

2217-926

8/11/2009

Jacket  
10/11



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: 2217-926  
Date of Issuance: AUG 11 2009

NOTICE OF PESTICIDE:  
 Registration  
 Reregistration  
(under FIFRA, as amended)

Term of Issuance: conditional  
Name of Pesticide Product: EH-1470 Weed and Feed

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 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; and submit acceptable responses required for reregistration of your products under FIFRA section 4.
2. Within one year from the date of this Notice, conduct one year studies for guidelines 830.6317 (storage stability) and 830.6320 (corrosion characteristics) and submit the results in electronic and hard copy format. It is recommended that the observations be made at 3, 6, 9 and 12 month intervals.
3. Make the following label changes:
  - a. Change the EPA Registration No. to 2217-926.
4. The acute toxicity review determined the "ocular statement" is the only one that is required in the "First Aid" statement. However, you may choose to retain the other statements.

Signature of Approving Official:  
Joanne I. Miller  
Product Manager 23  
Herbicide Branch  
Registration Division (7505P)

Date:  
AUG 11 2009

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Submit one copy of the revised final printed label for the record.

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.

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**ACCEPTED**  
 with **COMMENTS**  
 In EPA Letter Dated:  
 AUG 11 2009

# EH-1470 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-XXX

2217-926

**ACTIVE INGREDIENT:**

|                  |        |
|------------------|--------|
| 2,4-D .....      | 0.675% |
| Dicamba .....    | 0.060% |
| Dithiopyr .....  | 0.121% |
| Quinclorac ..... | 0.346% |

|                                 |                 |
|---------------------------------|-----------------|
| <b>OTHER INGREDIENTS:</b> ..... | <b>98.798%</b>  |
| <b>TOTAL</b> .....              | <b>100.000%</b> |

**THIS PRODUCT CONTAINS:**

- 13.50 lbs 2,4-dichlorophenoxyacetic acid equivalent per ton (CAS 1928-43-4)
  - 1.20 lbs 3,6-dichloro-o-anisic acid equivalent per ton (CAS 1918-00-9)
  - 2.42 lbs dithiopyr per ton (CAS 97886-45-8)
  - 6.92 lbs quinclorac per ton (CAS 84087-01-4)
- Isomer Specific By AOAC Methods.

| <b>GUARANTEED FERTILIZER ANALYSIS</b>  |      |
|--|------|
| Total Nitrogen (N) .....   | x.x% |
| x.x% Ammoniacal Nitrogen   |      |
| x.x% Water Insoluble Nitrogen  |      |
| x.x% Urea Nitrogen   |      |
| x.x% Other Water Soluble Nitrogen  |      |
| Available Phosphate (P2O5) .....   | x.x% |
| Soluble Potash (K2O) .....   | x.x% |
| Iron (Fe) .....  | x.x% |
| Nutrient Sources: [Guaranteed analysis and nutrient sources to be supplied based on fertilizer analysis used by manufacturer.] |      |

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



| <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.</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 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 a poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul> |
| <b>If on skin or on 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>  |
| Have the product container or label with you when calling a poison control center or doctor or going for treatment. For additional information in case of emergency, call toll free 1-877-800-5556. |  |

### **Environmental Hazards**

This pesticide is toxic to fish and aquatic invertebrates. Do not apply directly to water. 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.

These chemicals (2,4-D and dicamba) have properties and characteristics associated with chemicals detected in groundwater. The use of these chemicals 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. 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.

These chemicals (2,4-D and dicamba) have properties and characteristics associated with chemicals detected in groundwater. The use of these chemicals 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.

### **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 or for research purposes.
- EH 1470 Herbicide is not sold, distributed, or registered within the state of New York. Do not use in the state of New York.

**Product Description**

[Product name] is formulated [designed] to feed your lawn and control most annual grasses and broadleaf weeds commonly found in home lawns. The product contains a lawn fertilizer and four different herbicides.

