

U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs Registration Division (7505P) Ariel Rios Building 1200 Pennsylvania Ave., NW Washington, D.C. 20460 EPA Reg. Number:

2217-897

Date of Issuance:

SEP 2 2 2006

NOTICE OF PESTICIDE:

x Registration
Reregistration
(under FIFRA, as amended)

Term of Issuance: conditional

Name of Pesticide Product:

EH-1438 Herbicide

Name and Address of Registrant (include ZIP Code):

PBI/Gordon Corporation

1217 West 12th Street

P.O. Box 014090

Kansas City, Missouri 64101-0090

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 sec. 3(c)(7)(A) and (B) provided that you:

- 1. Submit and/or cite all data required for registration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.
 - 2. Make the following label change:
 - a. Revise the EPA Registration Number to read: "EPA Reg. No. 2217-897."
 - 3. Submit one year Storage Stability (830.6317) and Corrosion Characteristics (830.6320) studies within one year as of the date of this registration notice. The one year storage stability study should be generated under warehouse conditions. It is also recommended that observations be made at 0, 3, 6, 9 and 12 months intervals. The corrosion characteristics study may be carried out concurrently.

Signature of Approving Official:

Joanne I. Miller Product Manager 23 Herbicide Branch

Herbicide Branch
Registration Division (7505P)

boanne J. Miller

Date:

SEP 2 2 2006

EPA Form 8570-6

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If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

EH-1438 HERBICIDE

ACTIVE	INGREDIENTS:
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2,4-D, 2-ethylhexyl ester.	1.153%
Mecoprop-p acid	0.174%
Dicamba acid	0.073%
Sulfentrazone	0.034%
OTHER INGREDIENTS:	<u>98.566%</u>
TOTAL.	100 000%

THIS PRODUCT CONTAINS:

15.30 lbs. 2,4-dichlorophenoxyacetic acid equivalent per ton or 0.765%
3.48 lbs. (+)-(R)-2-(2-methyl-4-chlorophenoxy)propionic acid equivalent per ton or 0.174%
1.46 lbs. 3,6-dichloro-o-anisic acid equivalent per ton or 0.073%

0.68 lbs. N-[2,4-dichloro-5-[4-(difluoromethyl)-4,5-dihydro-3-methyl-5-oxo-1H-1,2,4-triazol-1-yl]phenyl]methanesulfonamide per ton or 0.034%

Isomer Specific by AOAC Methods TRIMEC® is a registered trademark of PBI/Gordon Corporation.

CAS Registry Numbers:

2,4-D CAS# 1928-43-4 Mecoprop-p CAS# 16484-77-8 Dicamba CAS#1918-00-9 Sulfentrazone CAS #122836-35-5

KEEP OUT OF REACH OF CHILDREN

ACCEPTED with COMMENTS In EPA Letter Dated:

SEP 2 2 2006

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

CAUTION

2217-892

See back panel for additional Precautionary Statements and First Aid.

NET WEIGHT: 12, 12.5, 13, 14, 15, 16, 17, 18, 19, 20, 25 or 30 POUNDS

EPA File Symbol No. 2217-xxx EPA EST. NO. 2217-KS-2 MANUFACTURED BY:

an Employer-Owned Company
1217 West 12th Street
Kangas City, Missouri be 101

1-800-821-7925



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

PRECAUTIONARY STATEMENTS

Hazards to Humans & Domestic Animals

CAUTION: Causes moderate eye irritation. Harmful if swallowed. Avoid contact with eyes or clothing. When using this product, wear long-sleeved shirt, long pants, socks and shoes. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco.

First Aid				
If in eyes:	 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:	 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. 			
	of container or label with you when calling a poison control center or doctor or going for may also contact 1-877-800-5556 for emergency medical treatment information.			

ENVIRONMENTAL HAZARDS:

This pesticide is toxic to fish and aquatic invertebrates. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark except as noted on appropriate labels. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. Do not contaminate water when disposing of equipment wash waters or rinsate.

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. Application around a cistern or well may result in contamination of drinking water or groundwater.

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 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 dusts have settled.

Not for use on turf being grown for sale or other commercial use as sod, or for commercial seed production, or for research purposes.

STORAGE AND DISPOSAL

PESTICIDE STORAGE: Store in original container and keep any bags containing unused product in a locked storage area inaccessible to children and domestic animals.

CONTAINER DISPOSAL:

6.7

If empty: Do not reuse this container. Place in trash or offer for recycling if available.

If partially filled: Call your local solid waste agency or toll free number (1-800-CLEANUP) for disposal instructions. Never place unused product down any indoor or outdoor drain.

INSTRUCTIONS:

EH-1438 Herbicide is a combination of four proven weed killers--2,4-D, mecoprop-p, dicamba and sulfentrazone. This herbicide controls a wide range of lawn weeds, including dandelion, chickweed, knotweed, plantain, henbit, spurge and many others commonly found in home lawns.

