



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 1 9 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

Please read instructions on re	verse before compl = :	g form.		Form Appro	over' OMB No.	2070-006	60. Approval	Expires 2-28-95
≎ EPA	Environmen	United States	ction Agenc		Registro Amend Other	ation		entifier Number
	Α	pplication	n for Pestici	de - Sectio	on I			
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4. Company/Product (Nam EH-1	_{e)} 451 Professional	I	PM# Pro	duct Manag	erTeam 2	3 [X None	Restricted
5. Name and Address of A PBI/Gordon Corporati Post Office Box 0140 Kansas City, Missour	on 90	Code)	(b)(i), n EPA R	edited Review ny product is s eg. No ct Name	imilar or ident	ical in co	mposition a	tion 3(c)(3) and labeling to:
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Amendment - Explain Resubmission in responsion - Explain I Explanation: Use addition Labeling notification	onse to Agency letter data below. al page(s) if necessary.	(For section I	and Section II.)	Agency letter of "Me Too" Appli Other - Explain	cation.	NOT	TIFICATI	
Material This Product Will Child-Resistant Packaging Yes*	Be Packaged In: Unit Packaging Yes		Section – I Water Soluble P	ll	2. Type of	Containei tal		AX: 816-421-2731
* Certification must be submitted	I	No. per container	If "Yes" Package wgt.	No. per Container	Gla	ss	fy)	
3. Location of Net Contents In Label Conta	ainer	4. Size(s) Reta 1	6-50 pounds	<u> </u>	Location of La On Label On Labeling		-	ct
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Contact Point (Complete its	ms directly below for ide	entification of in	Section - I		ary, to process	this applic	cation.)	
Name	unstman, Ph.D.		Title Director of	Regulatory S				ude Area Code) 0-6292
I certify that the statemer I acknowledge that any k both under applicable lav 2. Signature	nowingly false or mislea	ding statemen	achments thereto a t may be punishabl . Title	e by fine or impi	risonment or	600000 60000 60000	Recoiv (S	Application ed. itamped)
4. Typed Name		_	Director of R	eguialory 5e	I VICES	(C C C C C C C C C C C C C C C C C C C	1 (, c , c
	unstman, Ph.D.			21, 2010		((

EPA Form 8570-1 (Rev. 3-94) Previous editions are obsolete.

White - EPA File Copy (original) Yellow - Applicant Copy

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An Employee-Owned Company

1217 WEST 12TH STREET • P.O. BOX 014090 KANSAS CITY, MISSOURI 64101-0090 816-421-4070 • 1-800-821-7925 FAX: 816-474-0462

April 21, 2010

Document Processing Desk (PRN)
Office of Pesticide Programs (7504P)
U.S. Environmental Protection Agency
Room S-4900, One Potomac Yard
2777 South Crystal Drive
Arlington, VA 22202-4501

Attn: Kathyrn V. Montague, (PM-23)

Dear Ms. Montague:

Subject: Labeling notifications according to Pesticide Registration Notices (PRN) 2007-4. EH-1451 Professional (EPA Reg. No. 2217-912)

- I. Labeling notification per Pesticide Registration Notice (PRN) 2007-4:
- Labeling revisions: We ask to revise the disposal instructions and to adopt the exact language of Pesticide Registration Notice (PRN) 2007-4, Labeling Revisions Required by the Final Rule "Pesticide Management and Disposal: Standards for Pesticide Containers and Containment."

Please refer to page 9 of the draft labeling.

2. Certification: This notification is consistent with the guidance of PR Notice 2007-4 and the requirements of EPA's regulations at 40 CFR 156.10, 156.140, 156.144, 156.146, and 156.156. No other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to the EPA. I further understand that if this amended labeling is not consistent with the terms of 40 CFR 156.10, 156.140, 156.144, 156.146, and 156.156, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under Section 12 and 14 of FIFRA.

II. Enclosures:

- 1. Application for Pesticide Amendment (EPA Form 8570-1)
- 2. One (1) copy of the annotated draft labeling
- 3. One (1) copy of the draft labeling without notations

If you have any questions, please call me at 816-460-6292 or contact me at jkunstman@pbigordon.com.

Sincerely,

James L. Kunstman, Ph.D.

Director of Regulatory Services

Certification with Respect to Label Integrity

version: 9/11/02

I certify that the information (including, but not limited to, text, tables, and graphics) contained in the electronic file identified below by file name and submitted with this certification is the same information as that on the paper copies of these documents included with this submission.

	PROPOSED LABEL				
EPA Registration #	Date Submitted to EPA	Electronic file name			
2217-912	4/21/2010	002217-00912.20100421. notif-proposed-highlighted 002217-00912.20100421. notif-proposed-clean			

I certify that the statements that I have made on this form are true, accurate, and complete. I acknowledge that any knowingly false or misleading statements may be punishable by fine or imprisonment or both under applicable law.

