

2217898

3/22/2010

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

OFFICE OF  
PREVENTION, PESTICIDES  
AND TOXIC SUBSTANCES

James L. Kunstman  
PBI/Gordon Corporation  
P.O. Box 014090  
Kansas City, MO 64101

MAR 22 2010

Subject: Label Amendment (revisions per 11/10/09 reregistration notice)  
EH-1442 Herbicide  
EPA Reg. No. 2217-898  
Application Dated December 4, 2009

Dear Mr. Kunstman:

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable, provided you make the following changes:

1. On page 3 under Pesticide Disposal and Container Handling, either remove the phrase "or www.website.com" or revise by including an appropriate website listing.

NOTE: Should you wish to add/retain a reference to the company's website on your label, please be aware that the website becomes labeling under FIFRA and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

A stamped copy of your label is enclosed for your records. This label supercedes all previously accepted labels. You must submit one (1) copy of the final printed label before you release the product for shipment. Products released for shipment after eighteen (18) months from the date of this letter or the next printing of the label, whichever occurs first, must bear the new revised label. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA §6(e). Your release for shipment of the product constitutes acceptance of these conditions.

Sincerely,

Kathryn V. Montague  
Product Manager 23  
Herbicide Branch  
Registration Division (7505P)

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# EH-1442 HERBICIDE

## EPA Reg. No. 2217-898

Two sublabels represent the entire master label of EH-1442 Herbicide. Please refer to the appropriate section of the labeling as shown as follows:

<b>Section</b>
<b>Language Common to All Sublabels</b>
<b>Sublabel 1: Directions For Use will be intended for use by homeowners only on lawns and turfgrass in residential sites. This product will be marketed by PBI/Gordon Corporation.</b>
<b>Sublabel 2: Directions For Use will be intended for use by homeowners only on lawns and turfgrass in residential sites and marketed by supplemental registrants.</b>
<b>Appendix</b>
<b>Document Control Information</b>

**ACCEPTED**  
**with COMMENTS**  
**In EPA Letter Dated:**  
**MAR 22 2010**  
 Under the Federal Insecticide,  
 Fungicide, and Rodenticide Act  
 as amended, for the pesticide  
 registered under EPA Reg. No.  
2217-898

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Language Common to All Sublabels

EH-1442 HERBICIDE

EPA Reg. No. 2217-898

ACTIVE INGREDIENT:	
2,4-D, 2-ethylhexyl ester .....	7.31%
Mecoprop-p acid .....	1.85%
Dicamba acid .....	0.46%
Carfentrazone-ethyl .....	0.37%
OTHER INGREDIENTS: .....	90.01%
TOTAL .....	100.00%

THIS PRODUCT CONTAINS:  
 0.35 lb 2,4-dichlorophenoxyacetic acid equivalent per gallon or 4.85%.  
 Isomer Specific by AOAC Methods.  
 Contains petroleum distillates.

**ACCEPTED  
 with COMMENTS  
 In EPA Letter Dated:**

KEEP OUT OF REACH OF CHILDREN

CAUTION

MAR 22 2010  
 Under the Federal Insecticide,  
 Fungicide, and Rodenticide Act  
 as amended, for the pesticide  
 registered under EPA Reg. No.

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

2217-898

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION: Harmful if absorbed through skin or swallowed. Avoid contact with skin, eyes, or clothing. Wear long-sleeved shirt, long pants, shoes, socks, and chemical-resistant gloves made of either barrier laminate, butyl rubber, nitrile rubber, or viton. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

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

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<b>If on skin or on clothing:</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15 - 20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<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><b>NOTE TO PHYSICIAN:</b> Contains petroleum distillates - vomiting may cause aspiration pneumonia.</p>	

**Environmental Hazards**

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**

<p><b>STORAGE AND DISPOSAL</b> Do not contaminate water, food, or feed by storage and disposal.</p> <p><b>PESTICIDE STORAGE:</b> Store in original container in a locked storage area inaccessible to children or pets. Keep from freezing.</p> <p><b>PESTICIDE DISPOSAL AND CONTAINER HANDLING:</b> Nonrefillable container. Do not reuse or refill this container. <b>If empty:</b> Place in trash or offer for recycling if available. <b>If partly filled:</b> Call your local solid waste agency or <a href="http://www.website.com">www.website.com</a> for disposal instructions. Never place unused product down any indoor or outdoor drain.</p>
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**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, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, WHICH ARE HEREBY EXPRESSLY DISCLAIMED. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, 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.