USE PRECAUTIONS:

Do not use on dichondra, carpetgrass, St. Augustinegrass, or turfgrass where desirable clovers are present.

Do not apply this product to newly seeded grasses until well-established or after the second or third mowing.

Seeding should be delayed until three (3) weeks after the application.

Do not use this product on flowers, vegetables, groundcovers, gardens or landscape plantings including shrubs and trees. Do not exceed specified dosage for any area.

This product will not prevent weed seeds from producing new plants.

HOW MUCH TO APPLY:

Apply 2.5 to 3.0 pounds of product per 1,000 square feet of turfgrass. A second application may be made in approximately 30 days.

Best results for the lower rate within the range are obtained for broadleaf weeds that are young and growing actively (vigorously). Dense populations, mature weed growth stages and perennial weeds will require the higher rate within the specified range.

The maximum application rate to turf is 3.0 pounds of product per 1,000 square feet of turfgrass per application. The maximum number of broadcast applications is 2 per year, and the maximum seasonal rate is 6.0 pounds of product per 1,000 square feet.

WHEN TO APPLY:

Apply when broadleaf weeds are actively growing in spring or early fall.

 Apply when the air is calm (Choose a calm day) to ensure uniform coverage and avoid spreading Herbicide onto flowers, vegetables, and ornamental shrubbery.

Possible retreatment may be necessary if lawn is heavily overrun by weeds, if adverse low moisture conditions prevail, or if weeds are in a state of poor growth.

WHAT TO EXPECT:

- 1. Mow lawn to normal height 1 to 2 days before application.
- 2. Water lawn thoroughly at least 1 to 2 days before application to sustain moisture until the next watering (see step 5).
- 3. Apply when broadleaf weeds are young and actively growing, preferably in the morning when dew is on the grass. At the time of application, moisture on the weed leaves from dew, rainfall or irrigation/watering aids in control. If grass is not moist at time of application, sprinkle lightly with water.
- 4. Avoid applying when temperatures are consistently above 90°F.
- 5. Do not wash from weed leaves for 1 to 2 days after application. At this time, a thorough watering should be made.



DISTRIBUTION AND SPREADER PATTERNS:

Always apply with a properly calibrated rotary or drop type fertilizer spreader to distribute the Herbicide evenly. Never apply by hand.

Coverage - To determine how much you need to apply, multiply the length of your lawn by its width. This equals your total square footage. Deduct all non-lawn areas (house, gardens, etc.). One bag covers up to XXX square feet.

Note to Supplemental Registrants: Select the appropriate bag size and present only the information provided for that bag size on your product labeling. Also, equipment settings of drop spreaders, rotary spreaders, and other granular applicators may be presented on the container labels.

Bag Size, Lbs.	Application Rate, Lbs./1,000 Sq.Ft.	Treated Area for This Bag Size, Sq.Ft.
	2.5	4800
12	2.75	4400
	3.0	4000
	2.5	5000
12.5	2.75	4500
	3.0	4200
	2.5	5200
13	2.75	4700
, ,	3.0	4300
	2.5	5600
14	2.75	5100
ļ	3.0	4700
		2000
	2.5	6000
15	2.75 3.0	5450 5000
1	3.0	3000
	2.5	6400
16	2.75 3.0	5800
	3.0	5300
	2.5	6800
17	2.75	6200
	3.0	5700
	2.5	7200
18	2.75	6500
<u> </u>	3.0	5400

Bag Size, Lbs.	Application Rate, Lbs./1,000 Sq.Ft.	Treated Area for This Bag Size, Sq.Ft.
	2.5	7600
	2.75	6900
19	3.0	6300
	2.5	8000
20	2.75	7200
	3.0	6700
į.	2.5	10000
25	2.75	9000
	3.0	7500
	2.5	12000
30	2.75	11000
-	3.0	10000

SINGLE PASS DISTRIBUTION:

For best results, apply this product evenly and uniformly avoiding streaking, skips or overlaps.

- 1. For rotary spreaders, operate at intervals corresponding to the swath width. For drop spreaders, overlap the wheel tracks to ensure complete coverage.
- 2. First, spread the borders of your lawn and header strips for turning around. Then apply this product to the center with straight line passes
- 3. Walk at a steady pace to ensure even coverage. Close the spreader opening when turning to change directions or when stopping.

CALIBRATION INSTRUCTIONS AND SPREADER SETTINGS:

Calibrate the spreader according to the manufacturer's directions. Initial spreader settings may require adjustment to deliver the recommended rate under actual application conditions. To provide proper distribution, calibrate spreader before application.

