

 <p align="center"><b>U.S. ENVIRONMENTAL PROTECTION AGENCY</b></p> <p align="center">Office of Pesticide Programs Registration Division (7505C) 1200 Pennsylvania Ave., N.W. Washington, D.C. 20460</p> <p>NOTICE OF PESTICIDE: <u> X </u> Registration <u>   </u> Reregistration (under FIFRA, as amended)</p>	EPA Reg. Number:  <b>2217-891</b>	Date of Issuance:  <b>MAR 23 2006</b>
	Terms of Issuance: Conditional	
	Name of Pesticide Product:  <b>EH-1421 Herbicide</b>	
Name and Address of Registrant (include ZIP Code): <b>PBI/Gordon Corporation</b> 1217 West 12 <sup>th</sup> street P.O. Box 014090 Kansas City, MO 64101		
<p><b>Note:</b> 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.</p> <p>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.</p> <p>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.</p> <p>This product is registered in accordance with FIFRA sec.3(c)(7)(A) provided that you.</p> <ol style="list-style-type: none"> <li>1. Please make the following changes: <ol style="list-style-type: none"> <li>A. Add your EPA establishment number and net contents to the label.</li> <li>B. Revise the EPA Registration Number to read, "EPA Reg. No. 2217-891.</li> </ol> </li> </ol> <p><b>(Comments continued on the next page for this Notice of Registration)</b></p> <p>If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product under the enclosed stamped copy of the label constitutes acceptance of these conditions.</p>		
Signature of Approving Official:  <i>Joanne J. Miller</i>		Date:  <b>MAR 23 2006</b>

2. Submit storage stability (830.6317) and corrosion characteristics (830.6320) studies within one year of the date of this registration notice.
3. Submit and/or cite all data required for the registration/reregistration of this product when the Agency requires all registrants of similar products to submit data.
4. Submit one (1) copy of the final printed labeling before you release this product for shipment.

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

Joanne I. Miller  
Product Manager (23)  
Herbicide Branch  
Registration Division (7505C)

3/11

# EH-1421 HERBICIDE

**ACTIVE INGREDIENTS:**

Mecoprop-p, dimethylamine salt .....	3.91%
2,4-D, dimethylamine salt .....	4.23%
Dicamba, dimethylamine salt .....	0.87%
INERT INGREDIENTS: .....	90.99%
TOTAL	100.00%

**THIS PRODUCT CONTAINS:**

- 0.28 lb. (+)-R-2-(2-methyl-4-chlorophenoxy) propionic acid equivalent per gallon or 3.23%
- 0.30 lb. 2,4-Dichlorophenoxyacetic acid equivalent per gallon or 3.51%
- 0.06 lb. 3,6-dichloro-o-anisic acid equivalent per gallon or 0.72%
- Isomer Specific by AOAC Method 6.DO1-5.

TRIMEC® is a registered trademark of PBI/GORDON CORPORATION.

**ACCEPTED  
with COMMENTS  
In EPA Letter Dated:**

MAR 23 2006

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

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

2217-891

See side panels for additional Precautionary Statements and First Aid

NET CONTENTS: 16 FL. OZ. AND 32 FL. OZ.  
(1 PINT AND 1 QUART)

(EPA File Symbol 2217-IOR)

EPA EST NO 2217-KS-X

MANUFACTURED BY:



*An Employee-Owned Company*

1217 West 12th Street  
Kansas City, Missouri 64101

Telephone 1-800-821-7925

4/11



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

**PRECAUTIONARY STATEMENTS**

**CAUTION:** Causes moderate eye irritation. Wear protective eyewear. When using this product, wear long-sleeved shirt, long pants, socks, shoes and rubber gloves. Harmful if swallowed or absorbed through skin. Avoid contact with skin, eyes or clothing.

**Personal Hygiene Statements:**

After using this product, rinse gloves before removing, remove clothing and launder separately before reuse, and promptly and thoroughly wash hands and exposed skin with soap and water. Remove saturated clothing as soon as possible and shower.

**First Aid**

<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>
<b>If on skin or clothing:</b>	<ul style="list-style-type: none"> <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>
<b>If swallowed</b>	<ul style="list-style-type: none"> <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 the poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact 1-877-800-5556 for emergency medical treatment advice.	

**Engineering Control Statements :**

*Containers over 1 gallon and less than 5 gallons:* Persons engaged in open pouring of this product must also wear coveralls or a chemical resistant apron.

*Containers of 5 gallons or more:* Do not open-pour from this container. A mechanical system (such as probe and pump or spigot) must be used for transferring the contents of this container. If the contents of a non-refillable pesticide container are emptied, the probe must be rinsed before removal.

