

2217-882

06/12/2007

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

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

June 12, 2007

James L. Kunstman, Ph.D.
Director of Regulatory Services
PBI/GORDON CORPORATION
P.O. Box 014090
Kansas City, MO 64101

Subject: Label Notification

Dear Dr. Kunstman:


The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 dated 5/7/07 for **EPA Registration 2217-882**. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the label change(s) requested falls within the scope of PRN 98-10. The label has been date-stamped "Notification" and will be placed in our records.

If you have any questions, please contact me directly at 703-305-6249 or Sherada Hobgood of my staff at 703-308-8893.

Sincerely,

Theresa A. Stone for

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

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

1. Company/Product Number <p style="text-align: center;">2217-882</p>	2. EPA Product Manager <p style="text-align: center;">Joanne I. Miller</p>	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) <p style="text-align: center;">EH-1415 Professional</p>	PM# <p style="text-align: center;">Product Manager—Team 23</p>	
5. Name and Address of Applicant (Include ZIP Code) PBI/Gordon Corporation Post Office Box 014090 Kansas City, Missouri 64101 <input type="checkbox"/> Check if this is a new address		6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____

Section - II

<input type="checkbox"/> Amendment - Explain below. <input type="checkbox"/> Resubmission in response to Agency letter dated _____ <input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____ <input type="checkbox"/> "Me Too" Application. <input type="checkbox"/> Other - Explain below.
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NOTIFICATION
JUN 12 2007

Explanation: Use additional page(s) if necessary. (For section I and Section II.)
Labeling Notification per Pesticide Registration Notice (PRN) 98-10:
 Requesting to modify the label in four areas as follows—(please see cover letter for details).

1. Fertilizer Grade
2. Spreader Settings
3. Clarification on use prohibitions
4. Fertilizer requirement in states.

This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or Confidential Statement of Formula of this product. I understand that it is a violation of 18 U.S.C Sec. 1001 to willfully make any false statement to the EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under Section 12 and 14 of FIFRA.

Section - III

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

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)			
Name <p style="text-align: center;">James L. Kunstman, Ph.D.</p>	Title <p style="text-align: center;">Director of Regulatory Services</p>	Telephone No. (Include Area Code) <p style="text-align: center;">316-460-6292</p>	
I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.			6. Date Application Received (Stamped)
2. Signature 	3. Title <p style="text-align: center;">Director of Regulatory Services</p>		
4. Typed Name <p style="text-align: center;">James L. Kunstman, Ph.D.</p>	5. Date <p style="text-align: center;">May 7, 2007</p>		

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

May 7, 2007

Ms. Joanne I. Miller (PM-23)
Document Processing Desk (NOTIF)
Office of Pesticide Programs (7504P)
U.S. Environmental Protection Agency
Room S-4900, One Potomac Yard
2777 South Crystal Drive
Arlington, VA 22202-4501

Label
6/12

Dear Ms. Miller:

Subject: Labeling notification for EH-1415 Professional (EPA Reg. No. 2217-882) per Pesticide Registration Notice (PRN) 98-10.

I. LABELING NOTIFICATION:

Four (4) requests are listed as follows:

1. **Fertilizer grade:** We ask to add a fertilizer grade of 16-0-9 with the nutrient contents expressed as the percentages of nitrogen (N), phosphorus (P₂O₅), and potassium (K₂O). The components of this fertilizer grade will be presented in the guaranteed analysis on the container labeling. Please refer to page 12 of the labeling.
2. **Spreader settings:** We ask to add equipment or spreader settings for centrifugal and drop spreaders. These instructions are consistent with use directions previously approved. Please refer to page 6 of the labeling.
3. **Clarification:** The current labeling contains the following prohibition for the use of this product on certain turfgrasses:

“Do not use this product on dichondra, carpetgrass, creeping bentgrass, or turf containing desirable clovers.”

We ask to duplicate verbatim this sentence in the use precautions section of the Directions for Use. Please refer to page 7 of the labeling.
4. **Fertilizer requirements in the states:** Fertilizer products must bear the required text as defined in the Fertilizer Regulation Act and the provisions of Association of American Plant Food Control Officials (AAPFCO). We ask to re-position the statements presented in the appendix and place the text in the Directions for Use. Please refer to page 9 of the labeling.

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II. Certification:

This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement. This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to the EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under Section 12 and 14 of FIFRA.

