

2217-811

10-22-2009

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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:

Date of Issuance:

2217-811

OCT 22 2009

Term of Issuance:

Name of Pesticide Product:

EH1328 Weed and Feed

NOTICE OF PESTICIDE:

Registration  
 Reregistration  
(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

PBI/Gordon Corporation  
1217 West 12<sup>th</sup> Street  
Kansas City, MO 64101

~~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 reregistered in accordance with FIFRA section 4(g)(2)(C) provided you:

1. Submit and/or cite all data required for registration/reregistration review of your product when the Agency requires all registrants of similar products to submit data.
2. Make all the following changes to the product label:
  - a. Change the heading from "Inert Ingredients" to "Other Ingredients".
  - b. Revise the Hazards to Humans and Domestic Animals statement to read as follows:  
"CAUTION: Harmful if swallowed or absorbed through skin. Avoid contact with skin, eyes, or clothing. Wear long-sleeved shirt, long pants, socks, shoes, and gloves. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse."
  - c. Revise the First Aid section in the following order based on toxicity ranking:  
"If Swallowed"  
"If on Skin or Clothing"  
"If in Eyes" (optional)

Continued on Page 2

Signature of Approving Official:

Joanne Miller  
Product Manager 23  
Herbicide Branch  
Registration Division (7505P)

Date:

OCT 22 2009

- d. It is suggested that an emergency contact number be included in the First Aid section.
- e. The following groundwater statement must be included in the alternate PRN 2008-1 Environmental Hazards section:  
“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.”
- f. Remove the word “General” from the heading “General Precautions and Restrictions”.
- g. On page 3, revise the sentence to read “The second application of 3.0 to 3.6 pounds of product per 1,000 square feet **must be made at least** 30 days after the first application.”
- h. Add the statement “Do not contaminate water, food, or feed by storage and disposal.” directly below the Storage and Disposal heading.
- i. Revise the heading from “Container Disposal” to “Pesticide and Container Disposal” and revise the text to read “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.”
- j. On page 6, remove or revise the claim “Specially formulated to promote root building and winter hardiness.”, as it implies the product possesses unique characteristics due to its composition, which is false and misleading.

A stamped copy of your label is enclosed for your records. You must submit one (1) copy of the final printed label before you release the product for shipment. Products shipped after twelve (12) months from the date of this notice must bear the new revised label. 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.

Enclosure

Stampad 11/7/08

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ACCEPTED  
with COMMENTS  
In EPA Letter Dated:  
OCT 22 2009

# EH1328 WEED AND FEED

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

## EPA Reg. No. 2217-811

**2217-811**

### ACTIVE INGREDIENT:

Dimethylamine salt of 2,4-dichlorophenoxyacetic acid .....	0.78%
Dimethylamine salt of (+)-(R)-2-(2-methyl-4-chlorophenoxy)propionic acid .....	0.15%
Dimethylamine salt of dicamba (3,6-dichloro-o-anisic acid) .....	0.04%
INERT INGREDIENTS: .....	99.03%
TOTAL .....	100.00%

### THIS PRODUCT CONTAINS:

- 13.00 lbs 2,4-dichlorophenoxyacetic acid equivalent per ton or 0.65%
- 2.60 lbs (+)-(R)-2-(2-methyl-4-chlorophenoxy)propionic acid equivalent per ton or 0.13%
- 0.60 lbs 3, 6-dichloro-o-anisic acid equivalent per ton or 0.03%

Isomer Specific by AOAC Methods.

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

## 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 and Domestic Animals

**CAUTION:** Harmful if swallowed. Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Wear long-sleeved shirt, long pants, socks, shoes and gloves. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.

First Aid	
<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 give anything by mouth to an unconscious person. Do not induce vomiting unless told to by a poison control center or doctor.</li> </ul>
<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:</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>
Have the product container or label with you when calling a poison control center or doctor or going for treatment.	



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## **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. 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.

### **[Environmental Hazards (alternate per PRN 2008-1)**

This pesticide is toxic to fish and aquatic invertebrates and may adversely affect non-target plants. 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. Sweeping any product that lands on a driveway, sidewalk, or street, back onto the treated area of the lawn or garden will help to prevent run off to water bodies or drainage systems.]