**SUBLABEL 1**

**Directions For Use will be intended for use by homeowners only on lawns and turfgrass in residential sites. This product will be marketed by PBI/Gordon Corporation.**

**DIRECTIONS FOR USE**

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

Read entire label before using this product.

**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 enter or allow people or pets on 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:**

EH-1442 Herbicide 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).

**WHERE TO USE:**

EH-1442 Herbicide can be applied to residential lawns with the following turfgrass species:

Kentucky bluegrass	Common bermudagrass
Perennial ryegrass	Hybrid bermudagrass
Tall fescue	Bahiagrass
Red or fine leaf fescues	Buffalograss
Colonial bentgrass	Zoysiagrass
Mixtures of cool season species	St. Augustinegrass (except 'Floritam')
	Centipedegrass

**Turfgrass tolerance:**

When used as directed, EH-1442 Herbicide kills weeds without harming your lawn. Turfgrass species listed on this label have demonstrated tolerance to this product. EH-1442 Herbicide may injure certain turfgrass species, however when applied to diseased turf, in drought conditions or other extreme conditions. To reduce risk of lawn injury, avoid spraying drought stressed lawns or when temperatures are above 90°F.

St. Augustinegrass, centipedegrass and hybrid bermudagrass may vary in their tolerance to this product, and temporary turfgrass yellowing may occur. Use the lowest application rate listed on this labeling for St. Augustinegrass, centipedegrass and hybrid bermudagrass to minimize the potential injury symptoms. Do not apply this product to St. Augustinegrass during spring green-up which is the transition period between dormancy and active growth. Do not use this product on 'Floritam' St. Augustinegrass in Florida.

**A. 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.

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Use rates of EH-1442 Herbicide as a broadcast treatment are presented in Table 1.

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 specified on this label can cause turf injury.

<b>Table 1. Approximate treated areas of turfgrass when applying EH-1442 Herbicide with a ready-to-use hose-end sprayer.</b>			
<b>Species</b>	<b>Amount Of Product to Use</b>	<b>Treated area, sq.ft.</b>	
		<b>1.0 pt. (16 fl.oz.) sprayer jar or retail container</b>	<b>1.0 qt. (32 fl.oz.) sprayer jar or retail container</b>
Kentucky bluegrass, Perennial ryegrass, Tall fescue, Red or fine leaf fescues, Colonial bentgrass, Mixtures of cool season species Common bermudagrass, bahiagrass and zoysiagrass	3.0 fl.oz./1,000 sq.ft.	5,300 sq.ft	10,600 sq.ft
St. Augustinegrass (except 'Floritam') Centipedegrass and Hybrid bermudagrass	1.5 fl.oz./1,000 sq.ft.	10,600 sq.ft.	21,300 sq.ft.

**Instructions for a ready-to-use hose-end sprayer:**

- Determine (Measure) the total lawn area to be sprayed by multiplying the length by the width to obtain total square feet.
- **CONNECT:** Attach [connect] garden hose to spray nozzle. Turn the spray nozzle lever (valve) 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 (valve) to the "SPRAY" (ON) 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 [valve] to the "OFF" position. Turn off water at faucet. To relieve pressure, turn [rotate] spray nozzle to the "SPRAY" (ON) position and point sprayer away from any desirable plants before disconnecting the sprayer nozzle from the garden hose.