- [The fertilizer contains slow release nutrients that may extend the availability for turfgrass uptake.]
- The four herbicides combine to kill many different kinds of weeds at different stages of development.
- Grass weeds: Preemergent control of crabgrass, foxtails, and other annual grass weeds. Postemergent control of crabgrass.
- Broadleaf weeds: Preemergent control of [chickweed, henbit, knotweed, shepherdspurge, spurge, woodsorel, and other] broadleaf weeds. Postemergent control of [over] [XXX] broadleaf weeds including dandelion, chickweed, thistle and clover. [A partial list of broadleaf weeds is presented on this label.]

**Where To Use**

[Product name] may be used on the following established turf species:

**Established Cool Season Turfgrass:** Kentucky bluegrass, rough bluegrass (*Poa trivialis*), perennial ryegrass, fine fescues, tall fescue, seashore paspalum

**Established Warm Season Turfgrass:** Bermudagrass, buffalograss, zoysiagrass

[Product name] may NOT be used on: annual bluegrass (*Poa annua*), bahiagrass, bentgrass, carpetgrass, centipedegrass, dichondra, St. Augustine. Do not use this product on turfgrass where desirable clovers are present.

**Guidelines to follow:** The use of [product name] on lawns and ornamental turfgrasses that are not well established, or have been weakened by stress due to mechanical operations, chemical injury, disease, insects, pests, excessive temperatures, or lack of moisture may increase the chances for turfgrass injury. Allow turfgrass weakened by these stresses to recover before application of this product.

| <b>WEEDS CONTROLLED</b>  |   |  |  |
|--|---|--|--|
| When applied as directed, this product will control and/or suppress* the following weeds:  |   |  |  |
| <b>Annual Grass Weeds:</b>   |   |  |  |
| Annual bluegrass ( <i>Poa annua</i> )<br>Annual ryegrass   | Barnyardgrass*<br>Crabgrass (smooth, southern, large)   | Foxtail (green, yellow, giant)   | Goosegrass*<br>(crowfootgrass)   |
| <b>A partial listing of established broadleaf weeds:</b> [see appendix for complete list or include here]  |   |  |  |
| Bedstraw<br>Beggarticks<br>Black medic<br>Broadleaf plantain<br>Buckhorn plantain<br>Burclover<br>Burdock<br>Carpetweed<br>Chickweed, common<br>Chickweed, mouseear<br>Chicory<br>Clover, hop<br>Clover, strawberry<br>Clover, white | Curly dock<br>Daisy, oxeye<br>Dandelion<br>Dichondra<br>False dandelion<br>Ground ivy<br>Healall<br>Henbit<br>Knotweed<br>Lambsquarters<br>Lespedeza<br>Mallow<br>Matchweed<br>Morningglory | Mustard<br>Narrowleaf plantain<br>Oxalis<br>Parsley-piert<br>Pearlwort<br>Pennycress<br>Pepperweed<br>Pigweed<br>Plantain<br>Poison ivy<br>Poison oak<br>Pokeweed<br>Purslane, common<br>Ragweed | Red sorrel<br>Redroot pigweed<br>Sheep sorrel<br>Shepherdspurge<br>Slender plantain<br>Smooth dock<br>Smooth pigweed<br>Spurge<br>Thistle<br>Woodsorrel<br>Yarrow<br>and other broadleaf weeds |
| * for acceptable control of barnyardgrass and goosegrass, two applications made at a 6 to 10 week interval are needed  |   |  |  |

### When To Apply

This product may be applied as a single application or as split applications in the spring, early summer, or fall.

**For annual grasses such as crabgrass (smooth, southern and large) and foxtail (green, yellow, and giant):** Apply in the spring and early summer. For best results, apply this product from 2 weeks before weed germination until the weed is 4 inches tall. For dense populations, make a second application no sooner than 30 days after the first application.