**ENVIRONMENTAL HAZARDS:**

This product is toxic to aquatic invertebrates. Drift or runoff may adversely affect aquatic invertebrates and nontarget plants. Do not apply directly to water. Do not contaminate water when disposing of equipment washwater. Do not apply when weather conditions favor drift from target area.

When cleaning equipment, do not pour the washwater on the ground; spray or drain over a large area away from wells and other water sources.

Most cases of groundwater contamination involving phenoxy herbicides such as 2,4-D and MCP-p have been associated with mixing/loading and disposal sites. Caution should be exercised when handling 2,4-D and MCP-p pesticides at such sites to prevent contamination of groundwater supplies. Use of closed systems for mixing or transferring this pesticide will reduce the probability of spills. Placement of the mixing/loading equipment on an impervious pad to contain spills will help prevent groundwater contamination.

### DIRECTIONS FOR USE

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

Do not allow people (other than applicator) or pets on treatment area during application. Do not enter treatment area until spray has dried or dust has settled.

### STORAGE & DISPOSAL

**PESTICIDE STORAGE:** Keep from freezing. Store in original container and place in locked storage area when not using.

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

**If partly filled:** Call you local solid waste agency of 1-800-CLEANUP for disposal instruction. Never place unused product down any indoor or outdoor drain.

### WHERE TO USE

This product is intended for use on lawns including:

Cool Season Turfgrass	Warm Season Turfgrass
Kentucky bluegrass	Common bermudagrass
Perennial ryegrass	Hybrid bermudagrass
Tall fescue	Zoysiagrass
Red or fine leaf fescues	Centipedegrass
Colonial bentgrass	St. Augustinegrass
Mixtures of cool season species	Buffalograss

### WHEN TO USE:

Spray at any time when weeds are growing. For best results, apply in spring when weeds are small and growing rapidly. Apply in the fall to control late germinating weeds.

### HOW TO USE:

The maximum application rate to turf is 0.6 pounds 2,4-D acid equivalent per acre per application per site. The maximum number of broadcast applications per treatment site is 2 per year.

### FOR ORTHO HOSE-END SPRAYERS OR GILMOUR® DIAL-A-MIX® LAWN AND GARDEN SPRAYER:

- **St. Augustinegrass and Centipedegrass:**

1. **Set the dial**—Set dial on 1 Tablespoon (Tbs.) or 3 Teaspoons (tsp.) per gallon.

2. **Fill**—Determine [Measure] the lawn area to be sprayed. Calculate square feet of rectangular areas by multiplying length by width. The application rate for this product is 2 fl. oz. per 1,000 sq. ft. of lawn. Add an adequate amount of herbicide to the spray bottle to treat the total lawn area.

*Example for 5,000 sq.ft. of lawn area:* Measure 10 fl.oz. into sprayer jar. Do not add water. Set dial on 1 Tablespoon (Tbs.) or 3 Teaspoons (tsp.) and spray uniformly on 5,000 sq.ft. of lawn.

3. **Spray**—Spray evenly over the lawn.

- **Bermudagrass, Buffalograss and Bentgrass:**

1. **Set the dial**—Set dial on 2 Tablespoon (Tbs.) or 6 Teaspoons (tsp.) per gallon.

2. **Fill**—Determine [Measure] the lawn area to be sprayed. Calculate square feet of rectangular areas by multiplying length by width. The application rate for this product is 4 fl. oz. per 1,000 sq. ft. of lawn. Add an adequate amount of herbicide to the spray bottle to treat the total lawn area.

*Example for 5,000 sq.ft. of lawn area:* Measure 20 fl.oz. into sprayer jar. Do not add water. Set dial on 2 Tablespoons (Tbs.) or 6 Teaspoons (tsp.) and spray uniformly on 5,000 sq.ft. of lawn.

3. **Spray**—Spray evenly over the lawn.

6/11

- **Kentucky Bluegrass, Fescue, Perennial Ryegrass and Zoysiagrass:**

**1. Set the dial—Set dial on 3 Tablespoon (Tbs.) or 9 Teaspoons (tsp.) per gallon.**

**2. Fill—**Determine [Measure] the lawn area to be sprayed. Calculate square feet of rectangular areas by multiplying length by width. The application rate for this product is 5 fl. oz. per 1,000 sq. ft. of lawn. Add an adequate amount of herbicide to the spray bottle to treat the *total* lawn area.

*Example for 5,000 sq.ft. of lawn area:* Measure 25 fl.oz. into sprayer jar. Do not add water. Set dial on 3 Tablespoons (Tbs.) or 9 Teaspoons (tsp.) and spray uniformly on 5,000 sq.ft. of lawn.

**3. Spray—**Spray evenly over the lawn.

**Spot Treatment with Pressure Sprayers:**

Apply any time the emerged broadleaf weeds are susceptible. If necessary, repeat treatment in 2 to 3 weeks if hard-to-kill weeds persist.