**B. Entire Lawn Treatments With DIAL TYPE HOSE-END SPRAYERS**

Three (3) Steps To Mix And Apply:

**1. FILL**

- Determine (Measure) the total lawn area to be sprayed by multiplying the length by the width to obtain total square feet.
- Add an adequate amount of herbicide to the spray bottle, as indicated on the following chart, to treat the total lawn area. Do not add water to the sprayer jar.

**2. SET THE DIAL**

Set the dial to the rate per gallon and keep the dial set to this setting while spraying. Dial settings or rates per gallon for this product are presented as follows:

Turfgrass	Application rate	Dial setting or rate per gallon
Kentucky bluegrass, Perennial ryegrass, Tall fescue, Red or fine leaf fescues, Colonial bentgrass, Mixtures of cool season species Common bermudagrass, bahiagrass and zoysiagrass	3.0 fl.oz./1,000 sq.ft.	1 oz. or 6 teaspoons or 2 Tablespoons
St. Augustinegrass (except 'Floritam') Centipedegrass and Hybrid bermudagrass	1.5 fl.oz./1,000 sq.ft.	3 teaspoons or 1 Tablespoon

**3. SPRAY**

Insert siphon tube into the base of the sprayer head, attach water hose to sprayer and apply evenly over the lawn. Over-application or rates above those specified on this label can cause turf injury.

**Limitations on broadcast applications to residential turfgrass**

The maximum application rate is 3.0 fl.oz. of product per 1,000 sq.ft. per application (0.36 lb 2,4-D ae, 0.14 lb MCP-p ae, and 0.04 lb dicamba ae per acre per application). The maximum number of broadcast applications is limited to 2 per year with a minimum of 30 days between applications. The maximum seasonal rate is 6.0 fl.oz. of product per 1,000 sq.ft. (0.73 lb 2,4-D ae, 0.28 lb MCP-p ae, and 0.07 lb dicamba ae per acre).

**C. SPOT TREATMENTS**

**HAND OPERATED, PUMP-UP SPRAYERS OR COMPRESSED AIR SPRAYERS:**

Mix an adequate amount of product with an appropriate amount of water as indicated on the following table for Spot Treatments to localized areas of weeds. Apply any time the emerged broadleaf weeds are susceptible. Spray the target weeds thoroughly and wet the entire leaf surface of the undesirable plants.

Turfgrass	Spray volume, gal of water	Amount of product	Area to be treated, sq.ft.
Kentucky bluegrass, Perennial ryegrass, Tall fescue, Red or fine leaf fescues, Colonial bentgrass, Mixtures of cool season species Common bermudagrass, bahiagrass and zoysiagrass	1 gallon 2 gallons 3 gallons	1.0 fl.oz. (2 Tbs) 2.0 fl.oz. (4 Tbs) 3.0 fl.oz. (6 Tbs)	330 sq.ft. 660 sq.ft. 1,000 sq.ft.
St. Augustinegrass (except 'Floritam') Centipedegrass and Hybrid bermudagrass	1 gallon 2 gallons 3 gallons	0.5 fl.oz. (1 Tbs) 1.0 fl.oz. (2 Tbs) 1.5 fl.oz. (3 Tbs)	330 sq.ft. 660 sq.ft. 1,000 sq.ft.

Equal measures: 1.0 fl.oz. = 2 tablespoons. 1 tablespoon (Tbs) = 3 teaspoons (tsp)

**Limitations on spot treatments:**

Spot treatment is defined as a treatment area no greater than 1,000 sq.ft. per acre. The maximum application rate is 3.0 fl.oz. per 1,000 sq.ft. per application (0.14 lb MCP-p acid equivalent per acre). The maximum number of spot treatments is limited to 2 per year with a minimum of 30 days between applications.

**BROADLEAF WEEDS CONTROLLED:**

EH-1442 Herbicide will control or suppress the following broadleaf weeds.

