

2217-912 1

5/19/2010

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

James L. Kunstman, Ph.D.
Director of Regulatory Services
PBI/Gordon Corporation
Post Office Box 014090
Kansas City, Missouri 64101

MAY 19 2010

Subject: Label Notification(s) for Pesticide Registration Notice 2007-4

Dear Dr. Kunstman:

The Agency is in receipt of your Application(s) for Pesticide Notification under Pesticide Registration Notice (PRN) 2007-4 dated April 21, 2010 for:

EPA Registration 2217-912 EH-1451 Professional


The Registration Division (RD) has conducted a review of this request for applicability under PRN 2007-4 and finds that the label change(s) requested falls within the scope of PRN-2007-4. The label has been date-stamped "Notification" and will be placed in our records.

Please be reminded that 40 CFR Part 156.140(a)(4) requires that a batch code, lot number, or other code identify the batch of the pesticide distributed and sold be placed on nonrefillable containers. The code may appear either on the label (and can be added by non-notification/PR Notice 98-10) or durably marked on the container itself.

If you have any questions, please contact me directly at 703-305-6249 or Joyce Edwards of my staff at 703-308-5479.

Sincerely,

Linda Arrington
Notifications & Minor Formulations Team Leader
Registration Division (7505P)
Office of Pesticide Programs

 <p>United States Environmental Protection Agency Washington, DC 20460</p>	<input type="checkbox"/> Registration <input type="checkbox"/> Amendment <input type="checkbox"/> Other	OPP Identifier Number
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Application for Pesticide - Section I

1. Company/Product Number 2217- 912	2. EPA Product Manager Kathryn V. Montague	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) EH-1451 Professional	PM# Product Manager—Team 23	
5. Name and Address of Applicant (Include ZIP Code) PBI/Gordon Corporation Post Office Box 014090 Kansas City, Missouri 64101 <input type="checkbox"/> Check if this is a new address		6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____	NOTIFICATION MAY 19 2010
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.	
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.	

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Labeling notification per Pesticide Registration Notice (PRN) 2007-4

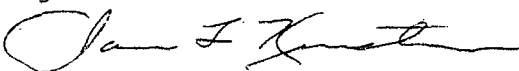
Please refer to cover letter for details and certification statement.

e-mail to jkunstman@pbigordon.com FAX: 816-421-2731

Section - III

1. Material This Product Will Be Packaged In:					
Child-Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No	Unit Packaging <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Type of Container <input type="checkbox"/> Metal <input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Glass <input checked="" type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____		
* Certification must be submitted		If "Yes" Unit Packaging wgt. No. per container	If "Yes" Package wgt. No. per Container		
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container 16-50 pounds		5. Location of Label Directions <input checked="" type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input checked="" type="checkbox"/> Lithograph <input type="checkbox"/> Other _____ <input checked="" type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled					

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)			
Name James L. Kunstman, Ph.D.	Title Director of Regulatory Services	Telephone No. (Include Area Code) 816-460-6292	
I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.			6. Date Application Received (Stamped)
2. Signature 	3. Title Director of Regulatory Services		
4. Typed Name James L. Kunstman, Ph.D.	5. Date April 21, 2010		

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EH-1451 PROFESSIONAL

NOTIFICATION
MAY 19 2010

EPA Reg. No. 2217-00912

ACTIVE INGREDIENT:

2,4-D, 2-ethylhexyl ester	1.108%
Mecoprop-p	0.167%
Dicamba	0.071%
Dithiopyr	0.160%
OTHER INGREDIENTS:	<u>98.494%</u>
TOTAL	100.000%

THIS PRODUCT CONTAINS:

- 14.70 lb 2,4-dichlorophenoxyacetic acid equivalent per ton or 0.735% (CAS 1928-43-4)
- 3.34 lb (+)-(R)-2-(2 methyl-4-chlorophenoxy)propionic acid equivalent per ton or 0.167% (CAS 16484-77-8)
- 1.42 lb 3,6-dichloro-o-anisic acid equivalent per ton or 0.071% (CAS 1918-00-9)
- 3.20 lb dithiopyr per ton or 0.160% (CAS 97886-45-8)

Isomer Specific By AOAC Methods.