III. Enclosures:

The administrative portion of this response includes the following:

1. Application for Pesticide Amendment (EPA Form 8570-1).
2. One (1) copy of the draft labeling

Please contact me at 816-460-6292 or via e-mail at jkunstman@pbigordon.com if you have questions concerning this submission.

Sincerely,



James L. Kunstman, Ph.D.
Director of Regulatory Services

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5/18

EH-1415 PROFESSIONAL

Not for sale, distribution or use in Nassau or Suffolk Counties in New York State

ACTIVE INGREDIENTS:

2,4-D, 2-ethylhexyl ester.....	1.153%
Mecoprop-p acid.....	0.174%
Dicamba acid.....	0.073%
Sulfentrazone.....	0.034%

OTHER INGREDIENTS:	<u>98.566%</u>
TOTAL	100.000%

THIS PRODUCT CONTAINS:

- 15.30 lbs. 2,4-dichlorophenoxyacetic acid equivalent per ton or 0.765%
- 3.48 lbs. (+)-(R)-2-(2-methyl-4-chlorophenoxy)propionic acid equivalent per ton or 0.174%
- 1.46 lbs. 3,6-dichloro-o-anisic acid equivalent per ton or 0.073%
- 0.68 lbs. N-[2,4-dichloro-5-[4-(difluoromethyl)-4,5-dihydro-3-methyl-5-oxo-1H-1,2,4-triazol-1-yl]phenyl]methanesulfonamide per ton or 0.034%

CAS Registry Numbers:

- 2,4-D CAS# 1928-43-4
- Mecoprop-p CAS# 16484-77-8
- Dicamba CAS#1918-00-9
- Sulfentrazone CAS #122836-35-5

Isomer Specific by AOAC Methods
TRIMEC® and Surge® are registered trademarks of PBI/Gordon Corporation.

NOTIFICATION
JUN 1 2 2007

[Guaranteed Analysis and other required fertilizer-related statements may be presented on the front panel of the container label. A sample Guaranteed Analysis and related statements are presented in the Appendix of this master label.]

KEEP OUT OF REACH OF CHILDREN

CAUTION

See back panel for additional Precautionary Statements and First Aid.

NET WEIGHT: 15, 16, 17, 18, 20, 25, 30, 40, 42, or 45 POUNDS

FL-987

AP050707

EPA Reg. No. 2217-882

EPA EST. NO. 9198-OH-1M

9198-OH-2B

9198-AL-001A Underlined letter is first letter used in code run on bag.

MANUFACTURED BY:

G pbi/gordon
corporation
 An Employee-Owned Company
 1217 West 12th Street
 Kansas City, Missouri 64101
 1-800-821-7925

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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 swallowed. Avoid contact with eyes or clothing. When using this product, wear long-sleeved shirt, long pants, socks and shoes. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco.

First Aid	
If in eyes:	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15 - 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
If swallowed:	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by the poison control center or doctor. • Do not give anything by mouth to an unconscious person.
Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact 1-877-800-5556 for emergency medical treatment information.	

ENVIRONMENTAL HAZARDS:

This product is toxic to aquatic invertebrates. Drift or runoff may adversely affect aquatic invertebrates and nontarget plants. Do not apply directly to water. Do not contaminate water when disposing of equipment washwater.

When cleaning equipment, do not pour the 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 MCP-p and 2,4-D have been associated with mixing/loading and disposal sites. Caution should be exercised when handling MCP-p and 2,4-D pesticides at such sites to prevent contamination of groundwater supplies. Use of closed systems for mixing and 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.

Do not allow people (other than applicator) or pets on treatment area during application. Do not enter treatment areas until dust has settled.

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

STORAGE & DISPOSAL

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

PESTICIDE STORAGE: Store in original container and keep any bags containing unused product in a locked storage area inaccessible to children and domestic animals.

PESTICIDE DISPOSAL: Pesticide wastes are toxic. Improper disposal of excess pesticides, spray mixture, or rinsate is a violation of Federal law and may contaminate groundwater. 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: For Paper Bags, Plastic Bags, and Nonrefillable Bulk 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.