Amaranth, purple	Cupid shaving Brush	Mugwort	Speedwell, common
Amaranth, slender	Cudweed	Mustard, ball	Speedwell, corn
Aster, heath	Daisy, english	Mustard, black	Speedwell, ivyleaf
Aster, white heath	Daisy, oxeye	Mustard, blue	Speedwell, persian
Aster, purple	Dandelion, common	Mustard, hedge	Speedwell, purslane
Aster, white prairie	Dandelion, false	Mustard, indian,	Speedwell, slender
Artichoke	Day flower	Mustard, tansy	Speedwell, snow
Austrian fieldcress	Deadnettle	Mustard, tumble	Speedwell, thymeleaf
Bedstraw, Catchweed	Dichondra	Mustard, white	Spiny amaranth
Bedstraw, smooth	Dock, broadleaf	Mustard, wormseed	Spurge, spotted
Bedstraw, Northern	Dock, curly	Nettle, stinging (burning)	Spurge, prostrate
Bedstraw, pineywoods	Dogbane	Nettle, tall	Spurweed
Beggarticks, hairy	Dogfennel	Nettle, wood	Star of Bethlehem
Betony, Florida	Dollarweed	Parsley-piert	Strawberry, India mock
Bindweed, Field	(Pennywort)	Parsnip	Tansy ragwort
Bindweed, Hedge	Dove weed	Pearlwort	Tanweed
Bitter Wintercress	Elderberry	Pennycress (frenchweed)	Thistle, blessed
Bittercress, hairy	Falseflax	Pepperweed, perennial	Thistle, bull
Bitterweed	False sunflower	Pepperweed, virginia	Thistle, canada
Black-eyed Susan	Fiddleneck	(Peppergrass)	Thistle, flodman (prairie)
Black Medic	Filaree, redstem	Pigweed, prostate	Thistle, musk
Blood flower milkweed	Filaree, whitestem	Pigweed, redroot	Thistle, platte
Blue lettuce	Fleabane, daisy	Pigweed, russian	Thistle, plumeless
Brassbuttons	(annual)	Pigweed, smooth	Thistle, russian
Bristly oxtongue	Fleabane, rough	Pigweed, tumble	Thistle, scotch
Broomweed	Galinsoga, hairy	Pineapple weed	Thistle, wavyleaf
Buckhorn	Galinsoga, smallflower	Plains coreopsis (tickseed)	Thistle, yellow (horrible)
Bullnettle	Goldenrod	Plantain, blackseed	Trailing crownvetch
Burclover	Ground ivy	Plantain, bracted	Velvetleaf
Burdock	Groundsel	Plantain, broadleaf	Vervain, blue
Burweed, lawn (spurweed)	Gumweed	Plantain, buckhorn	Vervain, hoary
Buttercup, bulbous	Hairy fleabane	Plantain, hoary	Vervain, prostrate
Buttercup, creeping	Hawkweed, meadow	Plantain, narrowleaf	Vervain, tall
Buttonweed, common	Hawkweed, mouseear	Plantain, slender	Vetch, bird
(poorjoe)	Hawkweed, orange	Plantain, woolly	Vetch, hairy
Buttonweed, virginia	Hawkweed, yellow	Poison ivy	Vetch, milk
Carolina geranium (wild)	Healall	Poison oak	Vetch, narrowleaf
Carpetweed	Heartleaf drymary	Pokeweed	Vetch, wild
Catnip	Hemp	Prairie Sunflower	Virginia creeper
Catsear, spotted (false	Henbit	Prickly lettuce (compass plant)	Western clematis
dandelion)	Hoary cress	Prickly sida	Western salsify
Chamber bitter	Horsenettle	Prostrate knotweed	Wild aster
Chickweed, common	Horseweed	Puncturevine	Wild buckweat
Chickweed, mouseear	Jimsonweed	Purslane, common	Wild carrot
Chickweed, sticky	Johnny-Jumpup violet	Pusley, brazil	Wild four-o'clock
Chicory	Knawel	Pusley, florida	Wild garlic
Cinquefoil	Knotweed, prostrate	Pusley, large flower	Wild lettuce
Clover, crimson	Kochia	Ragweed, bur	Wild marigold
Clover, alyce	Lambsquarters	Ragweed, common	Wild mustard (yellow rocket)
Clover, hop	Lespedeza	Ragweed, lancleaf	Wild onion
Clover, rabbit foot	Mallow, alkali	Ragweed, western	Wild parsnip
Clover, red	Mallow, bristly	Redstem filaree	Wild radish
Clover, strawberry	Mallow, common	Rough cinquefoil	Wild rape
Clover, yellow sweet	Mallow, dwarf	Scarlet pimpernel	Wild strawberry
Clover, white sweet	Mallow, venice	Shepardspurge	Wild sweet potato
Clover, white	Marcela	Smartweed, ladythumb	Wild violet
Cockle	Matchweed	Smartweed, pale	Woodsorrel, creeping
Cocklebur	Mexicanweed	Smartweed, pennsylvania	Woodsorrel, violet
Cocklebur, oriental	Moneywort	Smooth chaff-flower	Woodsorrel, yellow (Oxalis)
Cocklebur, spiny	Morningglory, bigroot	Smoothdock	Woolly croton