## **DIRECTIONS FOR USE**

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

### **GENERAL PRECAUTIONS AND RESTRICTIONS:**

- 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.
- Do not use this product where desirable clovers are present. Apply when the air is calm. Do not apply to newly seeded lawns until after the third mowing.
- Do not use this product on or near desirable plants, and avoid spreading granules onto exposed root systems or adventitious shoots (rhizomes) 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. Apply this product directly to your lawn, and sweep any product landing on the driveway, sidewalk, gutter, or street back onto the treated area. 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.

### **WHERE TO USE:**

EH1328 Weed and Feed 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 29-3-4 fertilizer provides a supply of plant food. Supplemental nitrogen, phosphorus, and potash should be applied according to soil tests or State Extension Service recommendations.

EH1328 Weed and Feed controls broadleaf weeds commonly found in cool season and warm season turfgrass established in residential areas. Established turf of Kentucky bluegrass, fescues, and perennial ryegrass may be treated. Established turf of bermudagrass, zoysiagrass, St. Augustinegrass, and centipedegrass may be treated. Residential areas include turfgrass established around residences, apartment complexes, condominiums, vacant lots, or areas associated with households.

Do not apply this product to carpetgrass, dichondra, ornamentals, or lawns containing desirable clovers.

### **APPLICATION INSTRUCTIONS:**

1. Mow lawn to normal height 1 to 2 days before application.

2. Water lawn thoroughly at least 1 day before application to sustain moisture until the next watering (see step 4).
3. Apply when weeds are young and growing actively, preferably in the morning when dew is on the grass. If grass is not moist at time of application, sprinkle lightly with water to allow the granules to adhere and to remain on the leaf surface of the weeds.
4. Do not wash from weed leaves for 1 to 2 days after application. At this time a thorough watering should be made.

APPLICATION INSTRUCTIONS: (Optional Tabular Format)	
Application Schedule	Cultural Practices
1 to 2 days before application	Mow lawn to normal height 1 to 2 days before application.
1 day before application	Water lawn thoroughly at least 1 day before application to sustain moisture until the next watering.
Day of application	Apply when weeds are young and growing actively, preferably in the morning when dew is on the grass. If grass is not moist at time of application, sprinkle lightly with water to hold the material.
1 to 2 days after application	Do not wash from weed leaves for 1 to 2 days after application. At this time a thorough watering should be made.

**HOW MUCH TO APPLY:**

**For Kentucky bluegrass, fescues, and perennial ryegrass, bermudagrass, zoysiagrass, St. Augustinegrass and centipedegrass:** Apply 3.0 to 3.6 pounds of product per 1,000 square feet of turfgrass. A second or follow-up application may be required for dense infestations of weeds or for adverse seasonal conditions. The second application of 3.0 to 3.6 pounds of product per 1,000 square feet should be used 30 days after the first application. Do not apply this product to 'Floritam' St. Augustinegrass in Florida.

The maximum broadcast application rate is 3.6 pounds of product per 1,000 sq.ft. per application (1.02 lbs 2,4-D ae, 0.2 lb MCP-P ae and 0.05 lb dicamba ae 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 seasonal rate is 7.2 pounds of product per 1,000 sq.ft. (2.04 lbs 2,4-D ae, 0.40 lb MCP-P ae and 0.10 lb dicamba ae per acre).

A uniform distribution of product on the treated area is essential. Choose a calm day to insure uniform coverage and to avoid spreading granules onto flowers, vegetables, and ornamental shrubbery. Do not exceed the application rate for any area.

Drop spreaders and rotary spreaders should be calibrated for uniform applications of this product.

**CALIBRATION INSTRUCTIONS:**

Refer to the rate table (in the appendix) for the appropriate bag sizes and the area to be treated.

- 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.
- For 3.2 pounds of product per 1,000 square feet of turfgrass: Check your spreader on 310 square feet and adjust to apply at the rate of 1 pound of product per 310 square feet.
- For 3.4 pounds of product per 1,000 square feet of turfgrass: Check your spreader on 300 square feet and adjust to apply at the rate of 1 pound of product per 300 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.