GUARANTEED FERTILIZER ANALYSIS	
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.

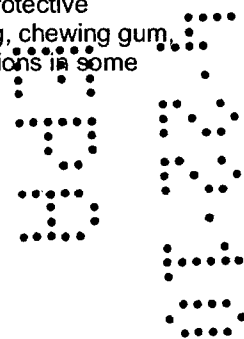
PRECAUTIONARY STATEMENTS

Hazards to Humans & Domestic Animals

CAUTION: Causes moderate eye irritation. Avoid contact with eyes or clothing. Wear protective eyewear. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

All loaders, applicators, and other handlers must wear:

- long-sleeved shirt and long pants,



- shoes plus socks.
- chemical-resistant gloves

See engineering controls for additional requirements.

User Safety Requirements

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry. Discard clothing and other absorbent material that have been drenched or heavily contaminated with the product's concentrate. Do not reuse them.

User Safety Recommendations	
<ul style="list-style-type: none"> • Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. • Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. If pesticide gets on skin, wash immediately with soap and water. • Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing. 	

First Aid	
If in eyes:	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15 - 20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
If swallowed:	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by a poison control center or doctor. • Do not give anything by mouth to an unconscious person.
If on skin or clothing:	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15 - 20 minutes. • Call a poison control center or doctor for treatment advice.
<p>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.</p>	

Environmental Hazards.

This pesticide may be toxic to fish and aquatic invertebrates and may adversely affect non-target plants. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. Do not contaminate water when disposing of equipment wash waters or rinsate.

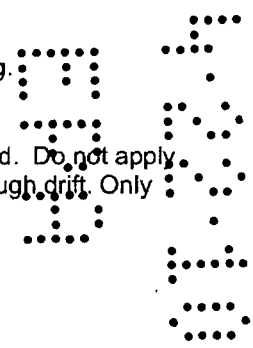
This chemical has properties and characteristics associated with chemicals detected in groundwater. The use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination. Application around a cistern or well may result in contamination of drinking water or groundwater.

DIRECTIONS FOR USE

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

GENERAL PRECAUTIONS AND RESTRICTIONS:

- Do not enter or allow people (or pets) to enter the treated area until dusts have settled. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application.



- If incorporation is accomplished by watering-in, do not enter or allow entry to the treated areas (except those involved in watering) until the watering-in is complete and the surface is dry.
- Not for use on turf being grown for sale or other commercial use as sod, or for commercial seed production, or for research purposes.

GENERAL INFORMATION

EH-1451 Professional provides broad-spectrum control of broadleaf weeds and annual grasses in established cool season or warm season turfgrasses. This product is effective in controlling over 200 established broadleaf weeds, such as dandelion, thistle and clover. This product provides preemergent control of annual grass weeds including crabgrass, goosegrass and barnyardgrass when applied before the emergence of crabgrass from the soil in established lawns.

Also, this product can provide late preemergent or early post emergent control of crabgrass only. This early post emergent control is limited, and the crabgrass control can be obtained only when this product is applied before the tillering stage of crabgrass. Post emergent crabgrass control will be obtained only when this product is applied before the first tiller stage of crabgrass.

The benefit of this product's early post emergent activity is that the user may have a longer period of 2 to 4 weeks to make applications to control crabgrass.

RESEEDING, OVERSEEDING, OR SPRIGGING

Reseeding, overseeding, or sprigging of treated areas within eight weeks after a single application of this product, or four months after the last application of a split application program totaling more than 1.25 lb. dithiopyr per acre, may inhibit the establishment of desirable turfgrasses. Overseeding bermudagrass with perennial ryegrass may be made eight weeks after an application of this product.

For best results for annual grass control, cultural practices that disturb the soil, such as core-, spike-, or hydro-aerification, and verticutting, should be done before application of this product.

When reseeding or overseeding, proper cultural practices such as soil cultivation, irrigation and fertilization should be followed. For best results, use mechanical or power seeding equipment (slit seeders) designed to give good seed-to-soil contact.

PREEMERGENT AND EARLY POSTEMERGENT CONTROL OF CRABGRASS (DITHIOPR COMPONENT)

This product provides preemergent control of crabgrass (including the large, smooth, and southern species) when applied prior to the emergence of crabgrass in established lawns and ornamental turf.

