

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

2 3 JUN 2008

OFFICE OF PREVENTION, PESTICIDES AND TOXIC SUBSTANCES

PBI Gordon Corporation 1217 West 12th Street Kansas City, MO 64101

Subject: EPA Reg. 2217-868 (EH-1407 Herbicide) 2, 4-D Reregistration Label Amendment

The labeling referred to above is in compliance with the 2, 4-D RED provided that you:

Both Sub Labels:

- 1) Submit and/or cite all data required for registration/reregistration review of your product when the Agency requires all registrants of similar products to submit data.
- 2) To the Warranty section add "to the extent consistent with applicable law" in front of "the exclusive remedy", "seller shall not be liable", and "in no case shall seller".
- 3) Delete the phrase "General Use". This is an implied safety claim.

Commercial Use Label:

- 1) The text "See engineering controls for additional requirements" should be deleted from the label since no engineering controls are required or are listed on the label.
- 2) A retreatment interval of at least 30 days must be added to the directions for use in New York state.

Homeowner Sublabel

1) The PPE text should be relocated to the Hazards to Humans and Domestic Animals section and be revised to read:

"CAUTION

Causes moderate eye irritation. Harmful if absorbed through skin or if swallowed. Avoid contact with skin, eyes, or clothing. Handlers should wear long sleeved shirt and long pants, shoes plus socks, and chemical-resistant gloves made of any waterproof material."

Page 2 EPA Reg. 2217-868

- 2) Reference to engineering controls must be deleted for this homeowner use product.
- 3) The text "Not for use on turf being grown for sale or other commercial use as sod, or for commercial seed or for research purposes" is not appropriate for this product and should be deleted from the label.

Submit 1 copy of the revised label for the record. If you have any questions please call Erik Kraft at 703-308-9358 or email at Kraft.Erik@epa.gov.

> Sincerely, vanne J. Miller

Joanne I. Miller

Product Manager 23

Herbicide Branch

Registration Division (7505P)

EH-1407 HERBICIDE

EPA Reg. No. 2217-868

Two sublabels represent the entire master label of EH-1407 Herbicide. Please refer to the appropriate section of the labeling as shown as follows:

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Sublabel 1: For Commercial Use Only

Sublabel 2: For Home Use Only

Appendix

Document Control Information

SUBLABEL 1 For Commercial Use Only

EH-1407 HERBICIDE

EPA Reg. No. 2217-868

New York State: 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 no more than 8 lbs. of product per 1,000 sq. ft. per year. (0.5 lb. of dithiopyr per acre per year), and is prohibited from use in Nassau and Suffolk Counties. Use only according to label directions.

ACTIVE INGREDIENT:

2,4-D (94-75-7)		0.64%
Mecoprop-p (16484-77-8)		0.14%
	,	0.06%
		100.02/0
1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -		100.070

THIS PRODUCT CONTAINS:

- 12.8 lbs. 2,4-dichlorophenoxyacetic acid equivalent per ton.
- 2.8 lbs. (+)-(R)-2-(2 methyl-4-chlorophenoxy)propionic acid equivalent per ton.
- 1.2 lbs. 3,6-dichloro-o-anisic acid equivalent per ton.
- 2.8 lbs. dithiopyr per ton.

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 s to be supplied based on fertilizer analysis used by manufacturer).	sources

ACCEPTED with COMMENTS In EPA Letter Dated:

2 3 JUN 2008

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

2217-868

KEEP OUT OF REACH OF CHILDREN

CAUTION

STOP! READ THE ENTIRE LABEL FIRST. OBSERVE ALL PRECAUTIONS AND FOLLOW DIRECTIONS CAREFULLY.

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION: Harmful if absorbed through skin. Harmful if swallowed. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing.

Personal Protective Equipment

Some materials that are chemical-resistant to this product are natural rubber. If you want more options, follow the instructions for category A on an EPA chemical-resistance category selection chart.