**For broadleaf weed control:** Spring applications: for [choose weeds from broadleaf weed list]. Fall applications: for [choose weeds from broadleaf weed list]. For best results, apply when broadleaf weeds are young and actively growing with adequate soil moisture and favorable temperatures (50° to 80°F).

### How To Apply

- This product needs to stick to the leaves of broadleaf weeds and should be applied when the grass is wet from dew or rain.
- Poor results will occur if applied to dry lawns. When dry conditions exist, irrigate [or water] the turfgrass 24 hours before application.
- For best results, irrigate after the application. However do not irrigate [or water] sooner than 24 hours after application.
- Apply this product when the wind is calm.
- Do not spread granules onto flowers, vegetables, and ornamental shrubbery.
- Turf species listed on this label can be seeded, sodded, sprigged, or plugged into the treated areas 4 weeks after the application of this product.
- When treating newly planted areas, wait approximately 6 weeks after seedling emergence before applying this product.
- Delay mowing 2 days before and until 3 days after the application of this product. Additional stress from low mowing heights may increase the possibility of turf injury.
- Clippings from the first three mowings should be left on the treated area. Do not use clippings from the treated areas as mulch or compost around flowers, ornamentals, trees, or in vegetable gardens.

### How Much To Use

Use a drop or rotary spreader designed to apply granular fertilizers. Avoid skips or excessive overlaps as poor weed control or turfgrass injury may result.

Apply 2.4 to 4.5 pounds of product per 1,000 sq.ft. per application to established turfgrass.

[For products using the 4.5 lb/1000 sq.ft. rate:] The maximum broadcast application rate is 4.5 pounds of product per 1,000 sq.ft. per application [1.32 lbs 2,4-D ae, 0.12 lb dicamba ae, 0.24 lb dithiopyr, and 0.68 lb quinclorac 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 (seasonal) rate is 9 pounds of product per 1,000 sq.ft. [2.64 lbs 2,4-D ae, 0.24 lb dicamba ae, 0.47 lb dithiopyr, and 1.36 lb quinclorac per acre].

[For products using the 3.6 lb/1000 sq.ft. rate:] The maximum broadcast application rate is 3.6 pounds of product per 1,000 sq.ft. per application [1.06 lbs 2,4-D ae, 0.10 lb dicamba ae, 0.19 lb dithiopyr, and 0.54 lb quinclorac 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 (seasonal) rate is 7.2 pounds of product per 1,000 sq.ft. [2.12 lbs 2,4-D ae, 0.20 lb dicamba ae, 0.38 lb dithiopyr, and 1.08 lb quinclorac per acre].

[For products using the 2.4 lb/1000 sq.ft. rate:] The maximum broadcast application rate is 2.4 pounds of product per 1,000 sq.ft. per application [0.71 lbs 2,4-D ae, 0.06 lb dicamba ae, 0.13 lb dithiopyr, and 0.6

lb quinclorac 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 (seasonal) rate is 4.8 pounds of product per 1,000 sq.ft. [1.41 lbs 2,4-D ae, 0.13 lb dicamba ae, 0.25 lb dithiopyr, and 0.72 lb quinclorac per acre].

**SUGGESTED SPREADER SETTINGS**

[Note to reader: A listing of spreaders and suggested settings for the application rate of 2.4 to 4.5 lbs. per 1,000 sq.ft. will be presented on the container labels.]

The above spreader settings are approximate. The age and condition of spreader, speed of operation and evenness of terrain may require slightly different settings for desired coverage.

**CALIBRATION INSTRUCTIONS** [examples]:

- For 4.5 pounds of product per 1,000 square feet of turfgrass: Check your spreader on 220 square feet and adjust to apply at the rate of 1 pound of product per 220 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.
- For 2.4 pounds of product per 1,000 square feet of turfgrass: Check your spreader on 420 square feet and adjust to apply at the rate of 1 pound of product per 420 square feet.

**STORAGE AND DISPOSAL**

Do not contaminate water, food, or feed by storage and disposal.

**PESTICIDE STORAGE:** Keep in original container in a cool, dry area, away from extreme heat and cold.

**PESTICIDE DISPOSAL AND CONTAINER HANDLING:** Nonrefillable container. Do not reuse or refill this container (bag). Completely empty bag into application equipment. **If empty:** Place bag in trash or offer empty bag for recycling if available. **If partly filled:** Call your local solid waste agency [or [www.website.com](http://www.website.com)] 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:**

- Use [Apply] where [anytime] weeds are actively growing.
- Use [Apply] anytime [when] crabgrass [weed] seeds are germinating.
- Prevents [Stops] crabgrass and certain broadleaf weeds [weed seed] [from germinating] [for up to XXX months]
- Kills [Controls] existing crabgrass and prevents crabgrass seed germination
- Prevents [crabgrass] [weed seed germination] [and] kills existing weeds, [and feeds your lawn] in one step
- Apply Spring and Fall
- Controls [kills] desired weed species [from attached listing may be inserted here] and other grass and broadleaf weeds [and many other listed broadleaf weeds].
- Controls major [listed] weeds [as listed] for XX [weeks] [months]
- [Complete] [Total] weed control for XX [weeks] [months]
- Eliminates lawn weeds as listed pre and post emergent control of [crabgrass] [grassy and broadleaf weeds]
- Control of grass and broadleaf weeds [as listed]!
- 3 in 1: Prevents crabgrass, kills existing grass and broadleaf weeds and fertilizes [in one step]
- Kills [Controls] over XXX grass and broadleaf weeds
- Kills the weeds present in your lawn & prevents more from growing
- Kills two types of weeds with one product
- Kills all major weeds [as listed]
- Kills and prevents major lawn weeds
- Kills and prevents dandelion, clover and crabgrass!
- Kills existing weeds & prevents new ones from growing
- Kills dandelion, crabgrass and more
- Season long feeding! [up to 5 months]
- Feeds your lawn with timed-released nitrogen for extended greening
- High-Performance fertilizer contains 5% iron for deep greening.
- Contains 5% iron [for deep greening.]
- Long lasting- feeds up to 5 months.
- Greens Quickly and feeds up to 5 months
- Greens Quickly and Feeds longer.
- Time-release nitrogen feeds and enriches the soil resulting in a thick, green, strong lawn.
- Contains Composite Timed-Released (CTR)\*\* Nitrogen for Extended Feeding.
- Northern and Southern Grasses, Bluegrass, Fescue, Zoysia, Bermuda, Perennial Ryegrass
- Treats Northern and Southern Grasses
- Kills [Over] [XXX] [+] Weeds [Weed Types], Even [Including] the Roots.
- Especially effective on hard-to-kill weeds
- Kills broadleaf weeds in lawns
- Kills major broadleaf weeds, even the roots. And [brand name] is formulated to kill only the weeds, not the lawn. Use as directed to kill major broadleaf weeds in your lawn.
- Kills dandelion and many other broadleaf weeds.
- Use on Lawns to Kill the Toughest Weeds like Clover and dandelion.
- Tough weed killer
- Kills [Destroys] [even] the tough[est] [hard-to-kill] broadleaf weeds [like clover, dandelion, oxalis]
- Kills [major] broadleaf weeds [like clover, dandelion, oxalis]
- Provides broadleaf control
- Controls [Kills] clover, dandelion, plantain, chickweed and [other broadleaf,weeds] [others as listed]
- Clobbers clover
- Kills the root



- Kills weed roots!
- Kills tough lawn weeds
- Consistently fast on: tough weeds like clover, plantain, ground ivy and spurge [various other weeds listed]
- For home lawn care
- For a beautiful lawn
- Kills the weeds, not the lawn
- Kills weeds, not lawn grasses
- Kills [down to] the root, [not the lawn]
- For use on lawns
- Targets weeds, leaves [grasses][the lawn] unharmed
- Controls Dandelion, White Clover, Plantain, Chickweed, Spurge and Many Other Listed Weeds
- Greens in 72 Hours & Promotes Thick, Green Growth
- Contains Composite Timed-Release (CTR) Nitrogen for Extended Feeding!
- Kills Weeds While Feeding Your Lawn
- Encourages Quick Greening & Provides Extended Nitrogen Feeding up to 2 Months
- Especially Effective on Hard-to-Kill Weeds
- Kills major broadleaf weeds including roots. And (brand name) is formulated to kill only the weeds, not the lawn. Use as directed to kill major broadleaf weeds in your lawn.
- For use on: Kentucky bluegrass, fescue spp., perennial ryegrass, common bermudagrass, zoysiagrass, hybrid bermudagrass
- [brand name] Turf Note – Control Those Pesky Weeds
  - Many broadleaf weeds [chickweed, henbit] germinate in the fall but are not visible in your lawn until spring. Applying (product name) in the fall can provide effective results. If needed, you can make a follow-up application in the spring.
- Project Guide – For a thicker, greener, more beautiful lawn, follow (Product Program). It's easy to follow and can be started at anytime by simply applying the product that corresponds with the current season!
- (Product Name) is specially formulated to complement the phosphorus already present in some soils and give your turf the additional primary nutrients needed for a good turf feeding. A soil test can help you determine if your soil has an adequate supply of phosphorus and if this is the best product for your soil type. Proper watering and mowing practices along with regular feedings will help promote a beautiful green lawn.
- Prevents Crabgrass and Fertilizes
- Weed 'N Feed Plus Crabgrass Preventer
- One application does it all - crabgrass, dandelion, viney weeds, even clover.
- [brand name] PROJECT GUIDE
  - 3 Simple Steps to a Lush, Green Lawn
    1. SELECT THE RIGHT FERTILIZER
 

[product name] are specifically formulated to provide both a quick and long lasting feeding. One application provides the lawn nutrients needed to grow thick and green. It is formulated with 5% iron for deep greening and coated nitrogen for an extended, even feeding.
    2. CONTROL UNSIGHTLY LAWN NUISANCES
 

[product name], such as XXX deliver the same superior greening results while controlling unsightly lawn nuisances such as weeds and insects. Vigoro Super Green combination products are not available in all areas.
    3. FERTILIZE REGULARLY
 

Track your fertilizer applications on a calendar and apply a [product name] fertilizer to your lawn every 4 to 6 months. Regular feeding is a key step to a healthy, thick and green lawn-all season long!

Why [product name]?

When it comes to your lawn, we know what matters -- lush, green grass all season long. With 5% iron and a high level of controlled release nitrogen, [product name] premium lawn fertilizers provide

your lawn with the deepest and longest greening on the market. Sta-Green Ultra fertilizers, performance you can trust, guaranteed.

- **Guaranteed [Results] 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 at left, together with the original dated store receipt showing the price you paid. Please allow 6 to 8 weeks for processing.

**3. Trademark acknowledgement statements:**

- DIMENSION® is a registered trademark of Dow AgroSciences, L.L.C.
- TRIMEC® is a registered trademark of PBI/GORDON CORPORATION.

**4. Fertilizer Labeling Requirements in States:**

- Information regarding the contents and levels of metals in this product is available on the internet at: <http://www.aapfco.org/metals.htm>.
- 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 XX pounds of nitrogen per 1,000 square feet. Consult your local Extension office for questions regarding a fertilizer program suitable to your geographical region.
- If the use rate applies less than 1 pound nitrogen per 1,000 sq.ft. per application, the following statement may appear: Supplemental applications of lawn fertilizer are needed to achieve a minimum of 1 pound nitrogen per 1,000 sq.ft.

**Fertilizer Grades:**

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

|         |         |        |        |
|---------|---------|--------|--------|
| 18-0-6  | 22-4-11 | 25-4-8 | 28-0-3 |
| 19-6-8  | 23-3-7  | 26-3-6 | 29-3-4 |
| 22-3-3  | 24-4-8  | 26-4-4 | 30-3-3 |
| 22-3-6  | 25-3-3  | 26-4-6 | 30-4-4 |
| 22-3-17 |         |        |        |

| Broadleaf Weeds: [Controls][Kills][253][more than ###] weeds! (List of weeds may include the following): |                     |                            |                            |
|--|---------------------|----------------------------|----------------------------|
| Amaranth, purple   | Cupid shaving Brush | Mustard, ball              | Speedwell, common          |
| Amaranth, slender  | Cudweed             | Mustard, black             | Speedwell, corn            |
| Aster, heath   | Daisy, English      | Mustard, blue              | Speedwell, ivyleaf         |
| Aster, white heath   | Daisy, oxeye        | Mustard, hedge             | Speedwell, persian         |
| Aster, purple  | Dandelion, common   | Mustard, indian,           | Speedwell, purslane        |
| Aster, white prairie   | Dandelion, false    | Mustard, tansy             | Speedwell, slender         |
| Artichoke  | Day flower          | Mustard, tumble            | Speedwell, snow            |
| Austrian fieldcress  | Deadnettle          | Mustard, white             | Speedwell, thymeleaf       |
| Bedstraw, Catchweed  | Dichondra           | Mustard, wormseed          | Spiny amaranth             |
| Bedstraw, smooth   | Dock, broadleaf     | Nettle, stinging (burning) | Spurge, spotted            |
| Bedstraw, Northern   | Dock, curly         | Nettle, tall               | Spurge, prostrate          |
| Bedstraw, pineywoods   | Dogbane             | Nettle, wood               | Spurweed                   |
| Beggarticks, hairy   | Dogfennel           | Parsley-piert              | Star of Bethlehem          |
| Betony, Florida  | Dollarweed          | Parsnip                    | Strawberry, India mock     |
| Bindweed, Field  | (Pennywort)         | Pearlwort                  | Tansy ragwort              |
| Bindweed, Hedge  | Dove weed           | Pennycress (frenchweed)    | Tanweed                    |
| Bitter Wintercress   | Elderberry          | Mugwort                    | Thistle, blessed           |
| Bittercress, hairy   | Falseflax           | Pepperweed, perennial      | Thistle, bull              |
| Bitterweed   | False sunflower     | Pepperweed, virginia       | Thistle, canada            |
| Black-eyed Susan   | Fiddleneck          | (Peppergrass)              | Thistle, flodman (prairie) |
| Black Medic  | Filaree, redstem    | Pigweed, prostate          | Thistle, musk              |
| Blood flower milkweed  | Filaree, whitestem  | Pigweed, redroot           | Thistle, platte            |
| Blue lettuce   | Fleabane, daisy     | Pigweed, russian           | Thistle, plumeless         |
| Brassbuttons   | (annual)            | Pigweed, smooth            | Thistle, russian           |
| Bristly oxtongue   | Fleabane, rough     | Pigweed, tumble            | Thistle, scotch            |
| Broomweed  | Galinsoga, hairy    | Pineapple weed             | Thistle, wavyleaf          |