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WHERE TO USE:

EH-1415 Professional is a [Trimec® or Surge® broadleaf herbicide] herbicide containing fertilizer, 2,4-D, mecoprop-p, dicamba and sulfentrazone. This granular weed and feed provides plant nutrients and controls a broad spectrum of broadleaf weeds in turfgrass. Supplemental nitrogen, phosphorus, and potash should be applied according to soil tests or State Extension Service recommendations.

EH-1415 Professional is intended to be applied by noncommercial users, lawn care operators, and landscape personnel. Cool season and warm season grasses established in institutional, ornamental, and residential sites may be treated.

Institutional sites are defined as turf areas around properties or facilities providing a service to public or private organizations; for example: hospitals, nursing homes, schools, museums, libraries, sport facilities (including golf courses), and office buildings may be treated. Ornamental sites include turfgrass established around residences, parks, streets, retail outlets, cemeteries, and institutional buildings. Finally, residential 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.

EH-1415 Professional may be applied to newly seeded cool season turfgrass. Applications are recommended only after the third mowing or after the grass seedlings have tillered and have developed an adequate secondary root system.

EH-1415 Professional may be applied to newly established warm season turfgrass. Treatments should be delayed until 3 to 4 weeks after the sodding, sprigging, or plugging operations, and low application rates (1/2 of the recommendation for established turfgrass) are suggested.

A uniform broadcast distribution of product on the treated area is essential. Do not exceed the specified application rate for any area and use care in the application of this product within the dripline of trees, shrubs, and other ornamentals. Do not apply product to bare ground. Do not use this product on dichondra, carpetgrass, creeping bentgrass, or turf containing desirable clovers.

California: Make broadcast applications only between March 1 and September 1. While irrigation is necessary and important for plant growth, apply irrigation water efficiently so that no more than 125% of the net irrigation requirement is applied for any irrigation event. Apply efficient irrigations for six months following application of sulfentrazone containing products.

New York: Only one application per year of this product is allowed. This product is not allowed to be sold or used in Nassau or Suffolk Counties.

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HOW MUCH TO APPLY:

For Kentucky bluegrass, fescue spp., perennial ryegrass, common bermudagrass, and zoysiagrass:

Apply 130-174 pounds of EH-1415 Professional per acre of established turfgrass. Or, the equivalent application rates are 3.0—4.0 pounds of product per 1,000 square feet of turfgrass.

For New York State only:

Apply 130-166 pounds of EH-1415 Professional per acre of established turfgrass. Or, the equivalent application rates are 3.0—3.8 pounds of product per 1,000 square feet of turfgrass.

For St. Augustinegrass, centipedegrass, hybrid bermudagrass, bentgrass, and colonial bentgrass:

Apply 87-109 pounds of EH-1415 Professional per acre of established turfgrass. Or, the equivalent application rates are 2.0-2.5 pounds of product per 1,000 square feet of turfgrass.

The maximum application rate to turf is 1.4 pounds 2,4-D acid equivalent per acre per application per site. The maximum number of broadcast applications per treatment site is 2 per year.

Sequential or follow-up applications may be required for dense infestations of perennial and biennial weeds. Also, adverse environmental conditions prior or after application may reduce the effectiveness. If required, the treatment interval between the first and second applications should be approximately 30 days.

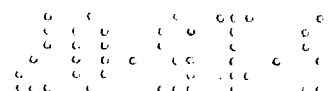
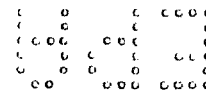
Drop spreaders, rotary spreaders, and other granular equipment should be calibrated for accurate and uniform applications of this product. Calibrate the equipment by applying the product over a measured or known area and adjust the equipment according to the recommendations of the equipment manufacturer. Refer to the rate table for the appropriate bag sizes and the area to be treated.

[Example:]

Bag Size, Lbs.	Application Rate, Lbs./1,000 Sq.Ft.	Treated Area for This Bag Size, Sq.Ft.
40	2.0	20,000
	2.5	16,000
	3.0	13,300
	3.2	12,500
	3.4	11,800
	3.6	11,100
	4.0	10,000

APPLICATION SUGGESTIONS:

1. Spring and fall applications are recommended for the best control. However, EH-1415 Professional can be applied any time broadleaf weeds are present and actively growing.
2. Mow the turfgrass 1 to 2 days before application.
3. Water the turfgrass thoroughly (>½ inch) at least 1 to 2 days before application.
4. Schedule applications in the morning when dew is present. Or, sprinkle or irrigate lightly (<¼ inch) before application to provide maximum control.
5. Rainfall or irrigation within 24 hours after application may reduce the effectiveness. Do not irrigate or water the turfgrass within 24 hours after application.