- For 2.5 pounds of product per 1,000 square feet of turfgrass: Check your spreader on 400 square feet and adjust to apply at the rate of 1 pound of product per 400 square feet.
- For 2.75 pounds of product per 1,000 square feet of turfgrass: Check your spreader on 360 square feet and adjust to apply at the rate of 1 pound of product per 360 square feet.
- For 3.0 pounds of product per 1,000 square feet of turfgrass: Check your spreader on 330 square feet and adjust to apply at the rate of 1 pound of product per 330 square feet.

		Delivers	_ lbs./1,00)0 sq, ft.	
Spreader	2.5 lbs.	2.75 lbs	3.0 lbs		
LESCO® Rotary	Х	X	X		
calibration gauge setting #					}
Ortho® Drop (5000)	Х	X	Х	T	
Ortho® Rotary (6000)	Х	X	Х		
Precision® Red Devil®	Х	X	X		
Rotary	<u> </u>				
Quaker® Rotary	X	X	X		
Republic® EZ Drop	Х	Х	Х		
Republic® EZ Grow	X	TX	X	ļ — — — — — — — — — — — — — — — — — — —	
Republic® EZ Rotary	X	Х	X		
Scotts® Drop (PF3)	Х	Х	Х		
Scotts® Easy Green	X	X	X		
Scotts® Speedy Green	X	X	X		
True Temper Rotary	Х	Х	Х		

- BROADLEAF WEEDS -

Annual yellow sweetclover Aster Austrian fieldcress Bedstraw **Beggarticks** Betony, Florida Bindweed, field Bird vetch Bitter wintercress Bittercress, hairy Bitterweed Black-eyed Susan Black medic Black mustard Blackseed plantain Blessed thistle Bloodflower milkweed

Bloodflower milkwee Blue lettuce Blue vervain Bracted plantain Bristly oxtongue Broadleaf dock Broadleaf plantain Broomweed Buckhorn Buckhorn plantain

Buckhorn plantain Bulbous buttercup Bull thistle Bullnettle Burclover Burdock Burning nettle Burweed Buttercup Buttonweed

Canada thistle
Carolina geranium
Carpetweed
Catchweed bedstraw

Catnip Catsear

Chickweed, common Chickweed, mouseear

Chicory
Cinquefoil
Clover, crimson
Clover, hop
Clover, red
Clover, strawberry
Clover, sweet

Clover, sweet Clover, white

Cockle Cocklet

Cocklebur
Common mullein
Creeping jenny
Cudweed
Curly dock
Daisy English

Curly dock
Daisy, English
Daisy fleabane
Daisy, oxeye
Dandelion
Dichondra
Dogfennel
Dollarweed

False dandelion Falseflax False sunflower

Fiddleneck Florida pusley Frenchweed Galinsoga Goldenrod Ground ivy Gumweed

Hairy fleabane

Hawkweed

Healall Heartleaf drymary Heathaster Hedge bindweed Hedge mustard

Henbit
Hoary cress
Hoary plantain
Hoary vervain
Horsenettle
Jimsonweed
Knawel
Knotweed
Kochia
Lambsquarters
Lespedeza
Mallow
Matchweed

Mexicanweed Milk vetch Morningglory Mouseear hawkweed

Mugwort
Musk thistle

Mustard Narrowleaf plantain Narrowleaf vetch

Nettle

Orange hawkweed Oxalis

Parsnip Pearlwort Pennycress Pepperweed

Parsley-piert

Pigweed Pineywoods bedstraw

Plains coreopsis
Plantain
Poison ivy
Poison oak
Pokeweed
Poorjoe

Prairie sunflower Prickly lettuce Prickly sida Prostrate knotweed Prostrate pigweed Prostrate spurge Prostrate vervain Puncturevine

Purslane, common Ragweed Red sorrel Redroot pigweed Redstem filaree Rough cinquefoil Rough fleabane Russian pigweed Russian thistle Scarlet pimpernel Scotch thistle Sheep sorrel Shepherdspurse

Slender plantain Smallflower galinsoga Smooth dock Smooth pigweed

Sorrel Sowthistle Spanishneedles Speedwell Spiny amaranth Spiny cocklebur Spiny sowthistle Spotted catsear Spotted spurge Spurweed Stinging nettle

Strawberry, India mock
Tall nettle
Tall vervain
Tansy ragwort
Tansy mustard

Thistle

Trailing crownvetch
Tumble mustard
Tumble pigweed
Velvetleaf
Venice mallow
Virginia buttonweed
Virginia creeper
Virginia pepperweed
Wavyleaf bullthistle
Western clematis
Western salsify

White mustard
Wild aster
Wild buckwheat
Wild carrot
Wild four-o'clock
Wild garlic
Wild geranium
Wild lettuce
Wild marigold
Wild mustard

Wild onion
Wild parsnip
Wild radish
Wild rape
Wild strawberry
Wild sweet potato
Wild vetch

Woodsorrel
Woolly croton
Woolly morningglory
Woolly plantain
Wormseed

Yarrow Yellow rocket

Yellowflower pepperweed and other broadleaf weeds

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