapple weed

Plains coreopsis (tickseed)
Plantain, black-seed
Plantain, bracted
Plantain, broadleaf
Plantain, buckhorn
Plantain, hoary
Plantain, narrow-leaf
Plantain, slender
Plantain, woolly
Poison ivy
Poison oak
Pokeweed

Prickly lettuce (compass plant)

Prickly sida

Prairie sunflower

Prostrate knotweed
Puncturevine
Purslane, common
Pusley, Brazilian
Pusley, Florida
Pusley, large flower
Ragweed, bur
Ragweed, common
Ragweed, lance-leaf
Ragweed, western
Redstem filaree
Rough cinquefoil

Shepherd's purse Smartweed, ladysthumb Smartweed, pale Smartweed, Pennsylvania Smooth chaff-flower Smooth dock Sorrel, red (sheep)

Scarlet pimpernel

Sorrel, red (sheep) Sowthistle, annual Sowthistle, spiny Spanish needles Speedwell, bi-lobed Speedwell, common Speedwell, corn Speedwell, ivyleaf Speedwell, Persian Speedwell, purslane Speedwell, slender Speedwell, snow Speedwell, thyme-leaf Spiny amaranth Spurge, spotted Spurge, prostrate Star of Bethlehem

Strawberry, Indian mock
Tansy ragwort
Tanweed
Thistle, blessed
Thistle, bull
Thistle, Canada
Thistle, Flodman's
Thistle, musk
Thistle, plumeless
Thistle, prairie
Thistle, Russian
Thistle, Scotch
Thistle, wavy-leaf
Thistle, yellow
Trailing crown-vetch

Velvetleaf

Vervain, blue Vervain, hoary Vervain, prostrate Vervain, tall Vetch, bird Vetch, hairy Vetch, milk Vetch, narrow-leaf Vetch, wild Virginia creeper Western clematis Western salsify Wild aster Wild buckweat Wild carrot Wild four-o-clock Wild garlic Wild lettuce Wild marigold Wild mustard Wild onion Wild parsnip

Wild radish Wild rape Wild strawberry Wild sweet potato Wild violet Woodsorrel, creeping Woodsorrel, violet Woodsorrel, yellow (*Oxalis*) Woolly croton Wormseed Yarrow, common Yarrow, western Yarrow, yellow Yellow Rocket

## STORAGE AND DISPOSAL

**PESTICIDE STORAGE**: Store in a cool dry area away from heat or open flame.

**PESTICIDE DISPOSAL AND CONTAINER HANDLING: If empty:** Nonrefillable container. Do not reuse or refill this container. 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

The manufacturer warrants only that the chemical composition of this product conforms to the ingredient statement given on the label, and that the product is reasonably suited for the labeled use when applied according to the Directions for Use.

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 EXPRESSLY DISCLAIMED. This limited warranty does not extend to the use of the product inconsistent with label instructions, warnings or cautions, or to use of the product under abnormal conditions such as drought, excessive rainfall, tornadoes, hurricanes, etc. These factors are beyond the control of the manufacturer or the seller. Any damages arising from a breach of the manufacturer's warranty shall be limited to direct damages, and shall not include indirect or consequential damages such as loss of profits or values, except as otherwise provided by law.

The terms of this Limited Warranty and Disclaimer cannot be varied by any written or verbal statements or agreements. No employee or agent of the seller is authorized to vary or exceed the terms of this Limited Warranty and Disclaimer in any manner.

[Alternate Warranty Related Statements for Distributor Products:]

NOTICE: To the extent consistent with applicable law, buyer assumes all responsibility for safety and use not in accordance with directions.

**Notice:** To the extent consistent with applicable law, buyer assumes all risks of use, storage or handling of this product not in accordance with directions.

Guaranteed\* to work or your money back [\*If you are not satisfied with this product for any reason, send your written request for a refund to the address below, together with the original dated store receipt showing the price you paid. Please allow 6-8 weeks for processing.]

**Guarantee:** If for any reason you are not satisfied with this product, mail us proof of purchase to obtain a full refund of your purchase price.