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.
 Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for treatment advice. 	
	ct container or label with you when calling a poison control center or doctor or going for additional information in case of emergency, call toll free 1-877-800-5556.

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-1407 Herbicide provides broad-spectrum control of broadleaf weeds and annual grasses in established 0cool 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 postemergent control of crabgrass only. This early postemergent control is limited, and the crabgrass control can be obtained only when this product is applied before the tillering stage of crabgrass. Postemergent 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 postemergent activity is that the user may have a longer period of 2 to 4 weeks to make applications to control crabgrass.

ORNAMENTAL LAWNS AND TURFGRASS WHERE TO USE:

EH-1407 Herbicide is intended to be applied by lawn care operators, maintenance applicators, and service technicians for use in ornamental lawns and turf established in institutional, ornamental, and residential/domestic sites. Institutional sites are defined as turf areas around properties or facilities providing a service to public or private organizations including, but not limited to hospitals, nursing homes, schools, museums, libraries, sport facilities, golf courses (excluding greens), and office buildings. Ornamental sites include turfgrass established around residences, parks, streets, retail outlets, cemeteries, industrial and institutional buildings. Finally, residential/domestic sites are defined as areas associated with the household or home life including, but not limited to apartment complexes, condominiums, and patient care areas of nursing homes, mental institutions, hospitals, or convalescent homes.

PREEMERGENT AND EARLY POSTEMERGENT CONTROL OF CRABGRASS (DITHIOPYR 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 plant 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 plants.

- 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.

ESTABLISHED TURF SPECIES

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

- Use of this product on certain varieties of fine fescues may result in undesirable turfgrass injury. Use
 of this product may result in undesireable injury on certain cultivars of fine fescues and not all
 cultivars have been tested. The following cultivars of fine fescue varieties have demonstrated
 sensitivity to this product: 'Atlanta', 'Banner', 'Beauty', 'Bilgart', '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, colonial bentgrass, or turfgrass where desirable clovers are present.

Note: It is not possible to evaluate all turfgrass varieties for tolerance to this product. It is suggested that the user evaluate the response of turfgrass varieties not listed on this label on a limited area at recommended use rates, prior to initiating large scale use.

Established Warm Season Turfgrasses—Bahiagrass, bermudagrass, buffalograss, centipedegrass, zoysiagrass, St. Augustinegrass (except 'Floratam').

- Do not use this product on 'Floratam' St. Augustinegrass.
- Do not use this product on colonial bentgrass, dichondra, carpetgrass, or turfgrass where desirable clovers are present.

Note: It is not possible to evaluate all turfgrass varieties for tolerance to this product. It is suggested that the user evaluate the response of turfgrass varieties not listed on this label on a limited area at recommended use rates, prior to initiating large scale use.

USE PRECAUTIONS AND RESTRICTIONS

• This product may be used on seeded, sodded or sprigged lawns that are well established. The grass should have developed a 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-1407 Herbicide 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. Over-application or rates above those specified on this label may result in turf injury.
- Do not use clippings from treated areas for composting, mulching vegetables, or mulching 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.

Precautions for Reseeding, Overseeding, or Sprigging:

Do not reseed, overseed or sprig treated areas for eight (8) weeks after application.

Reseeding, overseeding or sprigging of treated areas within four (4) months after the last application of a split application totaling more than 1.25 lbs. dithiopyr per acre may inhibit the establishment of desirable turfgrasses.

Overseeding bermudagrass with perennial ryegrass may be made eight (8) weeks after an application of this product.