**SUBLABEL 2**


**Directions For Use will be intended for use by homeowners only on lawns and turfgrass in residential sites and marketed by supplemental registrants.**

**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. Do not enter or allow people or pets on 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.

<b>PRODUCT FACTS:</b>	
<ul style="list-style-type: none"> <li>• Treats up to 5,300 square feet. Pint Size</li> <li>• Treats up to 10,600 square feet. Quart Size</li> <li>• Treats up to 42,600 square feet. Gallon Size</li> </ul>	
<b>KILLS WEEDS:</b>	Dandelion, Clover, Chickweed plus over xxx additional broadleaf weeds
<b>WHERE TO USE:</b>	On Lawns
<b>AMOUNT TO USE:</b>	For Bentgrass, hybrid bermudagrass and buffalograss St. Augustinegrass (except 'Floritam') and centipedegrass Use: 1.5 fluid ounce (3 Tablespoons) / gallon of water / 1,000 square feet
	For Kentucky bluegrass, fescues, perennial ryegrass, bahiagrass, common bermudagrass and zoysiagrass: Use: 3 fluid ounces (6 Tablespoons) / gallon of water / 1,000 square feet
	Questions, Comments or Medical Information? Call: 1-800-xxx-xxxx • <a href="http://www.company.name.com">http://www.company.name.com</a>

**WHERE TO USE:**

EH-1442 Herbicide is intended for use on most ornamental lawns including Kentucky bluegrass, perennial ryegrass, fescues, common bermudagrass, hybrid bermudagrass, bahiagrass, bentgrass, buffalograss, centipedegrass, zoysiagrass, and St. Augustinegrass.

**FOR BEST RESULTS**

<b>WHEN TO APPLY</b>	<ul style="list-style-type: none"> <li>• Spray when air is calm to avoid spray drift onto landscape plants as contact with foliage may injure flowers, shrubs, trees, and other desirable plants.</li> <li>• Spray when:             <ul style="list-style-type: none"> <li>○ weeds are small and actively growing.</li> <li>○ temperature is below 90°F.</li> <li>○ air is calm to avoid spray drift onto landscape plants as contact with foliage may injure flowers, shrubs, trees, and other desirable plants.</li> </ul> </li> <li>• Reapplication can be made in 30 days if necessary.</li> <li>• Newly seeded lawn can be sprayed after first mowing.</li> </ul>
<b>Seeding:</b>	• Treated areas can be reseeded at 2 weeks after the application of this product.
<b>Irrigation:</b>	• Adequate soil moisture and favorable growing conditions enhance the performance of this product. If soil is dry, water 1 to 2 days before application. Rain or watering more than 1 hour after application should not reduce effectiveness.

