



U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Registration Division (H7505C)  
401 "M" St., S.W.  
Washington, D.C. 20460

EPA Reg. Number:  
2217-890

Date of Issuance:  
OCT 28 2005

Term of Issuance:  
Conditional

Name of Pesticide Product:  
EH-1433 Weed and Feed

NOTICE OF PESTICIDE:  
  x   Registration  
       Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):  
PBI/Gordon Corporation  
1217 West 12<sup>th</sup> 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) provided that you:

1. Submit/cite all data required for the registration/reregistration review of your product when the Agency requires all registrants of similar products to submit such data.
2. Make the following label changes:
  - a. Revise the EPA Registration Number to read, "EPA Reg. No. 2217-890.
  - b. Under the "Ingredients" statement on the labeling, the line totaling the active and inert ingredients should be moved down one line to be below the "other ingredients" line.

Signature of Approving Official:  
*Joanne J. Miller*

Date:

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3. The results of the one year storage stability (830.6317) and corrosion characteristics (830.6320) studies must be submitted to the Agency within one-year of the date of this registration notice. The Agency requests that these studies be submitted electronically as well as in paper form.

4. Submit two copies of the revised final printed label for the record.

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

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.

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

Enclosure

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# EH-1433 WEED & FEED

## ACTIVE INGREDIENTS:

2,4-D, 2-ethylhexyl ester.....	0.842%
Mecoprop-p acid.....	0.127%
Dicamba acid.....	0.054%
Sulfentrazone.....	<u>0.025%</u>

OTHER INGREDIENTS: .....	98.952%
<b>TOTAL</b>	<b>100.000%</b>

### THIS PRODUCT CONTAINS:

- 11.18 lbs. 2,4-dichlorophenoxyacetic acid equivalent per ton or 0.559%
- 2.54 lbs. (+)-(R)-2-(2-methyl-4-chlorophenoxy)propionic acid equivalent per ton or 0.127%
- 1.08 lbs. 3,6-dichloro-o-anisic acid equivalent per ton or 0.054%
- 0.50 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 0.025%

### 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

Isomer Specific by AOAC Methods

TRIMEC<sup>®</sup> is a registered trademark of PBI/Gordon Corporation.

Note: The Guaranteed Analysis and other required fertilizer statements may be presented on the front panel of the container label. A sample Guaranteed Analysis and related statements are presented in the Appendix of this labeling.

## KEEP OUT OF REACH OF CHILDREN

## CAUTION

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

**OCT 28 2005**  
Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under EPA Reg. No.

2217-890

See back panel for additional Precautionary Statements and First Aid.

**NET WEIGHT: 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:



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**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.

<b>First Aid</b>	
<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. 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 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>
<p>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 information.</p>	

**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.

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.

**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 areas until dust has 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:**

**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-1433 Weed & Feed 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. In addition, a x-x-x (grade percentage) fertilizer provides a supply of plant nutrients.

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**USE PRECAUTIONS:**

Do not use on dichondra, carpetgrass, 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.

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:**

***For Kentucky bluegrass, fescue spp., perennial ryegrass, common bermudagrass, St. Augustinegrass and zoysiagrass:***

Apply 3.0 to 3.6 pounds of product per 1,000 square feet of turfgrass. A second application may be made in approximately 30 days.

The maximum application rate to turf is 0.9 pound 2,4-D acid equivalent per acre per application per site. The maximum number of broadcast applications per treatment site is 2 per year.

Do not apply this product to 'Floritam' St. Augustinegrass in Florida.

**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 granules 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 granules 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.

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**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.
14	3.0	4700
	3.5	4000
	3.6	3900
15	3.0	5000
	3.5	4300
	3.6	4200
16	3.0	5300
	3.5	4600
	3.6	4400
17	3.0	5700
	3.5	4900
	3.6	4700
18	3.0	5400
	3.5	5100
	3.6	5000
19	3.0	6300
	3.5	5400
	3.6	5300
20	3.0	6700
	3.5	5700
	3.6	5600
25	3.0	7500
	3.5	7100
	3.6	6900
30	3.0	10000
	3.5	8600
	3.6	8300

**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 3.0 pounds of product per 1,000 square feet of turfgrass: Check your spreader on 333 square feet and adjust to apply at the rate of 1 pound of product per 333 square feet.
- For 3.5 pounds of product per 1,000 square feet of turfgrass: Check your spreader on 285 square feet and adjust to apply at the rate of 1 pound of product per 285 square feet.
- For 3.6 pounds of product per 1,000 square feet of turfgrass: Check your spreader on 275 square feet and adjust to apply at the rate of 1 pound of product per 275 square feet.

Delivers \_\_\_ lbs./1,000 sq. ft.