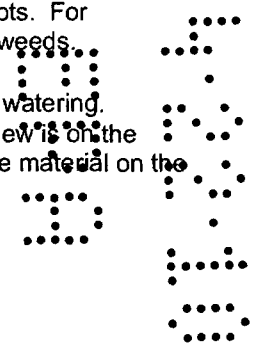
This product can also provide early postemergent control of crabgrass only during the early stages of growth. Early postemergent crabgrass control will be obtained only when this product is applied prior to the tillering of crabgrass, which generally corresponds to the time when you can first easily see the crabgrass plants in the lawn or turf.

POSTEMERGENT CONTROL OF BROADLEAF WEEDS (2,4-D, MCPP-p and dicamba components)

This product provides postemergent control of more than 200 established broadleaf weeds. A partial list of broadleaf weeds is presented on this label.

2,4-D, MCPP-p and dicamba are absorbed through the leaves and translocated to the roots. For adequate weed control, this product must come into contact with the leaves of broadleaf weeds.

- Mow lawn to normal height 1 to 2 days before application.
- Water lawn thoroughly at least 1 day before application to sustain moisture until next watering.
- Apply when weeds are young and actively growing, 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 on the broadleaf weeds.



EH-1451 Professional is recommended for use on the following established turf species:

Established Cool Season Turfgrasses - Kentucky bluegrass, perennial ryegrass, fine fescues (red, chewings, and hard) and tall fescue, creeping bentgrass.

Established Warm Season Turfgrasses - Bahiagrass, bermudagrass, buffalograss, centipedegrass, zoysiagrass.

- Do not use this product on colonial bentgrass, dichondra, carpetgrass, or turfgrass when desirable clovers are present.
- Do not use this product on St. Augustinegrass in Florida.
- The use of this product on certain varieties of fine fescues may result in undesirable turfgrass injury. Use of this product may result in undesirable injury on certain cultivars of fine fescues and not all cultivars have been tested. The following cultivars of fine fescues have demonstrated sensitivity to this product: 'Atlanta', 'Banner', 'Beauty', 'Biljart', 'CF-2', 'Enjoy', 'HF-93', 'Highlight', 'Ivalo', 'Jamestown', 'Koket', 'Majenta', 'Mary', 'Pennlawn', 'Tamara', 'Tatjana', 'Waldorf' and 'Waldina'.

Do not use this product on golf course putting greens, tees and or aprons.

USE PRECAUTIONS AND RESTRICTIONS

This product may be used on seeded, sodded or sprigged lawns that are well established. The grass should have developed good root system and have received three (3) mowings following its seeding, sodding, or sprigging before it can receive the first application of this product.

- The use of EH-1451 Professional 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.
- Do not use this product on flowers, vegetables, groundcovers, gardens or landscape plantings with shrubs and trees. Do not exceed specified dosage for any area.
- Do not reseed, overseed or sprig treated areas for 8 weeks after application.
- Do not use clippings from treated areas for composting and/or mulching vegetables or fruit trees.
- Do not contaminate domestic or irrigation waters.
- Do not use this product on or near desirable plants, including within the drip line of the roots of desirable trees and shrubs, since injury may result.

Tips for improved control:

- For broadleaf weed control: Do not irrigate the lawn for one day (24 hours) after application. Rainfall or irrigation (greater than 1/2 inch) at 2 to 7 days after application may optimize the weed control.

WEEDS CONTROLLED			
When applied as directed, EH-1451 Professional will control and/or suppress* the following weeds:			
Grass Weeds:			
Annual Bluegrass* (<i>Poa annua</i>)	Barnyardgrass	Crowfootgrass	Foxtail (green and yellow)
Kikuyugrass* (seedling)	Annual Ryegrass	Crabgrass (large, smooth, and Southern)	Goosegrass*
Broadleaf Weeds:			
Annual yellow sweetclover	Cockle	Musk thistle	Spiny cocklebur
Aster	Cocklebur	Mustard	Spiny sowthistle
Austrian fieldcress	Common mullein	Narrowleaf plantain	Spotted catsear
Bedstraw	Creeping jenny	Narrowleaf vetch	Spotted spurge
Beggarticks	Cudweed	Nettle	Spurweed
Betony, Florida	Curly dock	Orange hawkweed	Stinging nettle
Bindweed, field	Daisy, English	Oriental cocklebur	Strawberry, Indian clock
Bird vetch	Daisy fleabane	Oxalis	Tall nettle
Bitter wintercress	Daisy, oxeye	Parsley-piert	Tall vervain
Bittercress, hairy	Dandelion	Parsnip	Tansy ragwort
Bitterweed	Dichondra	Pearlwort	Tansy mustard
Black-eyed Susan	Dogfennel	Pennycress	Tanweed