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.

		trol and/or suppress* the fol	
Annual Bluegrass* (Poa	Barnyardgrass	Crowfootgrass	Kikuyugrass* (seedling)
nnua)	Crabgrass (large,	Foxtail (green and yellow)	Smutgrass (seedling)
Annual Ryegrass	smooth, and Southern)	Goosegrass*	<u> </u>
Broadleaf Weeds:			
Annual yellow sweetclover	Clover, white	Musk thistle	Spiny amaranth
Aster	Cockle	Mustard	Spiny cocklebur
Austrian fieldcress	Cocklebur	Narrowleaf plantain	Spiny sowthistle
Bedstraw	Common mullein	Narrowleaf vetch	Spotted catsear
Beggarticks	Creeping jenny	Nettle	Spotted spurge
Betony, Florida	Cudweed	Orange hawkweed	Spurweed
Bindweed, field	Curly dock	Oriental cocklebur	Stinging nettle
Bird vetch	Daisy, English	Oxalis	Strawberry, India mock
Bitter wintercress	Daisy fleabane	Parsley-piert	Tall nettle
Bittercress, hairy	Daisy, oxeye	Parsnip	Tall vervain
litterweed	Dandelion	Pearlwort	Tansy ragwort
llack-eyed Susan	Dichondra	Pennycress	Tansy mustard
llack medic	Dogfennel	Pepperweed	Tanweed
llack mustard	Dollarweed	Pigweed	Thistle
llackseed plantáin	False dandelion	Pineappleweed	Trailing crownvetch
llessed thistle	Falseflax	Pineywoods bedstraw -	Tumble mustard
lloodflower milkweed	False sunflower	Plains tickseed	Tumble pigweed
llue lettuce	Fiddleneck	Plantain	Velvetleaf
llue vervain	Florida pusley	Poison ivy	Venice mallow
racted plantain	Frenchweed	Poison oak	Virginia buttonweed
rassbuttons	Galinsoga	Pokeweed	Virginia creeper
ristly oxtongue	Goathead	Poorjoe	Virginia pepperweed
roadleaf dock	Goldenrod	Prairie sunflower	Wavyleaf bullthistle
roadleaf plantain	Ground ivy	Prickly lettuce	Western clematis
roomweed	Gumweed	Prickly sida	Western salsify
uckhorn plantain	Hairy fleabane	Prostrate knotweed	White mustard
ulbous buttercup	Hawkweed	Prostrate pigweed	Wild aster
ull thistle	Healall	Prostrate spurge	Wild buckwheat
ulinettie	Heartleaf drymary	Prostrate vervain	Wild carrot
urclover	Heath aster	Puncturevine	Wild four-o'clock
urdock	Hedge bindweed	Pursiane, common	Wild garlic
urning nettle	Hedge mustard	Ragweed	Wild geranium
urweed	Henbit	Red sorrel	Wild lettuce
uttercup	Hoary cress	Redroot pigweed	Wild marigold
uttonweed	Hoary plantain	Redstem filaree	Wild mustard
anada thistle	Hoary vervain	Rough cinquefoil	Wild onion
arolina geranium	Horsenettle	Rough fleabane	Wild parsnip
arpetweed	Jimsonweed	Russian pigweed	Wild radish
atchweed bedstraw	Knawel	Scarlet pimpernel	Wild rape
atnip	Knotweed	Scotch thistle	Wild sweet potato
atsear	Kochia	Sheep sorrel	Wild vetch
hickweed, common	Lambsquarters	Sheperdspurse	Woodsorrel
hickweed, mouseear	Lespedeza	Slender plantain	Woolly croton
hicory	Mallow	Smallflower galinsoga	Woolly morningglory
inquefoil	Matchweed	Smooth dock	Woolly plantain
lover, crimson	Mexicanweed	Smooth pigweed	Wormseed
lover, crimson lover, hop	Milk vetch	Sorrel	Yarrow
lover, red	1	Sowthistle	Yellow rocket
	Morningglory Mouseear hawkweed	Spanishneedles	
lover, strawberry		• •	Yellowflower pepperwee
lover, sweet	Mugwort	Speedwell	and other broadleaf

WHEN TO APPLY

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

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 annual 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 8 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 according to 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 postemergent control of crabgrass. However, postegmergent 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 turfgrass is cut relatively low (e.g., golf fairways) and/or 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 postemergent control of crabgrass. However, postemergent crabgrass control will be obtained only when this product is applied before the first tiller stage of crabgrass.