CALIBRATION INSTRUCTIONS:

To provide proper distribution, calibrate spreader before application. [Refer to table for appropriate bag sizes.]

- ◆ For 2.0 pounds of product per 1,000 square feet of turfgrass: Check your spreader on 500 square feet and adjust to apply at the rate of 1 pound of product per 500 square feet.
- ◆ For 2.5 pounds of product per 1,000 square feet of turfgrass: Check your spreader on 400 square feet and adjust to apply at the rate of 1 pound of product per 400 square feet.
- ◆ For 3.0 pounds of product per 1,000 square feet of turfgrass: Check your spreader on 333 square feet and adjust to apply at the rate of 1 pound of product per 333 square feet.
- ◆ For 3.2 pounds of product per 1,000 square feet of turfgrass: Check your spreader on 310 square feet and adjust to apply at the rate of 1 pound of product per 310 square feet.
- ◆ For 3.4 pounds of product per 1,000 square feet of turfgrass: Check your spreader on 300 square feet and adjust to apply at the rate of 1 pound of product per 300 square feet.
- ◆ For 3.6 pounds of product per 1,000 square feet of turfgrass: Check your spreader on 275 square feet and adjust to apply at the rate of 1 pound of product per 275 square feet.
- ◆ For 3.8 pounds of product per 1,000 square feet of turfgrass: Check your spreader on 260 square feet and adjust to apply at the rate of 1 pound of product per 260 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.

Spreader settings for 1.0 pound of product per 310 square feet	
Scotts EasyGreen® Rotary	26
Scotts Drop.....	5
Scotts SpeedyGreen® Rotary.....	3½
GreenView Drop (Spred II).....	4
Central Drop (#205).....	5½
Sears Drop (#19810).....	4
Ortho Drop (#5000).....	5
Precision Drop (Red Devil).....	4

Spreader	Delivers ___ lbs. /1,000 sq. ft.							
	2.0 lbs.	2.5 lbs	3.0 lbs	3.2 lbs	3.4 lbs	3.6 lbs	3.8 lbs	4.0 lbs
LESCO® Rotary calibration gauge setting #	X		X		X	X		X
Ortho® Drop (5000)	X		X		X	X		X
Ortho® Rotary (6000)	X		X		X	X		X
Precision® Red Devil® Rotary	X		X		X	X		X
Quaker® Rotary	X		X		X	X		X
Republic® EZ Drop	X		X		X	X		X
Republic® EZ Grow	X		X		X	X		X
Republic® EZ Rotary	X		X		X	X		X
Scotts® Drop (PF3)	X		X		X	X		X
Scotts® Easy Green	X		X		X	X		X
Scotts® Speedy Green	X		X		X	X		X
True Temper Rotary	X		X		X	X		X

SPREADER SETTINGS

These suggested spreader settings are not intended to replace calibration.
Please calibrate your spreader before applying product.

40 lbs. treats 16,000 sq. ft. at the 109 lbs./acre - LOW RATE (2.5 lbs./1,000 sq. ft.)
40 lbs. treats 10,500 sq. ft. at the 166 lbs./acre - MEDIUM RATE (3.8 lbs./1,000 sq. ft.)
40 lbs. treats 10,000 sq. ft. at the 174 lbs./acre - HIGH RATE (4.0 lbs./1,000 sq. ft.)

SPREADER	GROUND SPEED	WIDTH OF COVERAGE	SPREADER SETTINGS		
			LOW RATE	MEDIUM RATE	HIGH RATE
Andersons AccuPro 1000	3 mph	8 feet	1 1/2	J 3/4	K
Andersons AccuPro 2000 SR-2000 (cone 6)	3 mph	8 feet	1 1/2	J 3/4	K
Scotts R-8A (cone 6)	3 mph	8 feet	I	J 1/4	J 1/2
Lely Models WTR WFR HR 1250 (PTO at 450 rpm)	4.5 mph	26 feet	3 1/4 II-C	4 1/2 II-C	4 3/4 II-C
Vicon (03 series)	4.5 mph	30 feet	19	24	25

Note to Supplemental Registrants: Select the appropriate bag size and present only the information provided for that bag size on your product labeling. Also, equipment settings of drop spreaders, rotary spreaders, and other granular applicators may be presented on the container labels.