**Spray Preparation:**

1. Fill sprayer with water to the proper level. Use 1 gallon of water for every 250 square feet to be sprayed.
2. Add the required amount of EH-1421 Herbicide listed in Table 1 for the type of grass to be treated
3. Adjust spray nozzle to deliver coarse spray. Spray uniformly. Minimize contact of grass.

**St. Augustinegrass and Centipedegrass:**

- Mix ½ fl. oz. (1Tbs) in 1 gallon water and uniformly spray 250 sq.ft..
- Do not apply to St. Augustinegrass or centipedegrass emerging from winter dormancy; temperatures below 45°F within 72 hours of application may cause damage.
- Do not use on 'Floritam' St. Augustinegrass in Florida.

**Bermudagrass, Buffalograss and Bentgrass:**

- Mix 1 fl.oz. (2 Tbs) in 1 gallon water and uniformly spray 250 sq.ft. See Table 1 for additional spray preparations.

**Kentucky Bluegrass, Fescue, Perennial Ryegrass and Zoysiagrass:**

- Mix 1¼ fl.oz. (2½ Tbs) in 1 gallon water and uniformly spray 250 sq.ft. See Table 1 for additional spray preparations.

**Table 1. SPRAY PREPARATION FOR SPOT TREATMENTS OF VARIOUS LAWN GRASSES:**

Gallons of water	St. Augustinegrass and Centipedegrass (fl. oz.)	Bermudagrass, Buffalograss and Bentgrass (fl.oz.)	Bluegrass, Perennial ryegrass, Zoysiagrass and Fescue (fl. oz.)	Area to Treat (sq. ft.)
1	0.5 fl. oz.	1.0	1.25	250 sq.ft.
2	1.0 fl. oz.	2.0	2.5	500 sq.ft.
3	1.5 fl. oz.	3.0	3.75	750 sq.ft.

Or

Gallons of water	St. Augustinegrass and Centipedegrass (TBS)	Bermudagrass, Buffalograss and Bentgrass (TBS)	Bluegrass, Perennial ryegrass, Zoysiagrass and Fescue (TBS)	Area to Treat (sq. ft.)
1	1 TBS	2 TBS	2½ TBS	250 sq.ft.
2	2 TBS	4 TBS	5 TBS	500 sq.ft.
3	3 TBS	6 TBS	7½ TBS	750 sq.ft.

**EQUAL MEASURES:** 1 fluid ounce (fl. oz.) = 2 tablespoons (Tbs.) or 6 teaspoons (tsp.)

**For READY-TO-USE Hose End Sprayer with 32 fl. oz. jar capacity and with a 64:1 dilution rate. Two or three position (off, water only and spray) flow control with diptube.**

- Attach (connect) garden hose to the sprayer body. Turn the water control valve of spray nozzle to the "OFF" position. Turn on water at faucet. Extend hose to the farthest area of lawn to be treated and work towards faucet. To begin spraying, turn the water control valve to the "SPRAY" position. The herbicide mixes automatically with the water. Walk at a steady pace while spraying evenly. Refer to graduated scale (view strip) on side of container to guide coverage. To stop spraying, turn (rotate) water control valve to the "OFF" position. Turn off water at faucet. To relieve pressure, turn water control valve to the "ON" position and point sprayer away from any desirable plants before disconnecting the sprayer body from the garden hose.

**St. Augustinegrass and Centipedegrass:**

- Do not apply to St. Augustinegrass or centipedegrass emerging from winter dormancy; temperatures below 45°F within 72 hours of application may cause damage.
- Do not use on 'Floritam' St. Augustinegrass in Florida.
- Spray evenly and uniformly over area requiring application. Spray entire contents (32 fl. oz.) uniformly on 16,000 sq.ft. of lawn.

**Bermudagrass, Buffalograss and Bentgrass:**

- Spray evenly and uniformly over area requiring application. Spray entire contents (32 fl. oz.) uniformly on 8,000 sq.ft. of lawn.

**Kentucky Bluegrass, Fescue, Perennial Ryegrass and Zoysiagrass:**

- Spray evenly and uniformly over area requiring application. Spray entire contents (32 fl. oz.) uniformly on 6,400 sq.ft. of lawn.

**TIPS FOR IMPROVED CONTROL**

**Irrigation:**

- Do not apply this product immediately before rainfall or irrigation. Rain or watering within 4 hours after treatment may reduce effectiveness.

**Mowing:**

- Delay mowing 1 to 2 days before and after the application of this product.

**Reseeding Interval:**

- Treated areas may be reseeded 2 weeks after application.