Use rate restrictions:

- New York State: 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 no more than 8 lbs. 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.
- Other States: Do not apply more than 4.5 pounds of product per 1000 square feet of turfgrass per application. If necessary, a second application may be made no sooner than 30 days after the first. Do not apply more than 9 pounds of product per 1000 square feet per year. [note to reviewer: the following information may be omitted from the final printed label: 4.5 pounds of this product contains 1.25 lbs 2,4-D (ae), 0.27 lbs mecoprop-p (ae), 0.12 lbs dicamba (ae), and 0.27 lbs dithiopyr.]

REGION	PROGRAM 1 (Lbs. Per 1,000 sq.ft.)	PROGRAM 2 (Lbs. Per 1,000 sq.ft.)
New York State only	3.0 lbs	4.5 lbs
North	3.0 lbs	4.5 lbs
Transition	4.5 lbs	3.0 lbs + 3.0 lbs split application
South	3.0 lbs + 3.0 lbs split application	4.0 lbs + 4.0 lbs split application
Coastal South	3.5 lbs + 3.5 lbs split application	4.0 lbs + 4.0 lbs split application
West	3.0 lbs to 4.5 lbs	3.5 lbs + 3.5 lbs 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, FL & 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 equipment 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 specified 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 specified 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 AND SPREADER SETTINGS:

- Calibrate the spreader according to the manufacturer's directions. Initial spreader settings may require adjustment to deliver the recommended rate under actual application conditions.
- Check equipment frequently to verify calibration and proper functioning.
- 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 3.5 pounds of product per 1,000 square feet of turfgrass: Check your spreader on 285 square feet and adjust to apply at the rate of 1 pound of product per 285 square feet.
- For 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	Gauge	lbs./1,000 sq. ft.		
	3.0 lbs.	3.5 lbs	4.0 lbs	4.5 lbs.
LESCO® Rotary	X	Х	Х	. X
Ortho® Drop (5000)	X	Х	X	X
Ortho® Rotary (6000)	X	· X	. X	X
Precision® Red Devil® Rotary	X	X	Х	X
Quaker® Rotary	X	, X	X	· X
Republic® EZ Drop	X	X	X	· X
Republic® EZ Grow	X	X	Х	X
Republic® EZ Rotary	X	Х	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	Χ.	Х	X

These 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 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.

WARRANTY

The manufacturer warrants that this product conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, expressed or implied, extends to the use of this product contrary to label instructions, or under abnormal conditions not reasonably foreseeable to manufacturer, and buyer assumes the risk of any such use.

INHERENT RISKS OF USE

It is impossible to eliminate all risks associated with use of this product. Plant injury, lack of performance or other unintended consequences may result because of such factors as use of the product contrary to label instructions (including conditions noted on this label, such as unfavorable temperature, soil conditions, etc.), abnormal conditions (such as excessive rainfall, drought, tornadoes, hurricanes), presence of other materials, the manner of application, or other factors, all of which are beyond the control of seller. All such risks shall be assumed by buyer.

LIMITATION OF REMEDIES

The exclusive remedy for losses or damages resulting from this product (including claims based on contract, negligence, strict liability, or other legal theories), shall be limited to, at sellers election, one of the following:

- 1. Refund of purchase price paid by buyer or user for product bought, or
- 2. Replacement of amount of product used.

Seller shall not be liable for losses or damages resulting from handling or use of this product unless Seller is promptly notified of such loss or damage in writing. In no case shall seller be liable for consequential or incidental damages or losses.

SUBLABEL 2 For Home Use Only

EH-1407 HERBICIDE

EPA Reg. No. 2217-868

In New York State: Do not exceed one application at the recommended rate of 3.6 lbs. of product per 1,000 sq.ft. (0.25 lb. active ingredient of dithiopyr per acre).