On I Just	04/21/2010
Signature	Date
James L. Kunstman, Ph.D.	
Name (typed)	
Director, Regulatory Services	
Title	



EH-1451 PROFESSIONAL

NOTIFICATION MAY 1 9 2010

EPA Reg. No. 2217-00912

ACTIVE INGREDIENT: 2,4-D, 2-ethyhexyl ester	. 1.108%
Mecoprop-p	
Dicamba	
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% (0.77-8)	CAS 16484-

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 manufacturer.]	by

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

- 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:	 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:	 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:	 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.

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.

treatment. For additional information in case of emergency, call toll free 1-877-800-5556.

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

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Buttercup Hoary vervain Redroot pigweed Wild onion Wild parsnip Wild radish Carolina geranium Knawel Rough fleabane Wild rape Carpetweed Knotweed Kochia Scarlet pimpernel Wild vetch Woodsorrel Catsear Lespedeza Sheep sorrel Chickweed, mouseear Chicory Cinquefoil Mallow Smooth pigweed Sorrel Clover, red Clover, strawberry Clover, sweet Clover, white Smooth dock Spiny amaranth Swind spiny Wild onion Wild onion Wild onion Wild onion Wild onion Wild parsnip Wild parsnip Wild radish Wild rape Wild radish Wild rape Wild rape Wild rape Wild rape Wild rape Wild radish Wild rape Wild rape Wild rape Wild radish Wild rape Wild radish Wild rape Wild rape Wild rape Wild rape Wild radish Wild radish Wild radish Wild rape Wild rape Wild rape Wild rape Wild radish Wild radish Wild radish Wild radish Wild rape Wild rape Wild radish Wild radish Wild rape Wild radish Wild radish Wild radish Wild radish Wild radish Wild rape Wild rape Wild rape Wild radish Wild rape Wild radish Wild radish Wild rape Wild rape Wild rape Wild rape Wild rape Wild radish Wild rape Wild rape Wild radish Wild rape Wild radish Wild rape Wild radish Wild rape Wild radish Wild rape wil	Burning nettle	Hoary cress	Ragweed	
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Carpetweed Knotweed Kochia Scarlet pimpernel Wild sweet potato Wild vetch Scarlet pimpernel Lambsquarters Scotch thistle Woodsorrel Woolly croton Woolly morningglory Chickweed, mouseear Chickweed, mouseear Chicory Mallow Sheperdspurse Woolly morningglory Matchweed Slender plantain Woolly plantain Wormseed Yarrow Clover, crimson Morningglory Smooth dock Yarrow Clover, hop Clover, red Clover, strawberry Clover, sweet Clover, white Spiny amaranth Wild sweet potato Wild vetch Wild vetch Woodsorrel Woolly croton Woolly croton Woolly morningglory Woolly plantain Woolly plantain Wormseed Yarrow Yellow rocket Yellow rocket Yellow rocket Yellow flower pepperweed and other broadleaf weeds	Canada thistle	Jimsonweed	Rough cinquefoil	Wild radish
Catchweed bedstraw Catnip Catsear Catsear Chickweed, common Chickweed, mouseear Chicory Cinquefoil Clover, crimson Clover, red Clover, red Clover, strawberry Clover, sweet Clover, white Kochia Lambsquarters Lespedeza Sheep sorrel Woolly croton Wallow Sheperdspurse Woolly morningglory Woolly morningglory Woolly morningglory Woolly plantain Woolly plantain Wormseed Yarrow Yellow rocket Yellow flower pepperweed and other broadleaf weeds Speedwell Spiny amaranth	Carolina geranium	Knawel	Rough fleabane	Wild rape
Catnip Catsear Chickweed, common Chickweed, mouseear Chicory Cinquefoil Clover, crimson Clover, red Clover, strawberry Clover, sweet Clover, white Lambsquarters Lespedeza Sheep sorrel Woolly croton Woolly morningglory Wormseed Wormseed Yarrow Yellow rocket Yellowflower pepperweed and other broadleaf weeds Speedwell Spiny amaranth	Carpetweed	Knotweed	Russian pigweed	Wild sweet potato
Catsear Chickweed, common Chickweed, mouseear Chicory Cinquefoil Clover, crimson Clover, hop Clover, red Clover, strawberry Clover, sweet Clover, white Lespedeza Mallow Mallow Sheperdspurse Slender plantain Mexicanweed Smallflower galinsoga Milk vetch Smooth dock Smooth dock Yarrow Yellow rocket Yellow rocket Yellowflower pepperweed and other broadleaf weeds Speedwell Spiny amaranth	Catchweed bedstraw	Kochia	Scarlet pimpernel	Wild vetch
Chickweed, common Chickweed, mouseear Chicory Cinquefoil Clover, crimson Clover, hop Clover, red Clover, strawberry Clover, sweet Clover, white Mallow Matchweed Matchweed Matchweed Mexicanweed Milk vetch Morningglory Yellow rocket Yellowflower pepperweed and other broadleaf weeds Speedwell Spiny amaranth	Catnip	Lambsquarters	Scotch thistle	Woodsorrel
Chickweed, mouseear Chicory Cinquefoil Clover, crimson Clover, hop Clover, red Clover, strawberry Clover, sweet Clover, white Matchweed Matchweed Mexicanweed Milk vetch Morningglory Mouseear hawkweed Mugwort Slender plantain Smallflower galinsoga Yarrow Yellow rocket Yellowflower pepperweed and other broadleaf weeds Speedwell Spiny amaranth	Catsear	Lespedeza	Sheep sorrel	Woolly croton
Chicory Cinquefoil Clover, crimson Clover, hop Clover, red Clover, strawberry Clover, sweet Clover, white Mexicanweed Milk vetch Morningglory Mouseear hawkweed Mugwort Smooth dock Smooth pigweed Sorrel Sowthistle Spanishneedles Speedwell Spiny amaranth Wormseed Yarrow Yellow rocket Yellowflower pepperweed and other broadleaf weeds	Chickweed, common	Mallow	Sheperdspurse	Woolly morningglory
Cinquefoil Clover, crimson Clover, hop Clover, red Clover, strawberry Clover, sweet Clover, white Milk vetch Morningglory Mouseear hawkweed Mugwort Sorrel Sowthistle Spanishneedles Speedwell Spiny amaranth Yarrow Yellow rocket Yellowflower pepperweed and other broadleaf weeds	Chickweed, mouseear	Matchweed	Slender plantain	Woolly plantain
Cinquefoil Clover, crimson Clover, hop Clover, red Clover, strawberry Clover, sweet Clover, white Milk vetch Morningglory Mouseear hawkweed Mugwort Sorrel Sowthistle Spanishneedles Speedwell Spiny amaranth Yarrow Yellow rocket Yellowflower pepperweed and other broadleaf weeds	Chicory	Mexicanweed	Smallflower galinsoga	Wormseed
Clover, hop Mouseear hawkweed Sorrel Yellowflower pepperweed And other Spanishneedles Speedwell Clover, white Spiny amaranth	Cinquefoil	Milk vetch		Yarrow
Clover, hop Mouseear hawkweed Sorrel Yellowflower pepperweed And other Spanishneedles Speedwell Clover, white Spiny amaranth	1 '	Morningglory	Smooth pigweed	Yellow rocket
Clover, red Mugwort Sowthistle and other Spanishneedles broadleaf weeds Clover, sweet Speedwell Spiny amaranth	Clover, hop	Mouseear hawkweed	Sorrel	Yellowflower pepperweed
Clover, strawberry Clover, sweet Clover, white Spanishneedles broadleaf weeds Speedwell Spiny amaranth		Mugwort	Sowthistle	and other
Clover, sweet Speedwell Spiny amaranth	1	Ĭ	Spanishneedles	broadleaf weeds
Clover, white Spiny amaranth	1 '		Speedwell	
*Suppression is denoted with an asterisk.	•		1 ·	
	*Suppression is denoted w	rith 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].