**TURFGRASS TOLERANCE**

- Newly seeded lawns can be sprayed after first mowing.
- Avoid applications to these turfgrasses weakened by drought stress, temperature extremes, insect damage, herbicide injury, or disease injury. To reduce risk of lawn injury, avoid spraying drought stressed lawns or when temperatures are above 90°F.
- Temporary injury may occur with this product on bermudagrass on fine leaf fescues (eg. creeping red fescue and chewings fescue).
- The turf tolerance of centipedegrass and St. Augustinegrass can range from sensitive to tolerant. Do not apply this product to 'Floritam' St. Augustinegrass in Florida.

***Prohibitions:***

- Do not use this product on carpetgrass, dichondra or lawns containing desirable clovers.
- Do not spray roots of trees and ornamentals. Do not allow spray to drift onto vegetables, flowers, gardens, ornamental plants, shrubs, trees and other desirable plants since injury may result. Spray when air is calm.
- Do not exceed specified dosages for any area.



9/11

EH-1421 Herbicide controls troublesome and common lawn weeds including henbit, chickweed and clovers in both northern and southern grasses (Table 2).

Annual yellow sweetclover	Cockle		Spiny amaranth
Aster			
Austrian fieldcress		Narrowleaf plantain	Spiny sowthistle
Bedstraw	Creeping Jenny (Creeping Charlie)	Narrowleaf vetch	Spotted catsear
Beggarticks	Cudweed	Nettle	Spotted spurge
Betony, Florida	Curly dock	Orange hawkweed	Spurweed
	Daisy, English		Stinging nettle
Bird vetch	Daisy fleabane	Oxalis	Strawberry, India mock
Bitter wintercress	Daisy, oxeye	Parsley-piert	Tall nettle
Bittercress, hairy	Dandelion	Parsnip	
Bitterweed	Dichondra	Pearlwort	Tansy ragwort
Black mustard	Dollarweed		Thistle
Blackseed plantain		Pepperweed	Trailing crownvetch
Blessed thistle	False dandelion	Pigweed	Tumble mustard
Bloodflower milkweed		Pineywoods bedstraw	Tumble pigweed
Blue lettuce	False sunflower	Plains coreopsis	
		Plantain	Venice mallow
Bracted plantain	Florida pusley	Poison ivy	Virginia buttonweed
Bristly oxtongue	Galinsoga		Virginia pepperweed
Broadleaf dock		Poorjoe	
Broadleaf plantain	Goldenrod	Prairie sunflower	Wavyleaf bullthistle
	Ground ivy		Western clematis
	Gumweed		
Buckhorn plantain	Hairy fleabane	Prostrate knotweed	
Bulbous buttercup	Hawkweed	Prostrate pigweed	Wild aster
Bull thistle	Healall	Prostrate spurge	
Bullnettle	Heartleaf drymary		Wild carrot
Burclover	Heathaster		Wild four-o'clock
Burdock		Purslane, common	Wild garlic
Burning nettle		Ragweed	Wild geranium
Burweed		Red sorrel	Wild lettuce
Buttercup	Henbit	Redroot pigweed	Wild marigold
Buttonweed	Hoary cress	Redstem filaree	
Canada thistle	Hoary plantain	Rough cinquefoil	Wild onion
Carolina geranium	Hoary vervain		
Carpetweed			
Catchweed bedstraw			
Catnip	Knawel	Scarlet pimpernel	Wild strawberry
Catsear	Knotweed		
Chickweed, common		Sheep sorrel	Wild vetch
Chickweed, mouseear	Lambsquarters	Shepherdspurse	Woodsorrel
Chicory	Lespedeza	Slender plantain	Woolly croton
Cinquefoil	Mallow	Smallflower galinsoga	
Clover, crimson	Matchweed	Smooth dock	Woolly plantain
Clover, hop	Mexicanweed	Smooth pigweed	Wormseed
Clover, red	Milk vetch	Sorrel	Yarrow
Clover, strawberry		Sowthistle	Yellow rocket
Clover, sweet	Mouseear hawkweed	Spanishneedles	Yellowflower pepperweed
			and other broadleaf weeds
Clover, white	Mugwort	Speedwell	

**LIMITED WARRANTY AND DISCLAIMER.**

FOR USE ONLY AS DIRECTED. 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 and Disclaimer cannot be varied by any written or verbal statements or agreements at the point of sale or elsewhere.

APPENDIX
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*i. Advertising claims that may be used:* These claims may be presented on the retail container label or on the labeling accompanying the product.

- ◆ One quart covers up to 6,400, 8,000 or 16,000 square feet.
- ◆ This formulation covers up to 16,000 square feet per quart.
- ◆ One quart of product may treat up to 16,000 square feet of lawns established with St. Augustinegrass and centipedegrass.
- ◆ Controls common and troublesome weeds in lawns.
- ◆ Controls troublesome weeds including dandelion, chickweed, and clover.