Spreader	3.0 lbs	3.5 lbs	3.6 lbs
LESCO <sup>®</sup> Rotary calibration gauge setting #	X	X	X
Ortho <sup>®</sup> Drop (5000)	X	X	X
Ortho <sup>®</sup> Rotary (6000)	X	X	X
Precision <sup>®</sup> Red Devil <sup>®</sup> Rotary	X	X	X
Quaker <sup>®</sup> Rotary	X	X	X
Republic <sup>®</sup> EZ Drop	X	X	X
Republic <sup>®</sup> EZ Grow	X	X	X
Republic <sup>®</sup> EZ Rotary	X	X	X
Scotts <sup>®</sup> Drop (PF3)	X	X	X
Scotts <sup>®</sup> Easy Green	X	X	X
Scotts <sup>®</sup> Speedy Green	X	X	X
True Temper Rotary	X	X	X

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OR

<b>Spreader settings for 1.0 pound of product per 285 square feet</b>	
Scotts EasyGreen® Rotary .....	26
Scotts Drop.....	5
Scotts SpeedyGreen® Rotary.....	3½
GreenView Drop (Spred II).....	4
Central Drop (#205).....	5½
Sears Drop (#19810).....	4
Ortho Drop (#5000).....	5
Precision Drop (Red Devil).....	4

**Advisory For Fertilizers Containing Iron:**

Keep this product off sidewalks, patios, driveways, etc. This fertilizer may contain iron which will stain concrete and painted surfaces. If it comes in contact with concrete surfaces, sweep off immediately before flushing with water. If concrete is wet when contact occurs, staining may be impossible to prevent. Be careful when using rotary spreaders which scatter fertilizer beyond lawn edge and onto concrete.

**Fertilizer Labeling Requirements by Association of American Plant Food Control Officials (AAPFCO):**

• Information regarding the contents and levels of metals in this product is available on the Internet at <http://www.aapfco.org/metal.htm>.

OR

• Information regarding the contents and levels of metals in this product is available on the Internet at <http://www.regulatory-info-xx.com>

Each registrant shall substitute a unique alphanumeric identifier for "xx". This statement may be used only if the licensee establishes and maintains the Internet site: there is a clearly visible, direct hyperlink to a government website; and the Internet site contains no advertising or company specific information



**- BROADLEAF WEEDS -**

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

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**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.

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**APPENDIX**

**I. Guaranteed Analysis:**

<b>GUARANTEED ANALYSIS XX-X-X</b>	
Total Nitrogen (N) .....	XX%
x.x% ammoniacal nitrogen	
x.x% urea nitrogen*	
Available Phosphate (P <sub>2</sub> O <sub>5</sub> ) .....	X%
Soluble Potash (K <sub>2</sub> O) .....	X%
Sulfur (S) .....	X%
x.x% free sulfur (S)	
Derived from: polymer-coated sulfur-coated urea, urea, ammonium phosphate, potassium chloride.	
*A portion of the urea has been coated to provide x.x% coated slow-release nitrogen.	
This product and/or its manufacture is covered by one or more of the following U.S. patents and international counterparts thereof: US Patent Numbers: xxxxxx	

*Note:* Fertilizer grades with nutrient contents expressed as the percentages of N, P<sub>2</sub>O<sub>5</sub> and K<sub>2</sub>O may include the following: 23-3-7 or x-x-x. The fertilizer grade analyses may contain macronutrients and micronutrients. The nutrient contents expressed will vary among states, and the analyses will differ between supplemental registrations.

**II. State fertilizer labeling requirements:**

**Fertilizer Labeling Requirements by Association of American Plant Food Control Officials (AAPFCO):**

- Information regarding the contents and levels of metals in this product is available on the Internet at <http://www.aapfco.org/metal.htm>.
- OR
- Information regarding the contents and levels of metals in this product is available on the Internet at <http://www.regulatory-info-xx.com>
- Each registrant shall substitute a unique alphanumeric identifier for "xx". This statement may be used only if the licensee establishes and maintains the Internet site: there is a clearly visible, direct hyperlink to a government website; and the Internet site contains no advertising or company specific information

Typically a lawn will utilize 1 to 4 pounds of nitrogen per 1,000 square feet per growing season. When used as directed this product will supplement your regular fertilizer program by providing \_\_\_ pounds of nitrogen per 1,000 square feet. Consult your local Extension office for questions regarding a fertilizer program suitable to your geographical region.

**III. Fertilizer Grades:**

Fertilizer grades with nutrient contents expressed as the percentages of N, P<sub>2</sub>O<sub>5</sub>, and K<sub>2</sub>O include the following:

19-6-8	23-3-7	26-4-4	30-4-4
22-3-3	25-3-3	26-4-6	32-3-3
22-3-6	25-4-8	28-0-3	32-4-8
22-3-17	26-3-6	29-3-4	24-4-8
22-4-11		30-3-3	