ACTIVE INGREDIENT:

2,4-D (94-75-7)	0.64%
Mecoprop-p (16484-77-8)	0.14%
Dicamba (1918-00-9)	
Dithiopyr (97886-45-8)	
OTHER INGREDIENTS:	
TOTAL	

THIS PRODUCT CONTAINS:

- 12.8 lbs. 2,4-dichlorophenoxyacetic acid equivalent per ton.
- 2.8 lbs. (+)-(R)-2-(2 methyl-4-chlorophenoxy)propionic acid equivalent per ton.
- 1.2 lbs. 3,6-dichloro-o-anisic acid equivalent per ton.
- 2.8 lbs. dithiopyr per ton.

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 so to be supplied based on fertilizer analysis used by manufacturer).	ources

ACCEPTED with COMMENTS In EPA Letter Dated:

2 3 JUN 2008

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

2217-868

KEEP OUT OF REACH OF CHILDREN

CAUTION

NOTICE: Read the entire label. Use only according to label directions.

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, Harmful if absorbed through skin or if swallowed. Avoid contact with skin, eyes or clothing.

Personal Protective Equipment

Some materials that are chemical-resistant to this product are natural rubber. If you want more options, follow the instructions for category A on an EPA chemical-resistance category selection chart.

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.
If inhaled:	 Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for treatment advice.
Have the produc	ct 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 and may adversely affect non-target plants. Do not apply directly to water. Do not contaminate water when disposing of equipment washwaters or rinsate.

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

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.

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.

Read all precautions and directions for use carefully before applying this product. Not for use on turf being grown for sale or other commercial use as sod, or for commercial seed or for research purposes.

GENERAL INFORMATION

EH-1407 Herbicide will control all your lawn's weeds in one application. EH-1407 Herbicide will kill over 200 lawn weeds commonly found in home lawns including dandelion, chickweed, thistle and clover, and will prevent crabgrass and other undesirable annual grasses. EH-1407 Herbicide also contains a long-lasting, timed release fertilizer that has all the nutrients your lawn needs for 2-3 months, depending on grass variety.

EH-1407 Herbicide is recommended for the following established turf species:

Established Cool Season Turfgrasses—Kentucky bluegrass, perennial ryegrass, fine and tall fescues.

Established Warm Season Turfgrasses—Bahiagrass, bermudagrass, buffalograss, centipedegrass, zoysiagrass, St. Augustinegrass (except 'Floratam').

Do not use this product on seedling buffalograss in the spring of the first year of establishment until the turfgrass is fully green and has established new roots.

Do not use EH-1407 Herbicide on colonial bentgrass, dichondra, carpetgrass, or 'Floratam' St. Augustinegrass.

If the lawn has been seeded recently, wait until after the third mowing before using this product. Do not seed, overseed or sprig the treated area for 10 weeks after application.

GENERAL USE PRECAUTIONS AND RESTRICTIONS

Use of EH-1407 Herbicide on lawns and ornamental turfgrasses that are not well established, or have been weakened by stress due to mechanical operations, 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 where desirable clovers are present or spread (apply) the granules onto flowers, vegetables or ornamental shrubbery. Do not spread over exposed roots of trees and ornamentals. Do not exceed specified dosage for any area; be particularly careful within dripline of trees and other ornamental species.

Do not use clippings from treated areas for 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.

Do not apply directly to or near water, storm drains, gutters, sewers, or drainage ditches. Do not apply within 25 feet of rivers, fish ponds, lakes, streams, reservoirs, marshes, estuaries, bays, and oceans. Do not apply when windy. Apply this product directly to your lawn, and sweep any product landing on the driveway, sidewalk, gutter, or street back onto the treated area. To prevent product run-off, do not over water the treated area(s) to the point of runoff or apply when raining or when rain is expected that day.

