

2217-938

1/3/2013

1/15



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

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

James L. Kunstman, Ph.D.  
PBI/Gordon Corporation  
1217 West 12<sup>th</sup> Street  
P.O. Box 014090  
Kansas City, Missouri 64101

JAN 03 2013

Subject: Product Name: EH-1479 Herbicide  
EPA Reg. No. 2217-938  
Label Notification per PRN 98-10  
Application Dated: July 2, 2012

Dear Dr. Kunstman,

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 for EH-1479 Herbicide (EPA Reg. No. 2217-938) dated July 2, 2012. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested falls within the scope of PRN 98-10. The label submitted with the application has been stamped "Notification" and will be placed in our records.

If you have any questions, please contact Emily Hartman of my staff at (703) 347-0189 or [hartman.emily@epa.gov](mailto:hartman.emily@epa.gov).

Sincerely,

Kathryn V. Montague, Project Manager  
Herbicide Division  
Registration Division  
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 <p style="text-align: center;"><b>2217-938</b></p>	2. EPA Product Manager <p style="text-align: center;"><b>Kathryn V. Montague</b></p>	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) <p style="text-align: center;"><b>EH-1479 Herbicide</b></p>	PM# Product Manager—Team 23	
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. <b>Expedited Review.</b> In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ <b>NOTIFICATION</b> Product Name _____ <b>JAN 03 2013</b>	

**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.
--	---

Explanation: Use additional page(s) if necessary. (For section I and Section II.) e-mail to [jkunstman@pbigordon.com](mailto:jkunstman@pbigordon.com) FAX: 816-421-2731

**Labeling notification per PRN 98-10:**

Correct a typographical error in First Aid Section, refer to page 2 of proposed label.  
 Add Ad Claims, refer to pages 10 and 11 of proposed label.

**Section - III**

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes* <input checked="" 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	<input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input checked="" 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 1 pint, 1 quart, 2 quarts, 1 gallon		5. Location of Label Directions <input checked="" type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input checked="" 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 2, 2012		

3/15



1217 WEST 12<sup>th</sup> STREET  
P.O. BOX 014090  
KANSAS CITY, MISSOURI 64101-0090  
816-421-4070 · 1-800-821-7925  
FAX: 816-474-0462

July 2, 2012

Document Processing Desk (NOTIF)  
Office of Pesticide Programs (7504P)  
U.S. Environmental Protection Agency  
Room S-4900, One Potomac Yard (South Building)  
2777 South Crystal Drive  
Arlington, VA 22202-4501  
Attn: Kathryn V. Montague, PM-23

Dear Ms Montague:

**NOTIFICATION: Labeling notification per PRN 98-10: EH-1479 Herbicide (EPA reg No. 2217-938)**

**I. Labeling notification per PRN 98-10, Sec II (N)**

- 1. We ask to correct a typographical error in the First Aid Statement, refer to page 2 of the proposed label.
- 2. We ask to add ad claims, refer to pages 10 and 11 of proposed label.

One (1) copy of the proposed labeling is enclosed for your review.

**II. Certification 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:**

- 1. Application for Pesticide Amendment (EPA Form 8570-1)
- 2. One (1) copy the draft labeling with annotations.
- 3. One (1) copy of the draft labeling without annotations.
- 4. One (1) disc containing electronic copies of the draft labeling.

If you have any questions, please call me at 816-460-6292 or contact me at [jkunstman@pbigordon.com](mailto:jkunstman@pbigordon.com).

Sincerely,

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

cccccc  
c c c c  
c c c  
cccccc  
c c c  
cccccc  
c c c  
cccccc  
c c c  
cccccc  
c c c  
cccccc

4/15

# EH-1479 HERBICIDE

NOTIFICATION

JAN 03 2013

## EPA Reg. No. 2217-938

### ACTIVE INGREDIENT:

2,4-D, dimethylamine salt [CAS No. 2008-39-1] .....	6.33%
Quinclorac [CAS No. 84087-01-4] .....	2.10%
Dicamba, dimethylamine salt [CAS No. 2300-66-5] .....	0.60%
Dithiopyr [CAS No. 97886-45-8] .....	0.86%
INERT INGREDIENTS: .....	90.11%
TOTAL .....	100.00%

### THIS PRODUCT CONTAINS:

- 0.457 lb 2,4-dichlorophenoxyacetic acid equivalent per gallon or 5.26%
  - 0.182 lb 3,7-dichloro-8-quinolinecarboxylic acid per gallon or 2.10%
  - 0.043 lb 3,6-dichloro-o-anisic acid equivalent per gallon or 0.50%
  - 0.075 lb S,S-dimethyl -2-(difluoromethyl)-4-(2-methylpropyl)-6-(trifluoromethyl)-3,5-pyridinedicarbothioate per gallon or 0.86%
- Isomer Specific By AOAC Methods.

Note: If the design, format, or small size of the container labels makes it impractical to present the entire ingredient statement on the front panel, then add a referral statement and present this substatement on the back panel: **"See back panel for substatement of ingredient statement"**.

## KEEP OUT OF REACH OF CHILDREN

## CAUTION

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

## PRECAUTIONARY STATEMENTS

### **Hazards to Humans and Domestic Animals**

**CAUTION:** Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Harmful if swallowed. Wear long-sleeved shirt, long pants, socks, shoes, and rubber gloves.

### **User Safety Recommendations**

- Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. If pesticide gets on skin, wash immediately with soap and water.
- Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

5/15

<b>First Aid Statements</b>	
<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. 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 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:</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>
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.	

### Environmental Hazards


This pesticide is toxic to fish and aquatic invertebrates. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. To protect the environment, do not allow pesticide to enter or run off 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.

### 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.
-  Optional Icon] Do not allow people or pets to enter the treated area until sprays have dried.

### SHAKE WELL BEFORE USING

#### PRODUCT FACTS:

**What It Does:** Kills major broadleaf and troublesome grass weeds including dandelion, chickweed and clover as well as crabgrass and foxtail. It will also act as a preemergent herbicide to prevent crabgrass and other susceptible weeds from germinating. (See inside for complete list)

**Where to Use:** Lawns: Kills the weeds not the lawn when used as directed. (icon weeds)

**When to Use:** Apply when daytime temperatures are below 90°F.

**Questions & Comments:** (icon phone) (icon computer)  
Call 1-800-xxx-xxxx or Visit our Website at [www.companyname.com](http://www.companyname.com)

6/15

**HOW IT WORKS:**

EH-1479 Herbicide contains four proven weed killers that target lawn weeds and crabgrass. This herbicide enters the lawn weeds through their leaves and moves throughout the plant to provide control. It will also form a barrier in the soil to prevent crabgrass and other susceptible weeds from germinating. And lawns listed on this label will not be harmed when used as directed.

**WHERE TO USE:**

EH-1479 Herbicide can be applied to residential lawns with the following turfgrass species:

Lawns To Be Treated:	
Cool Season Turfgrass	Warm Season Turfgrass
Kentucky bluegrass Ryegrass, perennial and annual Tall fescue Mixtures of cool season grasses containing fine fescues (red, hard and chewings)	Bermudagrass <sup>1</sup> , common and hybrid Zoysiagrass Buffalograss
<sup>1</sup> Application to bermudagrass may cause temporary yellowing or discoloration but full recovery can be expected. Do not apply to bermudagrass when daytime temperatures exceed 85° F.	

DO NOT apply EH-1479 Herbicide to the following:
Bahiagrass Bentgrass, colonial and creeping Carpetgrass Centipedegrass Dichondra Gardens including vegetables, fruit trees, vines and berries Ornamental plants (flowers, trees, groundcovers, landscape beds and shrubs) Seashore paspalum St. Augustinegrass Turfgrass species that are not listed on this label. State Restrictions: This product is not intended to be distributed, sold, or used in New York State.

**GRASS AND BROADLEAF WEEDS CONTROLLED:**

A partial list is presented below:

GRASS WEEDS			
Barnyardgrass Bluegrass, annual Brome Crabgrass, large and smooth	Crowfootgrass Dallisgrass Foxtail, green, yellow and giant Goosegrass	Kikuyugrass Ryegrass, annual and perennial	Sandbur Signalgrass, broadleaf Smartgrass

BROADLEAF WEEDS			
Annual yellow sweetclover Aster Austrian fieldcress Bedstraw Beggarticks Betony, Florida Bindweed, field Bird vetch Bitter wintercress Bittercress, hairy Bitterweed Black-eyed Susan Black medic Black mustard Blackseed plantain Blessed thistle	Cocklebur Common mullein Creeping Jenny (Creeping Charlie) Cudweed Curly dock Daisy, English Daisy fleabane Daisy, oxeye Dandelion Dichondra Dogbane Dogfennel Dollarweed Elderberry False dandelion	Mugwort Musk thistle Mustard Narrowleaf plantain Mustard Narrowleaf vetch Nettle Orange hawkweed Oriental cocklebur Oxalis Parsley-piert Parsnip Pearlwort Pennycress Peppergrass Pepperweed	Speedwell Spiny amaranth Spiny cocklebur Spiny sowthistle Spotted catsear Spotted spurge Spurweed Stinging nettle Strawberry, India mock Tall nettle Tall vervain Tansy ragwort Tansy mustard Tanweed Thistle Trailing crownvetch

7/15

**BROADLEAF WEEDS**

Bloodflower milkweed	Falseflax	Pigweed	Tumble mustard
Blue lettuce	False sunflower	Pineapple weed	Tumble pigweed
Blue vervain	Fiddleneck	Pineywoods bedstraw	Velvetleaf
Bracted plantain	Florida pusley	Plains coreopsis (tickseed)	Venice mallow
Brassbuttons	Frenchweed	Plantain	Virginia buttonweed
Bristly oxtongue	Galinsoga	Poison ivy	Virginia creeper
Broadleaf dock	Geranium	Poison oak	Virginia pepperweed
Broadleaf plantain	Goathead	Pokeweed	Wavyleaf bullthistle
Broomweed	Goldenrod	Poorjoe	Western clematis
Buckhorn	Ground ivy	Prairie sunflower	Western salsify
Buckhorn plantain	Gumweed	Prickly lettuce	White mustard
Bulbous buttercup	Hairy fleabane	Prickly sida	Wild aster
Bull thistle	Hawkweed	Prostrate knotweed	Wild buckwheat
Bullnettle	Healall	Prostrate pigweed	Wild carrot
Burclover	Heartleaf drymary	Prostrate spurge	Wild four-o'clock
Burdock	Heathaster	Prostrate vervain	Wild garlic
Burning nettle	Hedge bindweed	Puncturevine	Wild geranium
Burweed	Hedge mustard	Purslane, common	Wild lettuce
Buttercup	Hemp	Ragweed	Wild marigold
Buttonweed	Henbit	Red sorrel	Wild mustard
Canada thistle	Hoary cress	Redroot pigweed	Wild onion
Carolina geranium	Hoary plantain	Redstem filaree	Wild parsnip
Carpetweed	Hoary vervain	Rough cinquefoil	Wild radish
Catchweed bedstraw	Horsenettle	Rough fleabane	Wild rape
Catnip	Jimsonweed	Russian pigweed	Wild strawberry
Catsear	Knawel	Russian thistle	Wild sweet potato
Chickweed, common	Knotweed	Scarlet pimpernel	Wild vetch
Chickweed, mouseear	Kochia	Scotch thistle	Wild violet
Chicory	Lambsquarters	Sheep sorrel	Woodsorrel
Cinquefoil	Lespedeza	Shepherdspurse	Woolly croton
Clover, crimson	Mallow	Slender plantain	Woolly morningglory
Clover, hop	Marestail	Smallflower galinsoga	Woolly plantain
Clover, red	Matchweed	Smooth dock	Wormseed
Clover, strawberry	Mexicanweed	Smooth pigweed	Yarrow
Clover, sweet	Milk vetch	Sorrel	Yellow rocket
Clover, white	Morningglory	Sowthistle	Yellowflower pepperweed
Cockle	Mouseear hawkweed	Spanishneedles	and other broadleaf weeds

**WHEN TO USE:**

Apply this product when weeds are small and actively growing.

Weed species	Season	Timing	Maximum number of broadcast applications <sup>1</sup>	Application interval, days	Comments
Crabgrass (large and smooth):	Spring (Pre Emergent)	This product may be applied 1 to 2 weeks before the expected germination of crabgrass.	2	14	When used as a pre emergent this product will prevent crabgrass seeds from germinating and will control existing crabgrass plants.
Crabgrass (large and smooth):	Spring (Post Emergent)	From crabgrass emergence until the crabgrass is 3 to 4 inches in height	2	14	When used as a post emergent this product will control existing crabgrass and prevent crabgrass seeds from germinating.

Weed species	Season	Timing	Maximum number of broadcast applications <sup>1</sup>	Application interval, days	Comments
Foxtail (green, giant and yellow):	Spring and early summer	During the early growth stages or when foxtail is 1 to 4 inches in height.	2	14	Re-treat at the same rate at 14 days later for dense populations.
Broadleaf signalgrass	Spring and early summer	During the early growth stages or during the 3 to 7 leaf stage.	2	14	Re-treat at the same rate at 14 days later if needed.
Dandelion, plantain, buttercup, speedwell, knotweed and other listed broadleaf weeds	Spring	When broadleaf weeds are small and actively growing.	2	14 to 28	Apply when broadleaf weeds are young and actively growing with adequate soil moisture. If needed, retreat at the same rate 14 to 28 days later.
Henbit, chickweed, white clover, ground ivy, lawn burweed and other listed broadleaf weeds	Fall	When broadleaf weeds are young and actively growing	2	14 to 28	Apply when broadleaf weeds are young and actively growing with adequate soil moisture. If needed, retreat at the same rate 14 to 28 days later.

<sup>1</sup> The maximum application rate is 6.4 fl.oz. of product per 1,000 sq.ft. per application (1.0 lb 2,4-D ae, 0.40 lb quinclorac, 0.09 lb dicamba ae, and 0.16 lb dithiopyr per acre per application). The maximum number of broadcast applications is limited to 2 per year. Do not apply more than 2 broadcast applications per year. The maximum seasonal rate is 12.8 fl.oz. of product per 1,000 sq.ft. (2.0 lb 2,4-D ae, 0.80 lb quinclorac, 0.18 lb dicamba ae, and 0.32 dithiopyr per acre per year).

**HOW MUCH TO USE:**

**I. ENTIRE LAWN TREATMENTS WITH DIAL TYPE HOSE-END SPRAYERS**

Three Easy Steps To Mix And Apply:

**1. FILL**

- Determine (Measure) the total lawn area to be sprayed. For rectangular areas, multiply the length by the width to obtain total square feet.
- The application rate for this product is 6.4 fl.oz. of product per 1,000 sq.ft. of lawn. Add an adequate amount of herbicide to the spray bottle to treat the total lawn area, or add 6.4 fl.oz. of product for every 1,000 sq.ft. of lawn area. Over-application or rates above those recommended on this label can cause turf injury.
- Do not add water to the sprayer jar.

**2. SET THE DIAL**

For hose-end sprayers: Set the dial to the rate per gallon and keep the dial set to this setting while spraying. The dial setting or rate per gallon for this product is 2.5 oz. of product per gallon of water.

Types of hose-end sprayers	Dial setting
Ortho® Dial'N Spray® Hose-End Sprayer	2.5 oz.
Hudson® Hose End Liquid Concentrate Sprayer	2.5 fl.oz.
Gilmour® Dial-A-Mix® Lawn and Garden Sprayer	15 Teaspoons or 5 tablespoons

**3. SPRAY** - Apply evenly over the lawn. Avoid skips and excess overlaps during application:



9/15

## II. ENTIRE LAWN TREATMENTS WITH READY-TO-USE HOSE-END SPRAYERS :

This product may be packaged as a ready-to-use product with no mixing. The retail plastic container is fitted with a sprayer body that delivers spray droplets at a fixed rate.

### For READY-TO-USE Hose End Sprayers:

- This retail sprayer bottle will cover the treated areas described below when this product is applied at 6.4 fl.oz. of product per 1,000 sq.ft. Over-application or rates above those recommended on this label can cause turf injury.

Approximate treated areas for four retail container sizes:

Species	Amount of product to treat approximate area, sq. ft.				
	fl.oz./1,000 sq.ft.	1.0 pt. (16 fl.oz.) sprayer jar or retail container	1.0 qt. (32 fl.oz.) sprayer jar or retail container	2.0 qt. (64 fl.oz.) retail container	1 gallon (128 fl.oz.) retail container
Kentucky bluegrass Ryegrass, perennial and annual Tall fescue Mixtures of cool season species Bermudagrass <sup>1</sup> common and hybrid Zoysiagrass and Buffalograss <sup>2</sup>	6.4 fl.oz. /1,000 sq.ft.	2,500 sq.ft.	5,000 sq.ft.	10,000 sq.ft.	20,000 sq.ft.

<sup>1</sup> Application to bermudagrass may cause temporary yellowing or discoloration but full recovery can be expected. Do not apply to bermudagrass when daytime temperatures exceed 85°F. Do not apply to Tifgreen (328) hybrid Bermudagrass as it may cause undesirable turf injury.

<sup>2</sup> Do not use on seedling buffalograss during the spring months of the initial year of establishment until the turf is achieved full green up and has an healthy root system.

### Instructions:

- Determine (Measure) the total lawn area to be sprayed. For rectangular areas, multiply the length by the width to obtain total square feet.
- **CONNECT:** Remove bottle cap and screw the spray nozzle onto the bottle. Attach [connect] garden hose to spray nozzle. Turn [rotate] the spray nozzle lever to the "OFF" position.
- **SPRAY:** Turn on water at faucet. Extend hose to the farthest area of lawn [turf] to be treated. To begin spraying, turn [rotate] the spray nozzle lever to the "SPRAY" position. The herbicide mixes automatically with the water. Walk at a steady pace while spraying evenly and working towards the faucet.

Refer to view strip [graduated scale] on side of container to guide coverage. This xx fl.oz. container will treat up to xxx sq.ft. of turfgrass.

- **FINISH:** To stop spraying, turn [rotate] spray nozzle lever to the "OFF" position. Turn off water at faucet. To relieve pressure, turn [rotate] spray nozzle to the "ON" position and point sprayer away from any desirable plants before disconnecting the sprayer nozzle from the garden hose.

## III. HAND-OPERATED SPRAYERS:

### For hand-operated sprayers (backpack, knapsack, tank-type or pump-up):

- Apply to actively growing grass and broadleaf weeds during the early growth stages.
- Measure and mix the proper amount of product with water as described below. Mix 2.5 fl.oz. of product with 1 gallon of water to treat 400 sq.ft. of lawn. See below for additional spray preparations
- Spray evenly over the lawn. Spray coverage should be uniform and complete. Over-application or rates above those recommended on this label can cause turf injury.

10/15

Amount of Product to Use, Fluid Ounces	Amount of Water in Sprayer, Gallons	Approximate Treated Area, Square feet
2.5 fl.oz.	1 gallon	400 sq.ft.
3.75 fl.oz.	1.5 gallons	600 sq.ft.
5.0 fl.oz.	2 gallons	800 sq.ft.
7.5 fl.oz.	3 gallons	1,200 sq.ft.

Equal measures: 2.5 fl.oz. = 5 Tablespoons. 1 cup = 8 fl.oz. = 1/2 pint.

OR

Measure indicated amount of product and pour into tank. Dilute with water according to the following chart. Adjust the nozzle to deliver coarse spray droplets and treat the area indicated.

Amount of Product to Use, Fluid Ounces	Amount of Water in Sprayer, Gallons	Area To Treat, Square feet
2.5 fl.oz.	1 gallon	400 sq.ft.
5 fl. fl.oz.	2 gallons	800 sq.ft.
7.5 fl.oz.	3 gallons	1,200 sq.ft.

Equal measures: 2.5 fl.oz. = 5 Tablespoons. 1 cup = 8 fl.oz. = 1/2 pint.

**IV. ENTIRE LAWN TREATMENTS WITH THE ORTHO READY-SPRAY® SYSTEM:  
HOW TO USE THE READY-SPRAY® SYSTEM**

**Connect:**

1. Shake well before using.
2. Connect sprayer to hose.
3. Turn on water.
4. Extend hose to farthest area of the lawn to be treated

**Spray:**

1. To begin spraying, point nozzle in the direction you want to spray.
2. Bend small plastic tab back and turn knob clockwise to ON position.
3. Spray evenly over measured area.

**Finish:**

1. To STOP spraying, rotate the knob counterclockwise to the OFF position.
2. Turn off water.
3. Relieve water pressure by bending plastic tab back and turning knob to ON position until water slows to a drip. Then, turn knob back to OFF position.
4. Disconnect sprayer from hose.

**V. FOR TANK SPRAYER:**

- Add 2.5 fl.oz. per gallon of water for each 400 sq.ft.

For broadcast application: Ortho Dial 'N Spray® Applicator

1. Add 16 fl.oz. of concentrate directly into sprayer jar. DO NOT ADD WATER.
2. Set dial to 2.5 oz.
3. Spray evenly over 2,500 sq.ft.
4. Any unused portion should be poured back into its original container.

[Over-application or rates above those recommended on this label can cause turf injury]

11/15

**VI. FOR [PRODUCT NAME]:**

**For (Use a) Tank Sprayer:**

- Add entire contents (of 1 bottle) (5 oz.) to an empty 2-gallon tank sprayer. Slowly fill with 2 gallons of clean tap water.
- **For Broadcast Application – Ortho® Dial 'N Spray® Applicator**
  1. Set dial to 2.5 oz.
  2. Add entire contents of 1 bottle (5 oz) directly into sprayer jar. **DO NOT ADD WATER.**
  3. Spray evenly over 800 sq.ft.

[Over-application or rates above those recommended on this label can cause turf injury]

<b>CULTURAL TIPS AND NOTES:</b>		
<b>When to Apply:</b>	<ul style="list-style-type: none"> <li>• For established lawns</li> <li>• For newly seeded areas</li> <li>• For newly sodded, sprigged, or plugged areas</li> </ul>	<ol style="list-style-type: none"> <li>1. Apply when daytime temperatures are below 90°F.</li> <li>2. Apply this product to newly seeded grasses when well-established (approximately 6 weeks after seedling emergence) or after the third mowing.</li> <li>3. Apply this product 3 to 4 weeks after the sodding, sprigging, or plugging operations.</li> </ol>
<b>Reseeding, Overseeding, or Sprigging :</b>		<ul style="list-style-type: none"> <li>• Reseeding, overseeding, or sprigging of treated areas within 3 months after application of this product, may inhibit the establishment of desirable turfgrasses.</li> </ul>
<b>Irrigation:</b>	<p><b>Non-stressed turfgrass</b></p> <p><b>Stress from high temperatures, drought, insects or diseases.</b></p>	<ul style="list-style-type: none"> <li>• <b>Preemergence:</b> Adequate soil moisture and favorable growing conditions enhance the performance of this product. <b>This product is effective for crabgrass control when activated by 0.5 inch of rainfall or irrigation.</b></li> <li>• <b>Postemergence:</b> Avoid applications of this product when turfgrasses are under stress since injury may result. If dry conditions exist, schedule irrigations (watering) before and after the application. For best results, delay the irrigation until approximately 24 hours after application of this product.</li> </ul>
<b>Mowing:</b>		<ul style="list-style-type: none"> <li>• Delay mowing 2 days before and until 2 days after the application of this product.</li> <li>• Do not use clippings from the treated areas as mulch or compost around flowers, ornamentals, trees, or in vegetable gardens.</li> </ul>
<b>Nontarget plants:</b>		<ul style="list-style-type: none"> <li>• Do not apply this product to food crops (gardens, fruits and vegetables), forage crops, or ornamental plants including flowers, trees, shrubs, hedges, woody ornamentals, groundcovers established in landscape plantings and other nontarget plants.</li> <li>• Do not spray exposed roots of ornamentals and trees.</li> </ul>

**STORAGE AND DISPOSAL**

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

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

**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 for disposal instructions. Never place unused product down any indoor or outdoor drain.

**LIMITED WARRANTY AND DISCLAIMER**

FOR USE ONLY AS DIRECTED. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE MANUFACTURER NEITHER MAKES NOR INTENDS ANY EXPRESS OR IMPLIED WARRANTIES,

12/15

INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, WHICH ARE HEREBY EXPRESSLY DISCLAIMED. IN NO CASE SHALL THE MANUFACTURER BE LIABLE FOR INCIDENTAL, CONSEQUENTIAL, OR SPECIAL DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT. If these terms are not acceptable, return this product unopened immediately to the point of purchase, and the purchase price will be refunded in full. The terms of this Limited Warranty and Disclaimer cannot be varied by any written or verbal statements or agreements at the point of sale or elsewhere.

[OPTIONAL WARRANTY STATEMENT]

The ORTHO Guarantee

If for any reason you are not satisfied with this product, mail us proof of purchase to obtain a full refund of your purchase price.

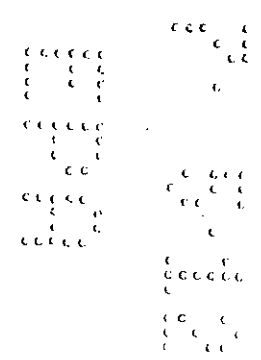
## APPENDIX

### 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 that may be presented on the retail containers of supplemental registrants.

- One quart covers up to 5,000 square feet.
- 1 quart treats [up to] 5,000 sq.ft.
- Covers [XXXX] sq.ft.
- Keep from freezing.
- Controls crabgrass, dandelion, chickweed, knotweed, henbit, plantain, clover, spurge and many other broadleaf lawn weeds including those shown on the side panel.
- Kills even the tough weeds...roots and all!
- Controls even the tough weeds...roots and all!
- Kills the root.
- Prevents crabgrass.
- Controls existing and crabgrass.
- Water based.
- Won't harm lawn grass when used according to label directions.
- Kills lawn weeds plus crabgrass.
- Kills [Controls] 200+ broadleaf weeds.
- Season-Long crabgrass control
- Kills the weeds not the lawn
- Attach to [garden] hose and spray
- Simple to use
- Easy to use
- Easy to mix
- Proven performance
- For home lawn care
- Won't harm lawn grass when used as directed.
- Controls (Number) weeds!
- Mixes with Water - Concentrate
- Kill crabgrass & [any listed weed(s)] too!

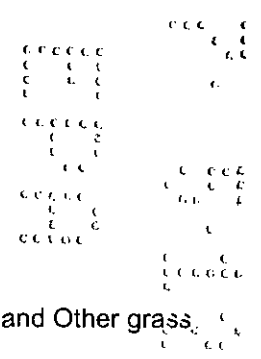


• **CONTROLS**

**SENSITIVE WEEDS:** Crabgrass, Bedstraw, Black Medic, Buckhorn, Chickweed, Clover, Dandelion, Knotweed, Lambsquarters, Peppergrass, Plantain, Purslane, Ragweed and Wild Lettuce.

**HARD-TO-KILL WEEDS:** Chicory, Creeping Charlie, Creeping Jenny, Dock, Ground Ivy, Heal-All, Lespedeza, Mallow, Morningglory, Oxalis, Pigweed, Poison Ivy, Poison Oak, Sheep Sorrel, Speedwell, Spurge, Wild Carrot, Wild Onion, Yarrow and other broadleaf weeds.

- Kills Lawn Weeds plus Crabgrass in One Step
- Kills Over 200 Lawn Weeds Plus Crabgrass in One Easy Step
- Kills Crabgrass plus Broadleaf Weeds
- Kills Listed Weeds
- Kills Hard-to-Control Weeds
- Systemic [Herbicide] [Activity]
- Kills Both Broadleaf and Grass Weeds
- [Also] Kills [Dandelion], [Crabgrass], [Clover], plus 200 Other [Listed] Weeds [As Listed]
- Four-in-One Product that Kills Crabgrass & Broadleaf Weeds
- Kills both Crabgrass & Broadleaf weeds
- Proprietary Formula that Kills Both Crabgrass and Broadleaf Weeds
- Effectively Kills Both Broadleaf and Certain Weed Grasses
- [XX] [Pint, Quart, etc] Treats Up To [YYYY] Sq.Ft.
- Local Solutions for Local Problems
- For more Lawn and Garden Products Visit [www.website.com]
- [2 'N 1] [2 in 1] Kills Existing Listed Weeds and Prevents New Weeds from Growing [Emerging]
- Kills Existing [Listed] Weeds
- Prevents New Weeds from Growing [Emerging]
- Eliminates listed lawn weeds -- one application does it all -- crabgrass, dandelion, clover, and [many] other listed weeds
- Eliminates [listed] lawn weeds
- One application does it all -- crabgrass, dandelion, clover, and [many] other listed weeds
- Dual Action -- Prevents and Kills Crabgrass and Listed Broadleaf Weeds
- One application, kills & prevents weeds all season long
- One application, kills & prevents crabgrass all season long
- [Creates] soil barrier [to] prevent[s] new weeds [from germinating]
- Prevents [Controls] Crabgrass for up to 5 months
- Kills and prevents tough weeds
- Scan to learn more [QR Code]



**For any of the ORTHO Products:**

- Makes more than XX Gallon!
- Kills Even Tough Weeds – Roots & All
- Lawn Weed & Crabgrass Killer
- Kills Dandelions, Clover, and Other Broadleaf Weeds! Plus Kills Crabgrass and Other grass Weeds!
- Kills the Toughest Weeds in these Lawns (any lawn listed on label)
- Open Resealable Label for Directions & Precautions (Press to Reseal)
- People or pets may reenter treatment area after spray has dried.
- Ready-Spray
- Do Not Use on St. Augustine Lawns
  - [PRODUCT NAME]
  - Kills Weeds, Not Lawns(TM)
  - For [Use on] Lawns

17/15

- ORTHO & Your Environment - Your yard is a place for your family and pets to enjoy. That's why ORTHO products are designed with care to provide effective solutions to weed problems. For best results please follow instructions for appropriate usage, storage and disposal.
- Kills Over 200 Lawn Weeds plus [including] Crabgrass [in one easy step].
- Guaranteed [Results]
- See Ortho.com for complete Spanish Translation.
- DO NOT use on St. Augustine, including Floratam species.
- NOTICE: Buyer assumes all risks of use, storage, or handling of this product not in accordance with directions
- Rainfast in 1 Hour
- Kills Major [Lawn] Broadleaf Weeds

**For [PRODUCT NAME]:**

- NET 5 FL.OZ.
- Pre-Measured Concentrate Bottles
- Treats 5,000 sq.ft.
- No Measuring, No Mess
- [PRODUCT NAME] makes using concentrates easier than ever. No more measuring and no more mess. Mix (contents) (each pre-measured bottle) with two gallons of water to deliver consistent results. And its' revolutionary formula won't harm your lawn - Guaranteed.
- Designed for tank sprayers
- 1 bottle makes 2 gallons

**Fertilizer Claims**

- What is [Product Name]?

Looking for a season's worth of green grass with just one fertilizer application? [Product name] is the answer. Featuring a unique controlled release lawn fertilizer used by professionals for almost 20 years, [Product name] gradually releases nutrients to your lawn when they are needed. This controlled release of nutrients helps you achieve a green, vigorous lawn for up to [XX] months. And because nutrients are released gradually throughout the growth cycle, there is less nutrient loss to the environment.

The key to the consistent, gradual release of [Product name] fertilizer is the exclusive coating that surrounds each fertilizer granule. Temperature controls the release rate, so there is no need to worry about your grass getting more fertilizer than it needs.

- How it works

(Illustrations of fertilizer prill in soil, releasing nutrients and decomposing in soil)

- Within a week of application, the coating allows soil moisture in, activating the enclosed nutrients.
- Throughout the season, the coating slowly releases dissolved nutrients through diffusion. This controlled-release is triggered by soil temperature, not irrigation or rainfall, which helps ensure your lawn grows at the proper rate.
- After all of the nutrients have been released, the coating decomposes naturally into the soil.

- Benefits of [Product name] Slow Release Fertilizer

- Takes the guesswork out of when to fertilize -- one application feeds for up to [XX] months -- no need for reminders on the calendar
- Feeds your lawn when it needs it- the unique coating releases the fertilizer as soil temperature rises- when your lawn is growing and needs food the most
- Releases Nutrients slowly over time -- your lawn is limited in the amount of nutrients it can absorb -- applying too much fertilizer in a short period increases the amount of fertilizer that can end up in our waterways

**3. Trademark acknowledgements**

- Ortho® Dial'N Spray® Hose-End Sprayer is a registered trademark of The ORTHO Group.
- Hudson® Hose End Liquid Concentrate Sprayer is a registered trademark of the H.D. Hudson Manufacturing Company.

15/15

- Gilmour® Dial-A -Mix® Lawn and Garden Sprayer is a registered trademark of the Gilmour Manufacturing Company.
- Trimec® is registered trademark of PBI/Gordon Corporation

## **DOCUMENT CONTROL INFORMATION**

- 1. Unique Label Identifier:** 002217-00938.20120702.notification-proposed-clean.doc
- 2. Reason for Issue:** First Aid typo correction, ad claims