| Broadleaf Weeds: [Controls][Kills][253][more than ###] weeds! (List of weeds may include the following): |                        |                                 |                              |
|--|------------------------|---------------------------------|------------------------------|
| Buckhorn   | Galinsoga, smallflower | Plains coreopsis (tickseed)     | Thistle, yellow (horrible)   |
| Bullnettle   | Goldenrod              | Plantain, blackseed             | Trailing crownvetch          |
| Burclover  | Ground ivy             | Plantain, bracted               | Velvetleaf                   |
| Burdock  | Groundsel              | Plantain, broadleaf             | Vervain, blue                |
| Burweed, lawn (spurweed)   | Gumweed                | Plantain, buckhorn              | Vervain, hoary               |
| Buttercup, bulbous   | Hairy fleabane         | Plantain, hoary                 | Vervain, prostrate           |
| Buttercup, creeping  | Hawkweed, meadow       | Plantain, narrowleaf            | Vervain, tall                |
| Buttonweed, common (poorjoe)   | Hawkweed, mouseear     | Plantain, slender               | Vetch, bird                  |
| Buttonweed, virginia   | Hawkweed, orange       | Plantain, woolly                | Vetch, hairy                 |
| Carolina geranium (wild)   | Hawkweed, yellow       | Poison ivy                      | Vetch, milk                  |
| Carpetweed   | Healall                | Poison oak                      | Vetch, narrowleaf            |
| Catnip   | Heartleaf drymary      | Pokeweed                        | Vetch, wild                  |
| Catsear, spotted (false dandelion)   | Hemp                   | Prairie Sunflower               | Virginia creeper             |
| Chamber bitter   | Henbit                 | Prickly lettuce (compass plant) | Western clematis             |
| Chickweed, common  | Hoary cress            | Prickly sida                    | Western salsify              |
| Chickweed, mouseear  | Horsenettle            | Prostrate knotweed              | Wild aster                   |
| Chickweed, sticky  | Horseweed              | Puncturevine                    | Wild buckweat                |
| Chicory  | Jimsonweed             | Purslane, common                | Wild carrot                  |
| Cinquefoil   | Johnny-Jumpup violet   | Pusley, brazil                  | Wild four-o'clock            |
| Clover, crimson  | Knawel                 | Pusley, florida                 | Wild garlic                  |
| Clover, alyce  | Knotweed, prostrate    | Pusley, large flower            | Wild lettuce                 |
| Clover, hop  | Kochia                 | Ragweed, bur                    | Wild marigold                |
| Clover, rabbit foot  | Lambsquarters          | Ragweed, common                 | Wild mustard (yellow rocket) |
| Clover, red  | Lespedeza              | Ragweed, lancleaf               | Wild onion                   |
| Clover, strawberry   | Mallow, alkali         | Ragweed, western                | Wild parsnip                 |
| Clover, yellow sweet   | Mallow, bristly        | Redstem filaree                 | Wild radish                  |
| Clover, white sweet  | Mallow, common         | Rough cinquefoil                | Wild rape                    |
| Clover, white  | Mallow, dwarf          | Scarlet pimpernel               | Wild strawberry              |
| Cockle   | Mallow, venice         | Shepardspurse                   | Wild sweet potato            |
| Cocklebur  | Marcela                | Smartweed, ladythumb            | Wild violet                  |
| Cocklebur, oriental  | Matchweed              | Smartweed, pale                 | Woodsorrel, creeping         |
| Cocklebur, spiny   | Mexicanweed            | Smartweed, pennsylvania         | Woodsorrel, violet           |
| Common mullein   | Moneywort              | Smooth chaff-flower             | Woodsorrel, yellow (Oxalis)  |
| Corn Spurry  | Morningglory, bigroot  | Smoothdock                      | Woolly croton                |
| Creeping Beggarweed  | Morningglory, ivyleaf  | Sorrel, red (sheep)             | Wormseed                     |
| Creeping Jenny (creeping charlie)  | Morningglory, mexican  | Sowthistle, annual              | Yarrow, common               |
|  | Morningglory, red      | Sowthistle, spiny               | Yarrow, western              |
|  | Morningglory, tall     | Spanish needles                 | Yarrow, yellow               |
|  | Morningglory, wolly    | Speedwell, bi-lobed             |                              |

**DOCUMENT CONTROL INFORMATION**

1. **Unique Label Identifier:** 002217-00XXX.20090116.proposed.doc

2. **Reason for Issue:** New Registration