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

*Suppression is denoted with an asterisk.

HOW TO APPLY EH-1451 Professional

This product may be applied as a single application or as split applications in the spring, early summer, or fall. This product should be applied before the germination of annual grasses.

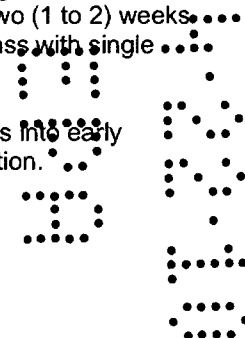
WHEN TO APPLY EH-1451 Professional

Spring Applications

Established Lawns: This product is a preemergent herbicide to control crabgrass (smooth and large) plus other susceptible annual grasses and postemergent control for broadleaf weeds.

Application of this product must occur before the germination and emergence of the crabgrass and other listed grasses from the soil. For the best results in the spring, apply this product one to two (1 to 2) weeks before the expected emergence of crabgrass. Do not expect adequate control of crabgrass with single applications made later than four (4) weeks after germination.

When the period of germination for crabgrass and other weeds listed on this label extends into early summer, then a second application can be made at 6 to 10 weeks after the initial application.



The duration of residual weed control from this product will be directly related to the total amount of product applied and the performance will vary by local conditions.

Newly Seeded Areas: When establishing a new lawn of Kentucky bluegrass, perennial ryegrass and/or tall fescue, and other turfgrass species, wait until the grass is well established (3 mowings) before applying this product.

Use Program 1 for preemergent control at sites where turfgrass is cut relatively high (e.g., residential lawns). This program provides three to five (3 to 5) months of preemergent crabgrass control. This program may also provide early post emergent control of crabgrass. However, post emergent crabgrass control will be obtained only when this product is applied before the first tiller stage of crabgrass.

Use Program 2 for preemergent control at sites where (a) turfgrass is cut relatively low (e.g., golf fairways), and (b) turfgrass maintenance or weed control has been conducted during the previous year. This program provides four to six (4 to 6) months of preemergent crabgrass control. This program may also provide early post emergent control of crabgrass. However, post emergent crabgrass control will be obtained only when this product is applied before the first tiller stage of crabgrass.

Maximum use rate restrictions:

• **New York State:**

Optional text for container labels: In New York State, dithiopyr is a restricted use product listed according to the Environmental Conservation Law, Section 326.2. This provision limits this product for use by commercial pesticide applicators only at a seasonal maximum of 7.2 lb of product per 1,000 sq.ft. per year [0.5 pound of dithiopyr per acre per year], and is prohibited from use in Nassau and Suffolk Counties. Use only according to label instructions.

For container labels distributed and sold in New York State: This product may be applied only by commercial applicators at no more than 4.5 lb per 1,000 sq.ft. [0.31 lb dithiopyr per acre per year]. Use of this product in Nassau and Suffolk Counties is prohibited.

• **Other States:**

The maximum broadcast application rate is 4.5 pounds of product per 1,000 sq.ft. per application [1.44 lb 2,4-D ae, 0.33 lb MCPP-p ae, 0.14 lb dicamba ae and 0.31 lb dithiopyr 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 9.0 pounds of product per 1,000 sq.ft. [2.88 lb 2,4-D ae, 0.66 lb MCPP-p ae and 0.28 lb dicamba ae and 0.62 lb dithiopyr per acre per year].

Table 1. Use rates for preemergent control of annual grasses and postemergent control of broadleaf weeds.