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 transferses.

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.
- 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.		
Spreader	3.0 lb	3.6 lb	4.0 lb	4.5 lb	
LESCO® Rotary calibration gauge setting #	X	Х	X	Х	
Ortho® Drop (5000)	X	X	X •	••••X	
Ortho® Rotary (6000)	X	Х	Х	• • X	
Precision® Red Devil® Rotary	X	Х	X.	X	
Quaker® Rotary	Х	X	X	X	
Republic® EZ Drop	X	X	X	X	
Republic® EZ Grow	Х	Х	X	X	

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

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 and disposal.

PESTICIDE STORAGE: Keep in original container in a cool, dry area, away from extreme heat and direct sunlight. Do not store desired action of the collection of the collection

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.

CONFAINTER DISPOSALL Papar and placife bages Completely comply bag-into-application capilpment. Than all aposo-of comply-bag-in-electricaey land the flow fine interplace of the llowed by State-End-local authorities, by by militar 17 burned, stay outrof 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 INCIDENTIAL, 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 p	ackaging
configuration.	••••
 See next panel for additional Precautionary Statements and First Aid 	•
Net Contents:	•

•	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:

Format of Tertifizer 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 (CI) not more than	7.0%

Nutrient Sources: Ammonium Phosphate, Amonnium 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 3.6 4.0	5,300 4,400 4,000	30	3.0 3.6 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 3.6 4.0 4.5	6,000 5,000 4,500 4,000	40	3.0 3.6 4.0 4.5	13,300 11,100 10,000 8,900
20	3.0 3.6 4.0 4.5	6,700 5,500 5,000 4,400	50	3.0 3.6 4.0 4.5	16,700 13,900 12,500 11,100

DOCUMENT CONTROL INFORMATION

1. Unique Label Identifier: 002217-00912.20100421.notif-proposed-highlighted.doc

2. Reason for Issue: PRN 2007-4

