

2217-855

09-18-2009

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

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCE

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

SEP 18 2009

Subject: Notification(s) for Label Revisions under PRN 2007-4 and 2008-1

Dear Dr. Kunstman:

The Agency is in receipt of your Application(s) for Pesticide Notification under Pesticide Registration Notices (PRN) 2007-4 and 2008-1 dated July 15, 2009 for:

EPA Registration 2217-855 1382 EC Residential Herbicide

The Registration Division (RD) has conducted a review of the request(s) for applicability under 2007-4 and 2008-1 and finds that the label changes requested fall within the scope of 2007-4 and 2008-1. The label has been date-stamped "Notification" and will be placed in our records.

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

If you have any questions, please contact me directly at 703-305-6249 or Nicole Williams of my staff at 703-308-5551.

Sincerely,

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



United States
Environmental Protection Agency
 Washington, DC 20460

Registration
 Amendment
 Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number 2217-855	2. EPA Product Manager Joanne I. Miller	3. Proposed Classification
4. Company/Product (Name) 1382 EC Residential Herbicide	PM# Product Manager—Team 23	<input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
5. Name and Address of Applicant (Include ZIP Code) PBI/Gordon Corporation Post Office Box 014090 Kansas City, Missouri 64101 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section - II

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

NOTIFICATION

SEP 18 2009

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

Labeling notification per Pesticide Registration Notice (PRN) 2007-4 and Pesticide Registration Notice (PRN) 2008-1.

Please refer to cover letter for details and certification statement.

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

Section - III

1. Material This Product Will Be Packaged In:			
Child-Resistant Packaging <input checked="" type="checkbox"/> Yes* <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Type of Container <input type="checkbox"/> Metal <input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____
* Certification must be submitted		If "Yes" Unit Packaging wgt. No. per container	If "Yes" Package wgt. No. per container
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container	4. Size(s) Retail Container 8 fl. oz., 1 pint, 1 quart	5. Location of Label Directions <input checked="" type="checkbox"/> On Label <input checked="" type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Other _____ <input checked="" type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled			

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name James L. Kunstman, Ph.D.	Title Director of Regulatory Services	Telephone No. (Include Area Code) 816-460-6292
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or Both under applicable law.		6. Date Application Received (Stamped)
2. Signature 	3. Title Director of Regulatory Services	
4. Typed Name James L. Kunstman, Ph.D.	5. Date July 15, 2009	

3
13



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

July 15, 2009

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

Attn: Ms. Joanne I. Miller (PM-23)

Dear Ms. Miller:

Subject: Labeling notifications according to Pesticide Registration Notices (PRN) 2007-4 and PRN 2008-1. 1382 EC Residential Herbicide (EPA Reg. No. 2217-855)

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

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

Please refer to page 7 of the draft labeling.

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

II. Labeling notification for Pesticide Registration Notice (PRN) 2008-1

1. We ask to revise the environmental hazards section of the labeling and to adopt the exact language of (PRN) Pesticide Registration Notice (PRN 2008-1), Environmental Hazard Labeling Statements on Outdoor Residential Use. Please refer to page 2 for the annotated text.

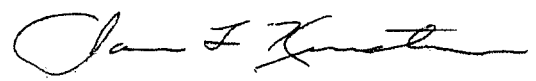
2. **Certification:** This notification is consistent with the guidance PR Notice 2008-1 and the requirements of EPA's regulations at 40 CFR 156.10, 156.80, and 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that 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 guidance of PRN 2008-1 and the requirements of 40 CFR 156.10, 40 CFR 156.80, 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:

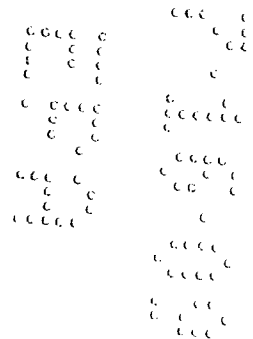
- 1. Application for Pesticide Amendment (EPA Form 8570-1)
- 2. One (1) copy of the draft labeling

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

Sincerely,



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



1382 EC RESIDENTIAL

EPA Reg. No. 2217-855

NOTIFICATION

SEP 18 2009

ACTIVE INGREDIENT:

2,4-D, 2-ethylhexyl ester	10.49%
Mecoprop-p, acid	2.66%
Dicamba, acid	0.67%
Carfentrazone-ethyl	0.54%
INERT INGREDIENTS:	85.64%
TOTAL	100.00%

THIS PRODUCT CONTAINS:

- 0.52 lb 2,4-dichlorophenoxyacetic acid equivalent per gallon or 6.96%.
- 0.20 lb (+)-R-2-(2-methyl-4-chlorophenoxy)propionic acid equivalent per gallon or 2.66%.
- 0.05 lb 3,6-dichloro-o-anisic acid equivalent per gallon or 0.67%.
- 0.04 lb Ethyl α ,2-dichloro-5-[4(difluoromethyl)-4,5-dihydro-3-methyl-5-oxo-1H-1,2,4-triazol-1-yl]-4-fluorobenzenepropanoate or 0.54%

Isomer Specific by AOAC Methods.
 Contains Petroleum Distillate.
 TRIMEC® is a registered trademark of PBI/Gordon Corporation

KEEP OUT OF REACH OF CHILDREN

CAUTION

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

PRECAUTIONARY STATEMENTS

Hazards to Human and Domestic Animals

CAUTION: Harmful if absorbed through the skin. Avoid contact with skin, eyes, or clothing. Harmful if swallowed. When using this product, wear long-sleeved shirt, long pants, socks, shoes, and chemical resistant gloves.

Personal Hygiene Statements

After using this product, rinse gloves before removing, remove clothing and launder separately before reuse, and promptly and thoroughly wash hands and exposed skin with soap and water. Remove saturated clothing as soon as possible and shower.

First Aid	
If swallowed:	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Do not induce vomiting unless told to by a poison control center or doctor. • Do not give any liquid to the person. • Do not give anything by mouth to an unconscious person.

If on skin:	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15 - 20 minutes. • Call a poison control center or doctor for treatment advice.
<p>Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact 1-877-800-5556 for emergency medical treatment advice.</p>	
<p>NOTE TO PHYSICIAN: Contains petroleum distillate - vomiting may cause aspiration pneumonia.</p>	

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.

[Environmental Hazards (alternate per PRN 2008-1)]

This pesticide is toxic to fish and aquatic invertebrates and may adversely affect non-target plants. To protect the environment, do not allow pesticide to enter or runoff into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area. Rinsing application equipment over the treated area will help avoid run off to water bodies or drainage systems.

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

PRODUCT DESCRIPTION:

This Trimec® product is a combination of four proven weed killers: 2,4-D, mecoprop-p, dicamba and carfentrazone-ethyl. Postemergent applications of this product control a wide range of broadleaf lawn weeds in residential lawns including dandelion, chickweed, spurge, pennywort (dollarweed), knotweed, plantain, clover and ground ivy (creeping Charlie).

This product offers these advantages:

- Rapid and effective weed control for common and troublesome weed species in turfgrass
- Fast acting with evidence of injury within hours. Generally, the injury symptoms can be noticed within hours of the application and plant death can occur within 7 to 14 days.

WHERE TO USE:

This product is intended for use on most ornamental lawns including:

Cool Season Turfgrass	Warm Season Turfgrass
Kentucky bluegrass Perennial ryegrass Tall fescue Red or fine leaf fescues Colonial bentgrass Mixtures of cool season species	Common bermudagrass Hybrid bermudagrass Bahiagrass Zoysiagrass Buffalograss St. Augustinegrass Centipedegrass

Turfgrass tolerance:

The turfgrass tolerance to 1382 EC Residential may vary and temporary turfgrass yellowing may occur on St. Augustinegrass and certain varieties of hybrid bermudagrass.

1382 EC Residential may injure certain turfgrass species. To reduce risk of lawn injury, avoid spraying drought stressed lawns or when temperatures are above 90°F.

Prohibitions:

- Do not use this product on carpetgrass, dichondra or lawns containing desirable clovers.
- Do not apply this product to 'Floritam' or Bitterblue' varieties of St. Augustinegrass in Florida.
- Do not apply this product to St. Augustinegrass during spring green-up which is the transition period between dormancy and active growth.
- Do not spray roots of trees and ornamentals.
- Do not allow spray to drift onto vegetables, flowers, ornamental plants, shrubs, trees and other desirable plants since injury may result.
- Do not exceed specified dosages for any area. Be particularly careful within dripline of trees and other ornamental species.
- Do not apply as a fine mist because of potential injury to desirable plants.
- 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. To prevent product runoff, do not overwater the treated area to the point of runoff or apply when raining or when rain is expected that day. Rinse applicator over lawn or garden area only.

WHEN TO APPLY:

Spray when broadleaf weeds are young and actively growing for best results.

1382 EC Residential may be applied in the spring, summer, or fall. Spring and fall treatments under adequate soil moisture conditions are preferred to the summer treatments. Generally, summer broadcast applications to older, drought stressed weeds are less effective.

Broadcast (entire areas) applications or follow-up applications at 2 to 6 week intervals are recommended for more mature weeds, for dense infestations, and for adverse environmental conditions.

Spot treatments during the summer may be appropriate for sparse infestations, or as a follow-up treatment, or any time broadleaf weeds are susceptible.

CULTURAL TIPS FOR IMPROVED CONTROL:

Irrigation:

- Do not apply this product immediately before rainfall or irrigation. Rain or watering within 4 hours after treatment may reduce effectiveness.

Mowing:

- Delay mowing 1 to 2 days before and after the application of this product.

Reseeding Interval:

- Treated areas may be reseeded 2 weeks after application.

THREE EASY STEPS TO MIX AND APPLY:

1. Determine (Measure) the lawn area to be sprayed. Calculate square feet by multiplying length by width. The application rate for this product is presented as fl.oz. (tablespoons) per 1,000 sq.ft. of lawn.
2. Use hand-operated sprayers (backpack sprayers, compression sprayers, knapsack sprayers or tank type) or hose end sprayers. Carefully measure and mix the proper amount of product with water. See below for instructions for the various types of sprayers.
3. Spray evenly over the lawn.

HOW MUCH TO USE:

1. BROADCAST TREATMENTS FOR COOL SEASON TURFGRASS:

Use rates of 1382 EC Residential on cool season turfgrass as broadcast treatments are presented in Table 1.

Species	Amount of Product	Treated Area, sq.ft.		
	fl.oz./1,000 sq.ft.	8.0 fl.oz. sprayer jar or retail container	1.0 pt. (16 fl.oz.) sprayer jar or retail container	1.0 qt. (32 fl.oz.) sprayer jar or retail container
Kentucky bluegrass, Perennial ryegrass, Tall fescue, Red or fine leaf fescues, Colonial bentgrass, Mixtures of cool season species	1.5 to 2.0	4,000 to 5,300 sq.ft.	8,000 to 10,600 sq.ft.	16,000 to 21,300 sq.ft.

HOW TO APPLY:

FOR ORTHO HOSE-END SPRAYERS FOR COOL SEASON TURFGRASS

- **For Ortho® Dial'N Spray Hose-End Sprayer:** Measure 2.0 fl.oz. (4 Tbs.) into sprayer jar. Do not add water. Set dial on 1 oz. and spray uniformly on 1,000 sq.ft. of lawn.
- **For Ortho® Plant & Weed Sprayette® Hose-End Sprayer:** Measure 2.0 fl.oz. (4 Tbs.) into sprayer jar. Fill with water to the 5 gallon mark and spray to cover 1,000 sq.ft.
- **For Gilmour® 20-Gallon Lawn Sprayer, Model 390B, Sprayer Jar with 32 fl.oz. and Dilution Rate of 80:1:**
 - For 1.5 fl.oz. of product per 1,000 sq.ft.: Measure 10 fl.oz. of product into sprayer jar. Add water or fill with water to the 32 fl.oz. line of the sprayer jar. Spray entire contents uniformly on 6,700 sq.ft. of lawn.
 - For 2.0 fl.oz. of product per 1,000 sq.ft.: Measure 13.3 fl.oz. of product into sprayer jar. Add water or fill with water to the 32 fl.oz. line of the sprayer jar. Spray entire contents uniformly on 6,700 sq.ft. of lawn.
- **For Gilmour® Metering Dial Insecticide & Fertilizer Sprayer:**
 - For 1.5 fl.oz. of product per 1,000 sq.ft.: Set the dial to 1 tablespoon (3 teaspoons) per gallon. Add 1.5 ounces of herbicide to the sprayer bottle for each 1,000 sq. ft. of lawn to be treated. Insert siphon tube into the base of the sprayer head. Attach water hose to sprayer. Squeeze the handle and spray entire contents uniformly on area to be treated.
 - For 2.0 fl.oz. of product per 1,000 sq.ft.: Set the dial to 4 teaspoons per gallon. Add 2 ounces of herbicide to the sprayer bottle for each 1,000 sq. ft. of lawn to be treated. Insert siphon tube into the base of the sprayer head. Attach water hose to sprayer. Squeeze the handle and spray entire contents uniformly on area to be treated.

The maximum application rate is 3.0 fl.oz. of product/1,000 sq.ft. per application (0.5 lb 2,4-D acid equivalent per acre per application). The maximum number of broadcast applications is limited to 2 per

year. The maximum seasonal rate is 6.0 fl.oz. of product/1,000 sq.ft. (1.0 lb 2,4-D acid equivalent per acre), excluding spot treatments. Limited to 2 broadcast applications per year. Minimum of 30 days between applications is required.

2. SPOT TREATMENTS FOR COOL SEASON TURFGRASS.

HAND OPERATED OR PUMP-UP SPRAYERS:

For cool season turfgrass, mix 1.5 to 2.0 fl.oz. of 1382 EC Residential per 1.0 gallon of water for treatment of approximately 1,000 sq.ft. of turfgrass. Apply any time the emerged broadleaf weeds are susceptible. Spray the target weeds thoroughly and wet the entire leaf surface of the undesirable plants.

Spray volume, gals. Of water	Fluid ounces (fl.oz.) of product	Tablespoons (tbs.) of product	Area to be treated, sq.ft.
1 gallon	1.5 to 2.0 fl.oz.	3.0 to 4.0 tbs.	1,000 sq.ft.
2 gallons	3.0 to 4.0 fl.oz.	6.0 to 8.0 tbs.	2,000 sq.ft.
3 gallons	4.5 to 6.0 fl.oz.	9.0 to 12.0 tbs.	3,000 sq.ft.

Equal measures: 1.0 fl.oz. = 2 tablespoons. 1 tablespoon = 3 teaspoons

Use rates of 1382 EC Residential on cool season turfgrass as broadcast treatments are presented in Table 2.

Species	Amount of Product	Treated Area, sq.ft.		
	Fl.oz./1,000 sq.ft.	8.0 fl.oz. sprayer jar or retail container	1.0 qt. (16 fl.oz.) sprayer jar or retail container	1.0 qt. (32 fl.oz.) sprayer jar or retail container
Common bermudagrass	1.0 to 2.0	4,000 to 8,000 sq.ft	8,000 to 16,000 sq.ft.	16,000 to 32,000 sq.ft.
Hybrid bermudagrass, Bahiagrass, Zoysiagrass, Buffalograss, St. Augustinegrass, Centipedegrass	0.75 to 1.5	5,300 to 10,600 sq.ft	10,600 to 21,300 sq. ft.	21,300 to 43,000 sq.ft.

HOW TO APPLY:

FOR ORTHO HOSE-END SPRAYERS FOR WARM SEASON TURFGRASS

- **For Ortho® Dial'N Spray Hose-End Sprayer:** Measure 1.5 fl.oz. (3 Tbs.) into sprayer jar. Do not add water. Set dial to 1 Tbs. and spray uniformly on 1,000 sq.ft. of lawn.
- **For Ortho® Plant & Weed Sprayette® Hose-End Sprayer:** Measure 1.5 fl.oz. (3 Tbs.) into sprayer jar. Fill with water to the 5 gallon mark and spray uniformly on 1,000 sq.ft. of lawn.
- **For Gilmour® 20-Gallon Lawn Sprayer, Model 390B, Sprayer Jar with 32 fl.oz. and Dilution Rate of 80:1:**
 - For 0.75 fl.oz. of product per 1,000 sq.ft.: Measure 5.0 fl.oz. of product into sprayer jar. Add water or fill with water to the 32 fl.oz. line of the sprayer jar. Spray entire contents uniformly on 6,700 sq.ft. of lawn.
 - For 1.0 fl.oz. of product per 1,000 sq.ft.: Measure 6.7 fl.oz. of product into sprayer jar. Add water or fill with water to the 32 fl.oz. line of the sprayer jar. Spray entire contents uniformly on 6,700 sq.ft. of lawn.
 - For 1.5 fl.oz. of product per 1,000 sq.ft.: Measure 10.0 fl.oz. of product into sprayer jar. Add water or fill with water to the 32 fl.oz. line of the sprayer jar. Spray entire contents uniformly on 6,700 sq.ft. of lawn.
 - For 2.0 fl.oz. of product per 1,000 sq.ft.: Measure 13.3 fl.oz. of product into sprayer jar. Add water or fill with water to the 32 fl.oz. line of the sprayer jar. Spray entire contents uniformly on 6,700 sq.ft. of lawn.
- **For Gilmour® Metering Dial Insecticide & Fertilizer Sprayer:**
 - For 1.0 fl.oz. of product per 1,000 sq.ft.: Set the dial to 2 teaspoons per gallon. Add 1.0 ounce of

herbicide to the sprayer bottle for each 1,000 sq. ft. of lawn to be treated. Insert siphon tube into the base of the sprayer head. Attach water hose to sprayer. Squeeze the handle and spray entire contents uniformly on area to be treated.

- o For 1.5 fl.oz. of product per 1,000 sq.ft.: Set the dial to 1 tablespoons (3 teaspoons) per gallon. Add 1.5 ounces of herbicide to the sprayer bottle for each 1,000 sq. ft. of lawn to be treated. Insert siphon tube into the base of the sprayer head. Attach water hose to sprayer. Squeeze the handle and spray entire contents uniformly on area to be treated.
- o For 2.0 fl.oz. of product per 1,000 sq.ft.: Set the dial to 4 teaspoons per gallon. Add 2 ounces of herbicide to the sprayer bottle for each 1,000 sq. ft. of lawn to be treated. Insert siphon tube into the base of the sprayer head. Attach water hose to sprayer. Squeeze the handle and spray entire contents uniformly on area to be treated.

**SPOT TREATMENTS FOR WARM SEASON TURFGRASS:
HAND OPERATED OR PUMP-UP SPRAYERS.**

For warm season turfgrass, mix 0.75 to 1.5 fl.oz. of 1382 EC Residential per 1.0 gallon of water for treatment of approximately 1,000 sq.ft. of turfgrass. Apply any time the emerged broadleaf weeds are susceptible. Spray the target weeds thoroughly and wet the entire leaf surface of the undesirable plants.

Spray volume, gals. Of water	Fluid ounces (fl.oz.) of product	Tablespoons (tbs.) of product	Area to be treated, sq.ft.
1 gallon	0.75 to 1.5 fl.oz.	1.5 to 3.0 tbs.	1,000 sq.ft.
2 gallons	1.5 to 3.0 fl.oz.	3.0 to 6.0 tbs.	2,000 sq.ft.
3 gallons	2.25 to 4.5 fl.oz.	4.5 to 9.0 tbs.	3,000 sq.ft.
Equal measures: 1.0 fl.oz. = 2 tablespoons. 1 tablespoon = 3 teaspoons			

The maximum application rate is 3.0 fl.oz. of product/1,000 sq.ft. per application (0.5 lb 2,4-D acid equivalent per acre per application). The maximum number of broadcast applications is limited to 2 per year. The maximum seasonal rate is 6.0 fl.oz. of product/1,000 sq.ft. (1.0 lb 2,4-D acid equivalent per acre), excluding spot treatments.

Ready-to-use hose-end sprayers supplied by Green Garden Products Company® and other suppliers. Dilution factor of 200:1 with a sprayer jar capacity of 8 and 16 fl.oz.

This retail sprayer bottle will cover the approximate areas described below when this product is applied to established turfgrass. Over-application or rates above those recommended on this label can cause turf injury.

Four Steps To Apply:

1. Measure the total (entire) lawn area to be sprayed. For rectangular areas, multiply the length by the width to obtain total square feet.
2. Connect a garden hose to the hose-end sprayer. Make sure the control valve on the nozzle is in the OFF position.
To BEGIN spraying: Turn on water at faucet. Point nozzle toward lawn to be treated and turn the control valve to the ON position. Water will automatically mix with the product. Spray evenly over the measured area.
3. **SPRAY:** Spray evenly over the measured area. Walk at a steady pace. Refer to the view strip [graduated scale] on the side of the container to guide coverage. The xx fl.oz. container will treat xxxx sq.ft. of turfgrass.
4. To STOP spraying: Turn control valve to the OFF position. Turn off water at faucet. To relieve pressure, turn control valve to ON position and wait until water stops spraying before removing sprayer from hose

Species	8.0 fl.oz. sprayer jar or retail container	1.0 pt. (16 fl.oz.) sprayer jar or retail container
Kentucky bluegrass Perennial ryegrass Tall fescue Red or fine leaf fescues Colonial bentgrass Mixtures of cool season species	5,000 sq.ft.	10,000 sq.ft.
Common bermudagrass Hybrid bermudagrass Bahia grass Zoysiagrass Buffalograss St. Augustinegrass ¹ Centipedegrass	10,000 sq.ft.	20,000 sq.ft.
¹ Do not apply this product to 'Floratum' or Bitterblue' varieties of St. Augustinegrass in Florida. The maximum application rate is 3.0 fl.oz. of product/1,000 sq.ft. per application (0.5 lb 2,4-D acid equivalent per acre per application). The maximum number of broadcast applications is limited to 2 per year. The maximum seasonal rate is 6.0 fl.oz. of product/1,000 sq.ft. (1.0 lb 2,4-D acid equivalent per acre), excluding spot treatments.		

BROADLEAF WEEDS CONTROLLED:

1382 EC Residential will control or suppress the following broadleaf weeds and will control or suppress other broadleaf weeds that are susceptible to 2,4-D. A partial list is presented below.

BROADLEAF WEEDS			
Aster, white heath & white prairie	Dogfennel	Mallow, common	Shepherdspurse
Bedstraw	English daisy	Matchweed	Spotted spurge
Beggarweed, creeping	False dandelion (*spotted catsear & common catsear)	Mouseear chickweed	Spurge
Bindweed	Field bindweed	Old world diamond flower	Thistle
Black medic	(*morninggloory & creeping jenny)	<i>Oxalis</i> (*yellow woodsorrel & creeping woodsorrel)	<i>Veronica</i> (*corn speedwell)
Broadleaf plantain	Field oxeye-daisy	Parsley-piert	Virginia buttonweed
Buckhorn plantain	(*creeping oxeye)	Pennsylvania smartweed	White clover (*Dutch clover, honeysuckle clover, white trefoil, & purplewort)
Bull thistle	Filaree, whitestem & redstem	Pennywort (*dollarweed)	Wild carrot
Burclover	Florida betony	Pepperweed	Wild garlic
Burdock, common	Florida pusley	Pigweed	Wild geranium
Buttercup, creeping	Ground ivy (*creeping Charlie)	Pineappleweed	Wild lettuce
Carpetweed	Groundsel	Plantain	Wild mustard
Chickweed, common	Hawkweed	Poison ivy	Wild onion
Chicory	Healall	Poison oak	Wild strawberry
Cinquefoil	Henbit	Prostrate knotweed	Wild violet
Clover	Innocence (Blue-eyed Mary)	(*knotweed)	Yarrow
Compassplant	Lambsquarters	Puncturevine	Yellow rocket
Curly dock	Lawn burweed	Purple cudweed	
Dandelion	Lespedeza, common	Purslane	
Dayflower		Ragweed	
Deadnettle		Redweed	
Dock		Red sorrel (*sheep sorrel)	
*Synonyms			

STORAGE & DISPOSAL

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

PESTICIDE STORAGE: Store in original container in a locked storage area inaccessible to children or pets. Keep from freezing.

~~CONTAINER DISPOSAL: If empty: Do not reuse this container. Place in trash or offer for recycling if available. If partially filled: Call your local solid waste agency or toll free number (800-XXX-XXXX) for disposal instructions. Never place unused product down any indoor or outdoor drain.~~

PESTICIDE DISPOSAL AND CONTAINER HANDLING: Nonrefillable container. Do not reuse or refill this container. **If empty:** Place in trash or offer for recycling if available. **If partly filled:** Call your local solid waste agency or www.website.com for disposal instructions. Never place unused product down any indoor or outdoor drain.

LIMITED WARRANTY AND DISCLAIMER

The manufacturer warrants only that the chemical composition of this product conforms to the ingredient statement given on the label, and that the product is reasonably suited for the labeled use when applied according to the Directions for Use.

THE MANUFACTURER NEITHER MAKES NOR INTENDS ANY OTHER EXPRESS OR IMPLIED WARRANTIES, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, WHICH ARE EXPRESSLY DISCLAIMED. This limited warranty does not extend to the use of the product inconsistent with label instructions, warnings or cautions, or to use of the product under abnormal conditions such as drought, excessive rainfall, tornadoes, hurricanes, etc. These factors are beyond the control of the manufacturer or the seller. Any damages arising from a breach of the manufacturer's warranty shall be limited to direct damages, and shall not include indirect or consequential damages such as loss of profits or values, except as otherwise provided by law. The terms of this Limited Warranty and Disclaimer cannot be varied by any written or verbal statements or agreements. No employee or agent of the seller is authorized to vary or exceed the terms of this Limited Warranty and Disclaimer in any manner.

APPENDIX

1. Statements which may appear on different label components depending on packaging configuration.

- See next panel for additional Precautionary Statements and First Aid
- Net Contents: _____
- EPA Est. No. _____

2. Advertising claims appropriate for the bag size:

- Rainfast in as little as 3 hours
- Rainfast [Rainproof] in 3 hours
- Visible results in just 24 hours
- Clover control in as little as one week
- Proven cool-weather performance
- Consistently fast control on tough weeds like clover, plantain, ground ivy and spurge [various other listed weeds].
- [This product] Smokes weeds, fast
- From the makers of Trimec® herbicides.

- For information call XXX-XXX-XXXX [contact www.xxx-xxxx.com]

DOCUMENT CONTROL INFORMATION

1. **Unique Label Identifier:** 002217-00855.20090715.notif-proposed.doc
2. **Reason for Issue:** PRN 2007-4, PRN 2008-1