REGION	PROGRAM 1 (Lb Per 1,000 sq.ft.)	PROGRAM 2 (Lb Per 1,000 sq.ft.)
New York State only	3.6 lb	4.5 lb
North	3.6 lb	4.5 lb
Transition	4.5 lb	3.6 lb + 3.6 lb split application
South	3.6 lb + 3.6 lb split application	4.5 lb + 4.5 lb split application
Coastal South	4.0 lb + 4.0 lb split application	4.5 lb + 4.5 lb split application
West	3.6 lb to 4.5 lb	4.0 lb + 4.0 lb split application

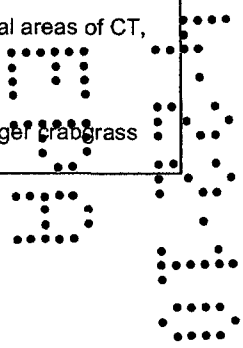
North = All states not included below.

Transition = DE, KS, KY, MD, MO, NJ, VA southeastern PA, southern areas of IL, IN, OH, & coastal areas of CT, NY, & RI.

South = AL, AR, GA, LA, MS, NC, NM, OK, SC, TN & TX.

Coastal South = HI & southern coastal areas of AL, GA, LA, MS, NC, SC & TX.

West = AZ, CA & NV. In this climatically diverse region, use the higher rates in local areas with longer crabgrass seasons.



Fall Applications

This product can also be applied in the late summer or early fall (late August through November) at the higher use rates listed in Program 2 of Table 1 to provide control of crabgrass through the early part of the next spring.

The fall application may be followed by an appropriate spring application.

Use of split (half-rate) applications spaced 6 to 8 weeks apart may provide improved weed control. Use the higher use rates when the expected weed infestations are dense when applications are made early, and/or longer residual control is desired (See Program 2 of Table 1).

RAINFALL / IRRIGATION:

Do not irrigate the lawn for one day (24 hours) after application. Rainfall or irrigation (greater than 1/2 inch) at 2 to 7 days after application may optimize the weed control.

APPLICATION EQUIPMENT

Apply this product with drop or rotary-type spreaders designed to apply granular herbicides. Avoid the use of spreaders that would apply this product in narrow rows or concentrated bands. Avoid streaking, skips, or overlaps during application. Calibrate application equipment prior to usage, and apply this product uniformly over the turfgrass area.

Choose one of these application or distribution patterns:

1. **Single Pass** - Operate the equipment at intervals corresponding to the width or swath of the spreader. For drop spreaders, overlap the wheel tracks to ensure complete coverage. Close the spreader openings when turning to change directions or when stopping.
2. **Double Pass** - Reduce the application rate by one-half of the recommended rate, calibrate the spreader, and adjust the settings for the desired application rate. Operate the spreader over the lawn two (2) times. Close the spreader openings when turning to change directions or when stopping.
3. **Cross Hatching** - Reduce the application rate by one-half of the recommended rate, calibrate the spreader, and adjust the settings for the desired application rate. Operate the spreader over the lawn two (2) times. For the second trip, operate the spreader perpendicular to the wheel tracks or the spreader pattern of the first trip. Close the spreader opening when turning to change directions or when stopping.

CALIBRATION INSTRUCTIONS:

- 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 3.6 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 275 square feet.
- For 4.0 pounds of product per 1,000 square feet of turfgrass: Check your spreader on 250 square feet and adjust to apply at the rate of 1 pound of product per 250 square feet.
- For 4.5 pounds of product per 1,000 square feet of turfgrass: Check your spreader on 225 square feet and adjust to apply at the rate of 1 pound of product per 225 square feet.

SPREADER SETTINGS				
Spreader	Delivers ___ lb/1,000 sq. ft.			
	3.0 lb	3.6 lb	4.0 lb	4.5 lb
LESCO® Rotary calibration gauge setting #	X	X	X	X
Ortho® Drop (5000)	X	X	X	X
Ortho® Rotary (6000)	X	X	X	X
Precision® Red Devil® Rotary	X	X	X	X
Quaker® Rotary	X	X	X	X
Republic® EZ Drop	X	X	X	X
Republic® EZ Grow	X	X	X	X

SPREADER SETTINGS				
Spreader	Delivers ___ lb/1,000 sq. ft.			
	3.0 lb	3.6 lb	4.0 lb	4.5 lb
Republic® EZ Rotary	X	X	X	X
Scotts® Drop (PF3)	X	X	X	X
Scotts® Easy Green	X	X	X	X
Scotts® Speedy Green	X	X	X	X
True Temper Rotary	X	X	X	X

Note: Spreader settings 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.