Bag Size, Lbs.	Application Rate, Lbs./1,000 Sq.Ft.	Treated Area for This Bag Size, Sq.Ft.
15	2.0	7,500
	2.5	6,000
	3.0	5,000
	3.2	4,700
	3.4	4,400
	3.6	4,200
	4.0	3,750
16	2.0	8,000
	2.5	6,400
	3.0	5,300
	3.2	5,000
	3.4	4,700
	3.6	4,400
	4.0	4,000
17	2.0	8,500
	2.5	6,800
	3.0	5,700
	3.2	5,300
	3.4	5,000
	3.6	4,700
	4.0	4,250
18	2.0	9,000
	2.5	7,200
	3.0	6,000
	3.2	5,500
	3.4	5,300
	3.6	5,000
	4.0	4,500

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Bag Size, Lbs.	Application rate, Lbs./1,000 Sq.Ft.	Treated Area for this Bag Size, Sq.Ft.
20	2.0	10,000
	2.5	8,000
	3.0	6700
	3.2	6400
	3.4	5800
	3.6	5700
	4.0	5000
24	2.0	12,000
	2.5	9,600
	3.0	8,000
	3.2	7,500
	3.4	7,100
	3.6	6,700
	4.0	6,000
25	2.0	12,500
	2.5	10,000
	3.0	8,300
	3.2	7,800
	3.4	7,400
	3.6	6,900
	4.0	6,250
26	2.0	13,000
	2.5	8,000
	3.0	8,700
	3.2	8,100
	3.4	7,600
	3.6	7,200
	4.0	6,500
28	2.0	14,000
	2.5	11,200
	3.0	9,300
	3.2	8,800
	3.4	8,200
	3.6	7,800
	4.0	7,000
36	2.0	18,000
	2.5	14,400
	3.0	12,000
	3.2	11,300
	3.4	10,500
	3.6	10,000
	4.0	9,000
37	2.0	18,500
	2.5	14,800
	3.0	12,300
	3.2	11,600
	3.4	10,900
	3.6	10,300
	4.0	9,250

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Bag Size, Lbs.	Application Rate, Lbs./1,000 Sq.Ft.	Treated Area for this Bag Size, Sq.Ft.
39	2.0	19,500
	2.5	15,600
	3.0	13,000
	3.2	12,200
	3.4	11,500
	3.6	10,800
	4.0	9,750
40	2.0	20,000
	2.5	16,000
	3.0	13,300
	3.2	12,500
	3.4	11,800
	3.6	11,100
	4.0	10,000
42	2.0	21,000
	2.5	16,800
	3.0	14,000
	3.2	13,100
	3.4	12,400
	3.6	11,700
	4.0	10,500
45	2.0	22,500
	2.5	18,000
	3.0	15,000
	3.2	14,100
	3.4	13,200
	3.6	12,500
	4.0	11,300
50	2.0	25,000
	2.5	20,000
	3.0	16,700
	3.2	15,600
	3.4	14,700
	3.6	13,900
	4.0	12,500

DISTRIBUTION AND SPREADER PATTERNS:

Always apply with a properly calibrated rotary or drop type fertilizer spreader to distribute the granules evenly. Never apply by hand.

Coverage - To determine how much you need to apply, multiply the length of your lawn by its width. This equals your total square footage. Deduct all non-lawn areas (house, gardens, etc.). One 50 pound bag covers up to XXXX square feet.

SINGLE PASS DISTRIBUTION:

For best results, apply this product evenly and uniformly avoiding streaking, skips or overlaps.

1. For rotary spreaders, operate at intervals corresponding to the swath width. For drop spreaders, overlap the wheel tracks to ensure complete coverage.
2. First, spread the borders of the lawn. Then apply this product to the center with straight line passes
3. Walk at a steady pace to ensure even coverage. Close the spreader opening when turning to change directions or when stopping.

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WEEDS CONTROLLED:

Dandelion, chickweed, plantain, and clover are controlled effectively with EH-1415 Professional. A partial list of susceptible weeds is shown below.