**[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, Pounds	Application Rate, Pounds/1,000 Sq.Ft.	Treated Area for This Bag Size, Square Feet	Bag Size, Pounds	Application Rate, Pounds/1,000 Sq.Ft.	Treated Area for This Bag Size, Square Feet
15	3.0	5,000	18	3.0	6,000
	3.2	4,700		3.2	5,600
	3.4	4,400		3.4	5,300
	3.6	4,200		3.6	5,000
16	3.0	5,300	20	3.0	6,600
	3.2	5,000		3.2	6,300
	3.4	4,700		3.4	5,900
	3.6	4,400		3.6	5,600
17	3.0	5,600	36	3.0	12,000
	3.2	5,300		3.2	11,200
	3.4	5,000		3.4	10,600
	3.6	4,700		3.6	10,000

**SPREADER PATTERNS AND PRODUCT DISTRIBUTION:**

1. Apply two header strips.
2. Operate spreader the longest way of the lawn.
3. For drop spreaders, overlap wheels to insure complete coverage.
4. Close spreader openings when turning.

**SINGLE PASS DISTRIBUTION:**

First spread the borders of your lawn. Then spread the center by spreading in straight line passes. Spread at a uniform walking speed to insure even coverage [Graphics Optional]. To avoid gaps and streaks, first spread the border and fill in center with uniform, parallel passes.

**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. [Graphics Optional]

**[Advisory For Fertilizers Containing Iron:**

- Contains 1% Iron
- Keep this product off sidewalks, patios, driveways, etc. This fertilizer contains 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.]

<b>BROADLEAF WEEDS</b>			
Annual yellow sweetclover	Cockle	Musk thistle	Spiny amaranth
Aster	Cocklebur	Mustard	Spiny cocklebur
Austrian fieldcress	Common mullein	Narrowleaf plantain	Spiny sowthistle
Bedstraw	Creeping jenny	Narrowleaf vetch	Spotted catsear
Beggarticks	Cudweed	Nettle	Spotted spurge
Betony, Florida	Curly dock	Orange hawkweed	Spurweed
Bindweed, field	Daisy, English	Oriental cocklebur	Stinging nettle
Bird vetch	Daisy fleabane	Oxalis	Strawberry, India mock
Bitter wintercress	Daisy, oxeye	Parsley-piert	Tall nettle
Bittercress, hairy	Dandelion	Parsnip	Tall vervain
Bitterweed	Dichondra	Pearlwort	Tansy ragwort
Black-eyed Susan	Dogbane	Pennycress	Tansy mustard
Black medic	Dogfennel	Pennywort	Tanweed
Black mustard	Dollarweed	Peppergrass	Thistle
Blackseed plantain	Elderberry	Pepperweed	Trailing crownvetch

<b>BROADLEAF WEEDS</b>			
Blessed thistle	False dandelion	Pigweed	Tumble mustard
Bloodflower milkweed	Falseflax	Pineywoods bedstraw	Tumble pigweed
Blue lettuce	False sunflower	Plains coreopsis (tickseed)	Velvetleaf
Blue vervain	Fiddleneck	Plantain	Venice mallow
Bracted plantain	Florida pusley	Poison ivy	Virginia buttonweed
Brassbuttons	Frenchweed	Poison oak	Virginia creeper
Bristly oxtongue	Galinsoga	Pokeweed	Virginia pepperweed
Broadleaf dock	Goathead	Poorjoe	Water pennywort
Broadleaf plantain	Goldenrod	Prairie sunflower	Wavyleaf bullthistle
Broomweed	Ground ivy	Prickly lettuce	Western clematis
Buckhorn	Gumweed	Prickly sida	Western salsify
Buckhorn plantain	Hairy fleabane	Prostrate knotweed	White mustard
Bulbous buttercup	Hawkweed	Prostrate pigweed	Wild aster
Bull thistle	Healall	Prostrate spurge	Wild buckwheat
Bullnettle	Heartleaf drymary	Prostrate vervain	Wild carrot
Burclover	Heathaster	Puncturevine	Wild four-o'clock
Burdock	Hedge bindweed	Purslane, common	Wild garlic
Burning nettle	Hedge mustard	Ragweed	Wild geranium
Burweed	Hemp	Red sorrel	Wild lettuce
Buttercup	Henbit	Redroot pigweed	Wild marigold
Buttonweed	Hoary cress	Redstem filaree	Wild mustard
Canada thistle	Hoary plantain	Rough cinquefoil	Wild onion
Carolina geranium	Hoary vervain	Rough fleabane	Wild parsnip
Carpetweed	Horsenettle	Russian pigweed	Wild radish
Catchweed bedstraw	Jimsonweed	Russian thistle	Wild rape
Catnip	Knawel	Scarlet pimpernel	Wild strawberry
Catsear	Knotweed	Scotch thistle	Wild sweet potato
Chickweed, common	Kochia	Sheep sorrel	Wild vetch
Chickweed, mouseear	Lambsquarters	Shepherdspurse	Woodsorrel
Chicory	Lespedeza	Slender plantain	Woolly croton
Cinquefoil	Mallow	Smallflower galinsoga	Woolly morningglory
Clover, crimson	Matchweed	Smooth dock	Woolly plantain
Clover, hop	Mexicanweed	Smooth pigweed	Wormseed
Clover, red	Milk vetch	Sorrel	Yarrow
Clover, strawberry	Morningglory	Sowthistle	Yellow rocket
Clover, sweet	Mouseear hawkweed	Spanishneedles	Yellowflower pepperweed
Clover, white	Mugwort	Speedwell	and other broadleaf weeds