STORAGE AND DISPOSAL
 Do not contaminate water, food, or feed by storage ~~or~~ and disposal.

PESTICIDE STORAGE: Keep in original container in a cool, dry area, away from extreme heat and direct sunlight. ~~Do not store near food, feed, seeds or other pesticides.~~

PESTICIDE DISPOSAL: Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

~~CONTAINER DISPOSAL: Paper and plastic bags: Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.~~

CONTAINER HANDLING: Nonrefillable container: Do not reuse or refill this container. Completely empty bag into application equipment. Then offer for recycling if available or dispose of empty bag in a sanitary landfill, or by incineration or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

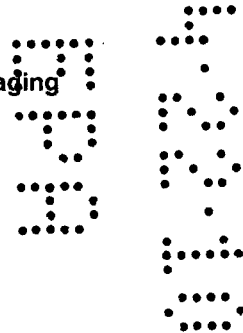
LIMITED WARRANTY AND DISCLAIMER

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 Contents: _____
- EPA Est. No. _____



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

- Kills Dandelion
- Controls Crabgrass and Fertilizes
- Fertilize Once for Whole Season - Feeds and greens with slow release fertilizer for up to four months.
- XX pounds covers up to ____ sq.ft.

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. Additional Labeling Requirements for Fertilizers and State Registrations:

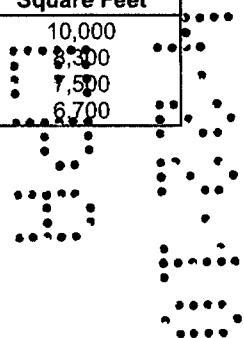
- If the fertilizer guarantee contains iron, this following statement must appear: This product contains secondary nutrient iron. Iron may stain concrete and should not be applied on dry or water dampened concrete and should be removed from these areas promptly after application by sweeping or blowing. Do not wash off with water.
- If the recommended use rate applies less than 1 pound nitrogen per 1,000 sq.ft. per application, the following statement must appear: Supplemental applications of lawn fertilizer are needed to achieve a minimum of 1 pound nitrogen per 1,000 sq.ft.
- Information regarding the contents and levels of metals in this product is available on the internet at: <http://www.aapfco.org/metals.htm>.

Format of fertilizer analysis:

GUARANTEED FERTILIZER ANALYSIS 24-2-8	
Total Nitrogen (N)	24%
2.0% Ammoniacal Nitrogen	
8.5% Water Insoluble Nitrogen	
4.3% Urea Nitrogen	
9.2% Other Water Soluble Nitrogen*	
Available Phosphate (P2O5)	2%
Soluble Potash (K2O)	8%
Total Sulfur (S)	2.6%
2.6% Combined Sulfur (S)	
Chlorine (Cl) not more than	7.0%
Nutrient Sources: Ammonium Phosphate, Ammonium Sulfate, Methylene Ureas, Muriate of Potash.	
*17.7% Slowly Available Nitrogen from Methylene Ureas.	
Information regarding the contents and levels of metals in this product is available on the internet at: http://www.aapfco.org/metals.htm .	
FL 987	

- This xxx bag covers up to xx sq. ft. of turfgrass (lawn):

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
16	3.0	5,300	30	3.0	10,000
	3.6	4,400		3.6	8,300
	4.0	4,000		4.0	7,500
	4.5	3,600		4.5	6,700



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
18	3.0	6,000	40	3.0	13,300
	3.6	5,000		3.6	11,100
	4.0	4,500		4.0	10,000
	4.5	4,000		4.5	8,900
20	3.0	6,700	50	3.0	16,700
	3.6	5,500		3.6	13,900
	4.0	5,000		4.0	12,500
	4.5	4,400		4.5	11,100

DOCUMENT CONTROL INFORMATION

- 1. Unique Label Identifier: 002217-00912.20100421.notif-proposed-highlighted.doc
- 2. Reason for Issue: PRN 2007-4