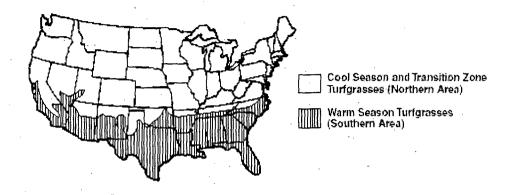
WEEDS CONTROLLED			
When applied as directed	EH-1407 Herbicide will o	ontrol the following weeds:	
Annual Grass Weeds:			· ·
Annual Bluegrass (Poa	Barnyardgrass	Foxtail (green and yellow)	Perennial Ryegrass
annua)	Crabgrass	Goosegrass	Smutgrass (seedling)
Annual Ryegrass	Crowfootgrass	Kikuyugrass (seedling)	<u> </u>
Established Broadleaf We	eds:		
Annual yellow sweetclover	Clover, white	Musk thistle	Spiny amaranth
Aster	Cockle	Mustard	Spiny cocklebur
Austrian fieldcress	Cocklebur	Narrowleaf plantain	Spiny sowthistle
Bedstraw	Common mullein	Narrowleaf vetch	Spotted catsear
Beggarticks	Creeping jenny	Nettle	Spotted spurge
Betony, Florida	Cudweed	Orange hawkweed	Spurweed
Bindweed, field	Curly dock	Oriental cocklebur	Stinging nettle
Bird vetch	Daisy, English	Oxalis	Strawberry, India mock
Bitter wintercress	Daisy fleabane	Parsley-piert	Tall nettle
Bittercress, hairy	Daisy, oxeye	Parsnip	Tall vervain
Bitterweed	Dandelion	Pearlwort	Tansy ragwort
Black-eyed Susan	Dichondra	Pennycress	Tansy mustard
Black medic	Dogfennel	Pepperweed	Tanweed
Black mustard	Dollarweed	Pigweed	Thistle
Blackseed plantain	False dandelion	Pineappleweed	Trailing crownvetch
Blessed thistle	Falseflax	Pineywoods bedstraw	Tumble mustard
Bloodflower milkweed	False sunflower	Plains tickseed	Tumble pigweed
Blue lettuce	Fiddleneck	Plantain	Velvetleaf
Blue vervain	Florida pusley	Poison ivy	Venice mallow
Bracted plantain	Frenchweed	Poison oak	Virginia buttonweed
Brassbuttons	Galinsoga	Pokeweed	Virginia creeper
Bristly oxtongue	Goathead	Poorjoe Prairie sunflower	Virginia pepperweed Wavyleaf bullthistle
Broadleaf dock	Goldenrod Ground ivy	Prickly lettuce	Western clematis
Broadleaf plantain Broomweed	Gumweed	Prickly sida	Western salsify
Buckhorn plantain	Hairy fleabane	Prostrate knotweed	White mustard
Bulbous buttercup	Hawkweed	Prostrate pigweed	Wild aster
Bull thistle	Healali	Prostrate spurge	Wild buckwheat
Bullnettle	Heartleaf drymary	Prostrate vervain	Wild carrot
Burclover	Heath aster	Puncturevine	Wild four-o'clock
Burdock	Hedge bindweed	Purslane, common	Wild garlic
Burning nettle	Hedge mustard	Ragweed	Wild geranium
Burweed	Henbit	Red sorrel	Wild lettuce
Buttercup	Hoary cress	Redroot pigweed	Wild marigold
Buttonweed	Hoary plantain	Redstem filaree	Wild mustard
Canada thistle	Hoary vervain	Rough cinquefoil	Wild onion
Carolina geranium	Horsenettle	Rough fleabane	Wild parsnip
Carpetweed	Jimsonweed	Russian pigweed	Wild radish
Catchweed bedstraw	Knawel	Scarlet pimpernel	Wild rape
Catnip	Knotweed	Scotch thistle	Wild sweet potato
Catsear	Kochia	Sheep sorrel	Wild vetch
Chickweed, common	Lambsquarters	Sheperdspurse	Woodsorrel
Chickweed, mouseear	Lespedeza	Slender plantain	Woolly croton
Chicory	Mallow	Smallflower galinsoga	Woolly morningglory
Cinquefoil	Matchweed	Smooth dock	Woolly plantain
Clover, crimson	Mexicanweed	Smooth pigweed	Wormseed
Clover, hop	Milk vetch	Sorrel	Yarrow
Clover, red	Morningglory .	Sowthistle	Yellow rocket
Clover, strawberry	Mouseear hawkweed	Spanishneedles	Yellowflower pepperweed
Clover, sweet	Mugwort	Speedwell	and other broadleaf weeds