**Fertilizer Labeling Requirements:**

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

**[Referrals to other sequentially used products:**

- For best results, apply (brand name) products.
- Apply using the 4-Step Program
- **Forevergreen 4-Step Program:**
  - STEP 1: Forevergreen Crabgrass Preventor - Apply March - early May - Prevents crabgrass and most other annual weed grasses. - Greens your lawn with extended feeding nitrogen.
  - STEP 2: Forevergreen Weed & Feed - Apply May - June - Kills dandelion, clover, plantain and over XXX other broadleaf weeds. - Thickens and greens your lawn with extended feeding nitrogen.
  - STEP 3: Forevergreen Lawn Food - Apply June - August - Thickens and promotes a lush green lawn. - Greens with iron and sulfur. - Thickens and greens your lawn with extended feeding nitrogen.
  - STEP 4: Forevergreen Winterizer & Weed Control - Apply late August - mid October - Kills dandelion, clover, plantain and over XXX other broadleaf weeds. - Slow release nitrogen for long lasting feeding.

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OR

STEP 4: Forevergreen Starter & Winterizer - Apply late August - November - Slow release nitrogen for long lasting feeding. - Enhances root building and prepares your lawn for winter dormancy. - Use with new seeding and sodding of turfgrass.]

### **STORAGE AND DISPOSAL**

**PESTICIDE STORAGE:** Store in original container in a locked storage area inaccessible to children and domestic animals. Do not store near food or feedstuffs.

**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-xxx-xxxx) 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 AND DISCLAIMER 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 Weight: \_\_\_\_\_
- EPA Est. No. \_\_\_\_\_

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

- (Fifteen, Sixteen, Seventeen, Eighteen, or Twenty) Pounds Covers Up To 5,000 Square Feet.
- Controls Dandelion, Chickweed, Knotweed, Plantain, Henbit, Spurge and other broadleaf weeds.
- Controls (number) weeds!
- Answers to FAQ's on the internet at [www.xxxxx.com](http://www.xxxxx.com)
- Contains slow release nitrogen for long lasting feeding without burning, when applied as directed.
- Continual root development for a thick, lush lawn.
- Green Cycle
  - Spring - Crabgrass Control & Lawn Food
  - Summer - Weed & Feed
  - Fall - Lawn Food
  - Winter - Fall & Winter Lawn Food
- Lilly Miller Ultragreen [product] feeds and protects all year long!
- A Granular Fertilizer Containing Trimec® Herbicide Which Controls: [weeds]
- Specially formulated to promote root building and winter hardiness.



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- Slow release nitrogen for a longer lasting green lawn
- Controls Over 150 Broadleaf Weeds!
- Prepares Your Lawn For Winter
- 100% Satisfaction Guarantee Or Your Money Back

**3. Previously Approved Fertilizer Grades:**

- Fertilizer grades with nutrient contents expressed as the percentages of N, P2O5, and K2O include the following:

22-0-8	26-0-3	
22-0-10	29-3-4	
23-3-7		

- The fertilizer grade guaranteed analyses may contain macronutrients and micronutrients. The nutrient contents expressed will vary among states, and the analyses will differ between supplemental registrations.

<b>23-3-7 GUARANTEED ANALYSIS</b>	
Total Nitrogen (N) .....	23%
Water Insoluble Nitrogen .....	5%
Available Phosphate (P2O5) .....	3%
Soluble Potash (K2O) .....	7%

**DOCUMENT CONTROL INFORMATION**

1. **Unique Label Identifier:** 002217-00811.20081105.proposed.doc
2. **Reason for Issue:** Various changes pertaining to re-registration. Re-format label.