# **APPENDIX**

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

Herbicide Benefit Claims:

- Kills dandelion, chickweed, knotweed, plantain, henbit, spurge and many other broadleaf lawn weeds as listed.
- Kills listed weeds not lawn grasses.
- Kills listed weeds not lawns.
- Kills listed (broadleaf) weeds.
- Won't harm lawn grasses when used as directed.
- Kills listed weeds in your lawn.
- Kills major broadleaf lawn weeds as listed: List of the weed species.
- Kills major broadleaf lawn weeds as listed including dandelion, chickweed, and knotweed in lawns.
- A Trimec® Turf Herbicide Formulation.
- Controls dandelion, chickweed, knotweed, plantain, henbit, spurge and many other listed broadleaf lawn weeds.
- Kills over xxx broadleaf lawn weeds including dandelion and others as listed.
- Kills major broadleaf weeds including dandelion, clover, oxalis, chickweed, knotweed plantain, henbit, spurge and others as listed.
- Kills major broadleaf lawn weeds including dandelion, clover, oxalis, chickweed, knotweed, plantain, henbit, spurge and many others as listed.
- Use (Brand Name) to kill broadleaf weeds in lawns including dandelion, clover, oxalis, chickweed, knotweed, plantain, henbit, spurge, and many others as listed. Won't harm bahiagrass, bentgrass, bermudagrass, bluegrass, buffalograss, centipedegrass, fescues, ryegrass or zoysiagrass when used as directed. Can also be used on St. Augustinegrass except 'Floratam'.
- Rapid and effective weed control for common and troublesome weed species as listed in turfgrass.
- Fast acting with evidence of injury within hours. Generally, the injury symptoms can be noticed in hours and plant death can occur within 7-14 days.
- · Kills the listed weeds, not the lawn.
- Kills listed broadleaf weeds
- Won't harm your lawn when used as directed.
- Kills hard to control weeds as listed.
- Kills over XXX tough lawn weeds as listed.
- Maximum weed control
- Kills listed weeds, not lawns
- Tough on weeds, easy on lawns
- · Results in 24 hours
- Kills over 250 listed weeds
- Results in hours
- Kills listed broadleaf weeds
- Kills weeds as listed
- · Kills dandelion, clover and other listed weeds
- Kills the toughest weeds as listed
- Kills listed weeds down to the root including dandelion and clover

#### General Marketing Claims:

- For lawns containing Kentucky bluegrass, fescues, bentgrass, perennial ryegrass, bermudagrass, bahiagrass, centipedegrass, zoysiagrass, St. Augustinegrass (except 'Floratam'), and buffalograss.
- Can be applied with hose-end sprayers.
- For northern and southern grasses.
- Formulated for use on northern and sensitive southern lawns.
- Helps provide a beautiful lawn.
- For cool and warm season lawn grasses.
- For use on grass lawns especially Kentucky bluegrass, fescues, perennial ryegrass, bentgrass, bermudagrass, bahiagrass, centipedegrass, zoysiagrass, St. Augustinegrass (except 'Floratam') and buffalograss.
- Can be used on St. Augustinegrass (except 'Floratam'), bentgrass, and buffalograss.

- "One quart covers up to XXX square feet (of southern turfgrass)" or "One pint covers up to XXX square feet (of southern turfgrass)".
- Treats up to XXX square feet.
- Makes up to XXX gallons of spray.
- Now for northern and southern lawns.
- Formula for northern and southern grasses/lawns.
- Specially formulated for residential use (home lawns)
- Simple easy to use/one step application
- · Simple and easy.
- 1 pint covers 4,000 8, 000 sq.ft. (1 quart covers 8,000 16,000 sq.ft.) depending on lawn. See inside booklet for complete instructions. Specially formulated for residential use.
- CONVENIENT.
- ECONOMICAL Use to cover small or large areas.
- Superior cool weather performance.
- The performance leader
- Treats up to XXX sq.ft.
- TRIMEC® is a registered trademark of PBI/Gordon Corporation.
- Won't harm lawn grasses when used as directed
- Rainfast in 1 hour
- Easy to use sprayer
- Attach to hose & spray
- Ready-to-Spray
- Questions or Comments? Call 1-800-322-5553

# **DOCUMENT CONTROL INFORMATION**

- 1. Unique Label Identifier: 002217-00903.20240202.amend-proposed-clean.doc
- 2. Reason for Issue: Comments on MCPP and Carfentrazone-ethyl Interim Reg Review Decision

Internal Usage Notes
Associated Container Label: