
	U.S. ENVIRONMENTAL PROTECTION AGENCY Office of Pesticide Programs Registration Division (H7505C) 401 "M" St., S.W. Washington, D.C. 20460	EPA Reg. Number: 2217-868	Date of Issuance: DEC 2 2003
	NOTICE OF PESTICIDE:  <input checked="" type="checkbox"/> Registration <input type="checkbox"/> Reregistration  (under FIFRA, as amended)	Term of Issuance: Conditional	
		Name of Pesticide EH-1407 Herbicide	
Name and Address of Registrant (include ZIP Code): PBI/Gordon Corporation Post Office Box 014090 Kansas City, Missouri 64101			
<p><b>Note:</b> Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.</p>			
<p>On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.</p> <p>Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.</p> <p>This product is registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:</p> <ol style="list-style-type: none"> <li>1. Add the phrase "EPA Registration No. 2217-868 to the label before you release the product for shipment.</li> </ol> <p>COMMENTS CONTINUED ON PAGE 2 OF THIS NOTICE OF REGISTRATION</p> <p>If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product under the enclosed stamped copy of the label constitutes acceptance of these conditions.</p>			
Enclosure		Joanne I. Miller Product Manager (23) Herbicide Branch Registration Division (7505C)	
Signature of Approving Official:  		Date: DEC 2 2003	

## Comments Continued:

2. Add below the name of product of "Sublabel 1" the claim: "For Commercial Use Only" in type size equal to the "Child Warning Statement".
  3. Add below the name of product of "Sublabel 2" the claim: "For Home Use Only" in type size equal to the "Child Warning Statement".
  4. Add directions for handling and disposal of clippings from treated areas.
  5. In the "Precautions for reseeding, Overseeding, or Sprigging" section of Sublabel 1, give the dosage limitation in pounds of product, not "lbs. dithiopyr per acre"; and correctly reflect the dosages given in the directions of this labeling when applied as a split application.
  6. On Sublabel 2, delete the claim "EH-1407 Herbicide will control all your lawn's weeds in one application". In the "General Use Precautions and Restrictions" section revise the statement that reads: "Do not use clippings from treated areas for mulching, vegetables, or fruit trees." to read: "Do not .....for mulching vegetables or fruit trees.
  7. On Sublabel 2, give directions to the using public for disposal of clippings from treated lawns.
  8. Under the section "How Much To Use", the directions: "the maximum number of broadcast applications per treatment site is 2 per year." must include the exception as stated for use in the State of New York.
  9. Delete the "Appendix, 1. Advertising claims that may be presented on the container" that reads: "This xxx bag cover up to xx sq ft for turfgrass (lawn)." and the following matrix table of dosages. The dosage that may be used is given as 3.6 pounds of product per 1,000 sq. ft. of turfgrass. under the section: "How Much To Use".
  10. Submit the required Storage Stability and Corrosion Characteristics (EPA Guidelines Data 830.6317 and 830.6320, respectively) for this pesticide product within one year from the date of this Notice of Pesticide Registration.
  11. Submit and/or cite all data required for the registration of this product when the Agency requires all registrants of similar products to submit data; and submit acceptable responses required for reregistration of this product under FIFRA, section 4.
  12. Submit one (1) copy of the final printed labeling before you release this product for shipment.
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**SUBLABEL 1: Intended for commercial users.**

# EH-1407 HERBICIDE

**ACTIVE INGREDIENTS:**

2,4-D.....	0.64%
Mecoprop-p.....	0.14%
Dicamba.....	0.06%
Dithiopyr.....	0.14%

<b>OTHER INGREDIENTS:</b> .....	<u>99.02%</u>
<b>TOTAL</b>	<b>100.00%</b>

**THIS PRODUCT CONTAINS:**

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

Isomer Specific by AOAC Methods  
Contains the single isomer form of Mecoprop-p.

EPA File Symbol 2217-xxx

DIMENSION® is a registered trademark of Dow AgroSciences, L.L.C.

TRIMEC® is a registered trademark of PBI/GORDON CORPORATION.

CAS Registry Numbers:

- 2,4-D CAS No. 94-75-7
- Mecoprop-p CAS No. 16484-77-8
- Dicamba CAS No. 1918-00-9
- Dithiopyr CAS No. 97886-45-8

EPA Est. 961-PA-01:961-IL-01

Superscript used is first letter of lot number.

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 (P <sub>2</sub> O <sub>5</sub> ).....	x.x%
Soluble Potash (K <sub>2</sub> O).....	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

See back panel for Precautionary Statements.

**New York State:** In New York State, dithiopyr is a restricted use product listed according to the Environmental Conservation Law, Section 320.2. 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 and Suffolk Counties. Use only according to label directions.

**NET WEIGHT: (16, 18, 20, 30,40, or 50) POUNDS**

EPA File Symbol 2217-xxx

MANUFACTURED BY:



Telephone: 1-800-821-7925

ACCEPTED  
with COMMENTS  
In EPA Letter Dated

DEC 2 2003

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

2217-868



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

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**PRECAUTIONARY STATEMENTS**

**Hazards to Humans & Domestic Animals**

**CAUTION:** Harmful if absorbed through skin. Harmful if swallowed. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. When using this product, wear long-sleeved shirt, long pants, socks and shoes. After using this product, remove clothing and launder separately before reuse and promptly and thoroughly wash hands and exposed skin with soap and water.

**First Aid**

<b>If in eyes:</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15 - 20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If swallowed:</b>	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by a poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
<b>If on skin or clothing:</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15 - 20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If inhaled:</b>	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<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 1-800-xxx-xxxx.</p>	

**ENVIRONMENTAL HAZARDS**

This product is toxic to fish and highly toxic to other aquatic organisms including oysters and shrimp. Use with care when applying to turf areas adjacent to any body of water.

Drift or runoff from treated turf may adversely affect nontarget plants and aquatic organisms in adjacent aquatic sites. Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not apply when weather conditions favor drift from target area. Do not contaminate water when disposing of equipment washwaters.

When cleaning equipment, do not pour washwater on the ground; spray or drain over a large area away from wells and other water sources.

Most cases of groundwater contamination involving phenoxy herbicides such as 2,4-D and MCPP-p have been associated with mixing/loading and disposal sites. Caution should be exercised when handling 2,4-D and MCPP-p pesticides at such sites to prevent contamination of groundwater supplies. Use of closed systems for mixing or transferring this pesticide will reduce the probability of spills. Placement of the mixing/loading equipment on an impervious pad to contain spills will help prevent groundwater contamination.

**DIRECTIONS FOR USE**

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

Not for use on turf being grown for sale or other commercial use as sod, or for commercial seed production, or for research purposes.

**Re-entry Restrictions**—Do not allow people (other than applicator) on treatment area during application. Do not enter treatment areas until dust has settled. If incorporation is accomplished by water-in, do not reenter or allow others to enter the treated area until the surface is dry after water-in.

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### 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.

### GENERAL INFORMATION

EH-1407 Herbicide provides broad-spectrum control of broadleaf weeds and annual grasses in established Ocool 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 2-4 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.

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**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 undesirable 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**—Bahagrass, bermudagrass, buffalograss, centipedegrass, zoysiagrass, St. Augustinegrass (except 'Floritam').

- Do not use this product on 'Floritam' 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.

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### 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.

#### 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 2-7 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.

- WEEDS CONTROLLED -			
<b>When applied as directed, EH-1407 Herbicide will control and/or suppress* the following weeds:</b>			
Annual Bluegrass* ( <i>Poa annua</i> )	Barnyardgrass	Crowfootgrass	Kikuyugrass* (seedling)
Annual Ryegrass	Crabgrass (large, smooth, and Southern)	Foxtail (green and yellow)	Smutgrass (seedling)
		Goosegrass*	

\*Suppression is denoted with an asterisk

## - WEEDS CONTROLLED (Continued) -

**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
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	Piney woods 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	Virginia pepperweed
Broadleaf dock	Goldenrod	Prairie sunflower	Wavyleaf bullthistle
Broadleaf plantain	Ground ivy	Prickly lettuce	Western clematis
Broomweed	Gumweed	Prickly sida	Western salsify
Buckhorn plantain	Hairy fleabane	Prostrate knotweed	White mustard
Bulbous buttercup	Hawkweed	Prostrate pigweed	Wild aster
Bull thistle	Healall	Prostrate spurge	Wild buckwheat
Bullnettle	Heartleaf drymary	Prostrate vervain	Wild carrot
Burclover	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**

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 (1-2) 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 6-8 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—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—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.
- The maximum application rate to turf is 1.3 pounds of 2,4-D acid equivalent per acre per application per site. The maximum number of broadcast applications per treatment site is 2 per year.

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

REGION	PROGRAM 1 (Lbs. Per 1,000 sq.ft.)	PROGRAM 2 (Lbs. Per 1,000 sq.ft.)
New York State only	3.0 Lbs.	4.5Lbs.
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

<b>North:</b>	All states not included below.
<b>Transition:</b>	DE, KS, KY, MD, MO, NJ, VA southeastern PA, southern areas of IL, IN, OH, & coastal areas of CT, NY, & RI.
<b>South:</b>	AL, AR, GA, LA, MS, NC, NM, OK, SC, TN & TX.
<b>Coastal South:</b>	HI, FL & southern coastal areas of AL, GA, LA, MS, NC, SC & TX.
<b>West:</b>	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—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 ½ inch) at 2-7 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 Setting Delivers ___ lbs./1,000 sq. ft.			
	3.0 lbs.	3.5 lbs	4.0 lbs	4.5 lbs.
LESCO® Rotary	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
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

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.

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**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.

<b>APPENDIX</b>
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**I. 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.

**II. 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>.*

14 821

**SUBLABEL 2: Intended for homeowners.**

**EH-1407 HERBICIDE**

**ACTIVE INGREDIENTS:**

2,4-D.....	0.64%
Mecoprop-p.....	0.14%
Dicamba.....	0.06%
Dithiopyr.....	0.14%

<b>OTHER INGREDIENTS:</b> .....	<u>99.00%</u>
<b>TOTAL</b>	<b>100.00%</b>

**THIS PRODUCT CONTAINS:**

- 12.80 lbs. 2,4-dichlorophenoxyacetic acid equivalent per ton.
- 2.80 lbs. (+)-(R)-2-(2 methyl-4-chlorophenoxy)propionic acid equivalent per ton.
- 1.20 lbs. 3,6-dichloro-o-anisic acid equivalent per ton.
- 2.80 lbs dithiopyr per ton
- Isomer Specific by AOAC Methods
- Contains the single isomer form of Mecoprop-p.

CAS Registry Numbers:  
 2,4-D CAS No. 94-75-7  
 Mecoprop-p CAS No. 16484-77-8  
 Dicamba CAS No. 1918-00-9  
 Dithiopyr CAS No. 97886-45-8

EPA File Symbol 2217-xxx  
 DIMENSION<sup>®</sup> is a registered trademark of Dow AgroSciences, L.L.C.  
 TRIMEC<sup>®</sup> is a registered trademark of PBI/GORDON CORPORATION.

EPA Est. 961-PA-01:961-IL-01  
 Superscript used is first letter of lot number.

<b>GUARANTEED FERTILIZER ANALYSIS</b>	
Total Nitrogen (N).....	x.x%
x.x% Ammoniacal Nitrogen	
x.x% Water Insoluble Nitrogen	
x.x% Urea Nitrogen	
x.x% Other Water Soluble Nitrogen	
Available Phosphate (P <sub>2</sub> O <sub>5</sub> ).....	x.x%
Soluble Potash (K <sub>2</sub> O).....	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**

See back panel for Precautionary Statements.

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

**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).

**NET WEIGHT: (16, 18, 20, 30,40, or 50) POUNDS**

EPA File Symbol 2217-IL0

MANUFACTURED BY:



Telephone: 1-800-821-7925

ACCEPTED  
 with COMMENTS  
 In EPA Letter Dated

DEC 2 2003

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

2217-868



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

**PRECAUTIONARY STATEMENTS**

**Hazards to Humans & Domestic Animals**

**CAUTION:** Causes moderate eye irritation. Harmful if absorbed through skin or if swallowed. Avoid contact with skin, eyes or clothing. When using this product, wear long-sleeved shirt, long pants, socks and shoes.

**Personal Hygiene Statements:** After using this product, remove clothing and launder separately before reuse, and promptly and thoroughly wash hands and exposed skin with soap and water.

**First Aid**

<b>If in eyes:</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15 - 20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If swallowed:</b>	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by a poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
<b>If on skin or clothing:</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15 - 20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If inhaled:</b>	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<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 1-800-xxx-xxxx.</p>	

**ENVIRONMENTAL HAZARDS**

This product is toxic to fish and highly toxic to other aquatic organisms including oysters and shrimp. Use with care when applying to turf areas adjacent to any body of water.

Drift or runoff from treated turf may adversely affect nontarget plants and aquatic organisms in adjacent aquatic sites. Do not apply directly to water. Do not apply when weather conditions favor drift from target area. Do not contaminate water when disposing of equipment washwaters.

When cleaning equipment, do not pour washwater on the ground; spray or drain over a large area away from wells and other water sources.

**DIRECTIONS FOR USE**

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

**NOT FOR USE ON TURF BEING GROWN FOR SALE OR OTHER COMMERCIAL USE AS SOD, OR FOR COMMERCIAL SEED OR FOR RESEARCH PURPOSES.**

**Re-entry Restrictions:** Do not allow people (other than applicator) or pets on treatment area during application. Do not enter treatment area until dust has settled.