- BROADLEAF WEEDS -

Annual yellow sweetclover	Cinquefoil	Mexicanweed	Spanishneedles
Aster	Clover, crimson	Milk vetch	Speedwell
Austrian fieldcress	Clover, hop	Mouseear hawkweed	Spiny amaranth
Bedstraw	Clover, red	Mugwort	Spiny sowthistle
Beggarticks	Clover, strawberry	Narrowleaf plantain	Spotted catsear
Betony, Florida	Clover, sweet	Nettle	Spotted spurge
Bird vetch	Clover, white	Orange hawkweed	Spurweed
Bitter wintercress	Cockle	Oxalis	Strawberry, India mock
Bittercress, hairy	Creeping jenny	Parsley-piert	Tall nettle
Bitterweed	Cudweed	Parsnip	Tansy ragwort
Black-eyed Susan	Curly dock	Pearlwort	Tansy mustard
Black medic	Daisy, English	Pepperweed	Thistle
Blackseed plantain	Daisy fleabane	Pigweed	Trailing crownvetch
Blessed thistle	Daisy, oxeye	Pineywoods bedstraw	Tumble mustard
Bloodflower milkweed	Dandelion	Plains coreopsis	Tumble pigweed
Blue lettuce	Dichondra	Plantain	Venice mallow
Blue vervain	Dollarweed	Poison ivy	Virginia buttonweed
Bracted plantain	False dandelion	Poison oak	Virginia pepperweed
Bristly oxtongue	Falseflax	Poorjoe	Wavyleaf bullthistle
Broadleaf dock	False sunflower	Prairie sunflower	Western clematis
Broadleaf plantain	Florida pusley	Prostrate knotweed	Wild aster
Buckhorn plantain	Galinsoga	Prostrate pigweed	Wild carrot
Bulbous buttercup	Goldenrod	Prostrate spurge	Wild four-o'clock
Bull thistle	Ground ivy	Puncturevine	Wild garlic
Bullnettle	Gumweed	Purslane, common	Wild geranium
Burclover	Hairy fleabane	Ragweed	Wild lettuce
Burdock	Hawkweed	Red sorrel	Wild marigold
Burning nettle	Healall	Redroot pigweed	Wild onion
Burweed	Heartleaf drymary	Redstem filaree	Wild rape
Buttercup	Heath aster	Rough cinquefoil	Wild strawberry
Buttonweed	Henbit	Russian pigweed	Wild vetch
Canada thistle	Hoary cress	Scarlet pimpernel	Woodsorrel
Carolina geranium	Hoary plantain	Sheep sorrel	Woolly croton
Carpetweed	Hoary vervain	Shepherdspurse	Woolly plantain
Catchweed bedstraw	Knawel	Slender plantain	Wormseed
Catnip	Knotweed	Smallflower galinsoga	Yarrow
Catsear	Lambsquarters	Smooth dock	Yellow rocket
Chickweed, common	Lespedeza	Smooth pigweed	Yellowflower pepperweed
Chickweed, mouseear	Mallow	Sorrel	and other broadleaf weeds
Chicory	Matchweed	Sowthistle	

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APPENDIX

I. Guaranteed Analysis:

GUARANTEED ANALYSIS XX-X-X	
Total Nitrogen (N)	XX%
x.x% ammoniacal nitrogen	
x.x% urea nitrogen*	
Available Phosphate (P ₂ O ₅)	X%
Soluble Potash (K ₂ O)	X%
Sulfur (S)	X%
x.x% free sulfur (S)	
Derived from: polymer-coated sulfur-coated urea, urea, ammonium phosphate, potassium chloride.	
*A portion of the urea has been coated to provide x.x% coated slow-release nitrogen.	
This product and/or its manufacture is covered by one or more of the following U.S. patents and international counterparts thereof: US Patent Numbers: xxxxxx	

GUARANTEED ANALYSIS 16-0-9	
Total Nitrogen (N)	16.00%
16.00% urea nitrogen*	
Soluble Potash (K ₂ O)	9.00%
Sulfur (S)	1.62%
1.62% free sulfur (S)	
Plant nutrients derived from urea, potassium chloride and polymer coated sulfur coated urea.	
Chlorine (Cl) Max.	7.60%
*4.00% slowly available nitrogen from polymer coated sulfur coated urea.	FL987

Note: Fertilizer grades with nutrient contents expressed as the percentages of N, P₂O₅ and K₂O may include the following: 23-3-7 or x-x-x. The fertilizer grade analyses may contain macronutrients and micronutrients. The nutrient contents expressed will vary among states, and the analyses will differ between supplemental registrations.