WHEN TO APPLY

EH-1407 Herbicide can be used either in the spring or fall. EH-1407 Herbicide should be used when the grass and weeds are actively growing and the soil is moist. Do not apply under drought conditions.

In the spring, the ideal time to apply EH-1407 Herbicide is after the forsythia has bloomed or when the first dandelion flowers appear. In southern areas (see map), make a second application of EH-1407 Herbicide in 6 to 8 weeks for best weed and crabgrass control and for full season fertilization.

In the fall, apply EH-1407 Herbicide when the weather cools and both the grass and weeds are actively growing, generally around Labor Day.



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 it is applied to dry lawns. The lawn should not be watered or disturbed for 24 hours after application. Delay mowing for 3 days after application.

Apply this product when the wind is calm. Do not apply this product onto desirable plants or shrubs as damage may result. If the product gets onto other plants immediately brush or wash it off the foliage.

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.

HOW MUCH TO USE

Apply 3.6 pounds of product per 1,000 sq. ft. of turfgrass.

In New York State: Do not exceed one application at the recommended rate of 3.6 lbs. of product per 1,000 sq.ft. (0.25 lb. active ingredient of dithiopyr per acre).

Other States: Do not apply more than 3.6 pounds of product per 1000 square feet of turfgrass per application. If necessary, a second application may be made no sooner than 30 days after the first. Do not apply more than 7.2 pounds of product per 1000 square feet per year. [note to reviewer: the following information may be omitted from the final printed label: 3.6 pounds of this product contains 1.0 lbs 2,4-D (ae), 0.22 lbs mecoprop-p (ae), 0.09 lbs dicamba (ae), and 0.25 lbs dithiopyr.]

CALIBRATION INSTRUCTIONS

- For best results, apply this product evenly and uniformly avoiding streaking, skips or overlaps.
- 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.
- Check equipment frequently to verify calibration

Spreader	Gauge Setting Delivers 3.6 lbs. per 1,000 sq. ft.
LESCO® Rotary	X
Ortho® Drop (5000)	X
Ortho® Rotary (6000)	X
Precision® Red Devil® Rotary	X
Quaker® Rotary	X
Republic® EZ Drop	X
Republic® EZ Grow	X
Republic® EZ Rotary	X
(Insert your brands)	X

SUGGESTED SPREADER SETTINGS:

These 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.

If your spreader model does not appear below, please call toll-free 800-xxx-xxxx, 8 A.M. to 5 P.M. EDT, Monday to Friday for additional model settings.

STORAGE 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.

DISPOSAL: If empty: Do not reuse this container. Place in trash or offer for recycling if available. If partly filled: Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

WARRANTY

The manufacturer warrants that this product conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, expressed or implied, extends to the use of this product contrary to label instructions, or under abnormal conditions not reasonably foreseeable to manufacturer, and buyer assumes the risk of any such use.

INHERENT RISKS OF USE

It is impossible to eliminate all risks associated with use of this product. Plant injury, lack of performance or other unintended consequences may result because of such factors as use of the product contrary to label instructions (including conditions noted on this label, such as unfavorable temperature, soil conditions, etc.), abnormal conditions (such as excessive rainfall, drought, tornadoes, hurricanes), presence of other materials, the manner of application, or other factors, all of which are beyond the control of seller. All such risks shall be assumed by buyer.

LIMITATION OF REMEDIES

The exclusive remedy for losses or damages resulting from this product (including claims based on contract, negligence, strict liability, or other legal theories), shall be limited to, at sellers election, one of the following:

- 1. Refund of purchase price paid by buyer or user for product bought, or
- 2. Replacement of amount of product used.

Seller shall not be liable for losses or damages resulting from handling or use of this product unless seller is promptly notified of such loss or damage in writing. In no case shall seller be liable for consequential or incidental damages or losses.

APPENDIX SUBLABEL 1

1. Advertising claims appropriate for the bag size:

- Kills dandelion
- · Controls crabgrass and fertilizes
- Feeds and green with slow release fertilizer for up to four months.
- XX pounds covers up to xxxx sq. ft.

2. 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 area 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.
- For products distributed in the State of Washington, the following statement must appear: Information regarding the contents and levels of metals in this product is available on the Internet at http://www.xxx.com
- Information regarding the contents and levels of metals in this product is available on the internet at: "http://www.aapfco.org/metals.htm."

3. Alternate optional maximum rate statement:

Other States: The maximum broadcast application rate is 4.5 pounds of product per 1,000 sq.ft. per application (1.25 lb 2,4-D ae, 0.27 lb MCPP-p ae, 0.12 lb dicamba ae and 0.27 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 pounds of product per 1,000 sq.ft. (2.5 lb 2,4-D ae, 0.54 lb MCPP-p lb. ae, 0.24 lb dicamba and 0.54 lb dithiopyr ae per acre).

APPENDIX SUBLABEL 2

- 1. Advertising claims that may be presented on the container:
 - Kills Dandelion
 - Prevents Crabgrass and Fertilizes
 - Weed 'n Feed Plus Crabgrass Preventer
 - Fertilize Once for Whole Season—Feeds and greens with slow release fertilizer for up to three months.

• 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
	3.0	5,300		3.0	10,000
16	3.5	4,600	. 30	3.5	8,600
	4.0	4,000		4.0	7,500
	4.5	3,600		4.5	6,700
	5.0	3,200		5.0	6,000
18	3.0	6,000	40	3.0	13,300
	3.5	5,100		3.5	11,400
	4.0	4,500		4.0	10,000
	4.5	4,000		4.5	8,900
	5.0	3,600		5.0	8,000
20	3.0	6,700	50	3.0	16,700
	3.5	5,700		3.5	14,300
	4.0	5,000		4.0	12,500
	4.5	4,400		4.5	11,000
	5.0	4,000		5.0	10,000

2. Additional Labeling Requirements for Fertilizers and State Registrations:

- For paper box board containers, the following statement may appear: This container is constructed from 85% recycled box board.
- 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 area 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.
- For products distributed in the State of Washington, the following statement must appear: Information regarding the contents and levels of metals in this product is available on the Internet at http://www.xxx.com
- Information regarding the contents and levels of metals in this product is available on the internet at: "http://www.aapfco.org/metals.htm."

3. Alternate optional maximum rate statement:

Other states: The maximum broadcast application rate is 3.6 pounds of product per 1,000 sq.ft. per application (1.0 lb 2,4-D ae, 0.22 lb MCPP-p ae and 0.09 lb dicamba ae per acre per application). The maximum number of broadcast applications is limited to 2 per year with a minimum of 30 days between applications. The maximum seasonal rate is 7.2 pounds of product per 1,000 sq.ft. (2.0 lb 2,4-D ae, 0.44 lb MCPP-p ae and 0.18 lb dicamba ae per acre).

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. Tradmark acknowledgements

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

DOCUMENT CONTROL INFORMATION

1. Unique Label Identifier: 002217-00868.20080305.doc

2. Previous Version: AP120203

3. Reason for Issue: Various changes pertaining to re-registration. Re-format label.