Read all precautions and directions for use carefully before applying this product.

**STORAGE AND DISPOSAL**

**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 or 1-800 CLEANUP for disposal instructions. Never place unused product down any indoor or outdoor drain.

In case of emergency endangering the environment involving this product, call Chemtrec day or night at (800) 424-9300.

**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**—Bahagrass, bermudagrass, buffalograss, centipedegrass, zoysiagrass, St. Augustinegrass (except 'Floritam').

**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 'Floritam' 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.

**- WEEDS CONTROLLED -**

**When applied as directed, EH-1407 Herbicide will control the following weeds:**

**Annual Grass Weeds:**

Annual Bluegrass ( <i>Poa annua</i> )	Crowfootgrass	Kikuyugrass (seedling)
Annual Ryegrass	Foxtail (green and yellow)	Perennial Ryegrass
Barnyardgrass	Goosegrass	Smutgrass (seedling)
Crabgrass		



**Established Broadleaf Weeds:**

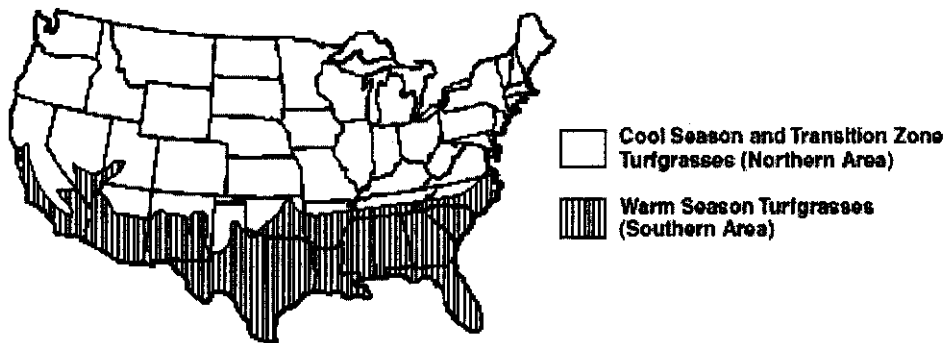
Annual yellow sweetclover	Clover, white	Musk thistle	Spiny amaranth
Aster	Cockle	Mustard	Spiny cocklebur
Austrian fieldcress	Cocklebur	Narrowleaf plantain	Spiny sowthistle
Bedstraw	Common mullein	Narrowleaf vetch	Spotted catsear
Beggarticks	Creeping jenny	Nettle	Spotted spurge
Betony, Florida	Cudweed	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
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	Virginia pepperweed
Broadleaf dock	Goldenrod	Prairie sunflower	Wavyleaf bullthistle
Broadleaf plantain	Ground ivy	Prickly lettuce	Western clematis
Broomweed	Gumweed	Prickly sida	Western salsify
Buckhorn plantain	Hairy fleabane	Prostrate knotweed	White mustard
Bulbous buttercup	Hawkweed	Prostrate pigweed	Wild aster
Bull thistle	Healall	Prostrate spurge	Wild buckwheat
Bullnettle	Heartleaf drymary	Prostrate vervain	Wild carrot
Burclover	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 6-8 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.

The maximum application rate is 1.0 pound of 2,4-D acid equivalent per acre per application per site. The maximum number of broadcast applications per treatment site is 2 per year.

### 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
<i>(Insert your brands)</i>	X
	X
	X
	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. – 5 P.M. EDT, Monday—Friday for additional model settings.

**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**

***I. 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):**

<b>Bag Size, Pounds</b>	<b>Application Rate, Pounds/1,000 Sq.Ft.</b>	<b>Treated Area for This Bag Size, Square Feet</b>
16	3.0	5,300
	3.5	4,600
	4.0	4,000
	4.5	3,600
	5.0	3,200
18	3.0	6,000
	3.5	5,100
	4.0	4,500
	4.5	4,000
	5.0	3,600
20	3.0	6,700
	3.5	5,700
	4.0	5,000
	4.5	4,400
	5.0	4,000
30	3.0	10,000
	3.5	8,600
	4.0	7,500
	4.5	6,700
	5.0	6,000
40	3.0	13,300
	3.5	11,400
	4.0	10,000
	4.5	8,900
	5.0	8,000
50	3.0	16,700
	3.5	14,300
	4.0	12,500
	4.5	11,000
	5.0	10,000

**II. 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>*