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State mandated fertilizer label requirements:

Typically a lawn will utilize 1 to 4 pounds of nitrogen per 1,000 square feet per growing season. When used as directed this product will supplement your regular fertilizer program by providing ___ pounds of nitrogen per 1,000 square feet. Consult your local Extension office for questions regarding a fertilizer program suitable to your geographical region.

Fertilizer information regarding the contents and levels of metals in this product is available on the Internet at <http://www.aapfco.org/metal.htm>

Advisory for Fertilizers Containing Iron:

Keep this product off sidewalks, patios, driveways, etc. This fertilizer may contain iron which will stain concrete and painted surfaces. If it comes in contact with concrete surfaces, sweep off immediately before flushing with water. If concrete is wet when contact occurs, staining may be impossible to prevent. Be careful when using rotary spreaders which scatter fertilizer beyond lawn edge and onto concrete.

Association of American Plant Food Control Officials (AAPFCO):

- Information regarding the contents and levels of metals in this product is available on the Internet at <http://www.aapfco.org/metal.htm>.
- OR
- Information regarding the contents and levels of metals in this product is available on the Internet at <http://www.regulatory-info-xx.com>
- Each registrant shall substitute a unique alphanumeric identifier for "xx". This statement may be used only if the licensee establishes and maintains the Internet site: there is a clearly visible, direct hyperlink to a government website; and the Internet site contains no advertising or company specific information

[For fertilizer grade 16-0-9

Typically a lawn will utilize 1 to 4 pounds of nitrogen per 1,000 square feet per growing season. When used as directed this product will supplement your regular fertilizer program by providing 0.64 pounds of nitrogen per 1,000 square feet. Consult your local Extension office for questions regarding a fertilizer program suitable to your geographical region.]

USE PRECAUTIONS:

Do not use on dichondra, carpetgrass or turfgrass where desirable clovers are present.

Do not use this product on dichondra, carpetgrass, creeping bentgrass, or turf containing desirable clovers.

Do not apply this product to newly seeded grasses until well-established or after the third mowing.

Do not use this product on flowers, vegetables, groundcovers, gardens or landscape plantings including shrubs and trees. Do not exceed specified dosage for any area.

Do not use this product on 'Floritam' St. Augustinegrass.

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II. State mandated fertilizer labeling requirements:

Association of American Plant Food Control Officials (AAPFCO):

- Information regarding the contents and levels of metals in this product is available on the internet at <http://www.aapfco.org/metals.htm> .
- or
- Information regarding the contents and levels of metals in this product is available on the Internet at <http://www.regulatory-info-xx.com>

Each registrant shall substitute a unique alphanumeric identifier for "xx". This statement may be used only if the licensee establishes and maintains the Internet site: there is a clearly visible, direct hyperlink to a government website; and the Internet site contains no advertising or company specific information

States:

- Typically a lawn will utilize 1 to 4 pounds of nitrogen per 1,000 square feet per growing season. When used as directed this product will supplement your regular fertilizer program by providing ___ pounds of nitrogen per 1,000 square feet. Consult your local Extension office for questions regarding a fertilizer program suitable to your geographical region.
- **For fertilizer grade 16-0-9:** Typically a lawn will utilize 1 to 4 pounds of nitrogen per 1,000 square feet per growing season. When used as directed this product will supplement your regular fertilizer program by providing 0.64 pounds of nitrogen per 1,000 square feet. Consult your local Extension office for questions regarding a fertilizer program suitable to your geographical region.

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III. Fertilizer Grades:

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

16-0-9	22-4-11	26-4-4	30-4-4
19-6-8	23-3-7	26-4-6	32-3-3
22-3-3	25-3-3	28-0-3	32-4-8
22-3-6	25-4-8	29-3-4	24-4-8
22-3-17	26-3-6	30-3-3	

IV. Advertising claims which may be presented on the container label, advertisements and/or promotional brochures for subregistered products.

- This product is a premium grade herbicide & plant nutrient combination which controls a wide spectrum of broadleaf weeds while providing both fast and long lasting feeding action.
- Combination of 4 active ingredients enhances speed of herbicide activity.
- Superior cool season performance.
- Controls tough broadleaf weeds.

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