<b>Mowing:</b>	<ul style="list-style-type: none"> <li>• Avoid mowing 1 to 2 days before and after the application of this product.</li> </ul>
<b>Nontarget plants:</b>	<ul style="list-style-type: none"> <li>• Do not apply this product to carpetgrass, dichondra, 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 use this product on 'Floritam' St. Augustinegrass, or lawns containing desirable clovers</li> <li>• Do not apply as a fine mist because of potential for injury to desirable plants.</li> <li>• Do not use this product on or near desirable plants, including within the drip line of the roots of desirable trees and shrubs, since injury may result.</li> <li>• 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 run-off, do not over water the treated area(s) to the point of runoff or apply when raining or when rain is expected that day. Rinse applicator over lawn area only.</li> </ul>

**HOW MUCH TO USE:**

**A. For Tank Sprayers**

Spot treat broadleaf weeds with this product as they appear. Repeat treatment for hard-to-control weeds in 30 days. Do not exceed specified dosages for any area.

**For St. Augustinegrass and centipedegrass, bentgrass, hybrid bermudagrass and buffalograss:**

- Mix 1/2 fluid ounce (1 Tablespoon.) of product per gallon of water to cover 300 square feet of lawn.
- Do not use on 'Floritam' St. Augustinegrass. Do not apply to St. Augustinegrass or centipedegrass emerging from winter dormancy. Temperatures below 45°F within 72 hours of application may cause damage.

**For Kentucky bluegrass, fescues, perennial ryegrass, bahiagrass, common bermudagrass and zoysiagrass:**

- Mix 1 fluid ounce (2 Tablespoons) of product per gallon of water to cover 300 square feet.

Equal measures: 1 Tablespoon (Tbs.) = 3 Teaspoons (tsp.) = 1/2 fluid ounce (fl.oz.)

**Limitations on spot treatments:**

Spot treatment is defined as a treatment area no greater than 1,000 sq.ft. per acre. The maximum application rate is 3.0 fl.oz. per 1,000 sq.ft. per application (0.14 lb MCPP-p acid equivalent per acre). The maximum number of spot treatments is limited to 2 per year with a minimum of 30 days between applications.

**B. For Ortho® Dial-N-Spray® hose-end sprayers**

**THREE EASY STEPS TO MIX AND APPLY**

1. Measure the lawn area to be sprayed. Calculate square feet by multiplying length by width.
2. Carefully mix the proper amount of concentrate with water. See below for directions for the Ortho® Dial-N-Spray® hose-end sprayer below
3. Spray evenly over the lawn.

**Narrative format:**

**For St. Augustinegrass, centipedegrass, bentgrass, hybrid bermudagrass and buffalograss:**

- Add 1.5 fl.oz. of product into sprayer jar for each 1,000 sq.ft. of lawn. Do not add water to jar. Set dial to 1 Tablespoon (Tbs) and spray.

**For Kentucky bluegrass, fescues, perennial ryegrass, bahiagrass, common bermudagrass and zoysiagrass:**

- Add 3 fl.oz. of product into sprayer jar for each 1,000 sq.ft. of lawn. Do not add water to the container jar. Set dial on 1 oz. and spray.

Equal Measures: 1 Tablespoons = 3 Teaspoons (tsp.) = 1/2 fl.oz.

**Tabular Format [optional]**

Lawn Grass	Sprayer Type	Product To Measure	Area to Treat	Comments
St. Augustinegrass* and centipedegrass Bentgrass, hybrid bermudagrass and buffalograss	Tank Sprayer	0.5 fl.oz. (1 Tbs.) into 1 gallon of water and spray.	300 sq.ft.	*Do not use on 'Floritam' St. Augustinegrass.
	Dial 'N Spray®	1.5 fl.oz. (3 Tbs.) into sprayer jar. DO NOT ADD WATER. Set dial on 1 tablespoon (Tbs.) and spray	1,000 sq.ft.	Do not apply to St. Augustinegrass and centipedegrass emerging from winter dormancy.
	Ortho Plant & Weed Sprayette®	1.5 fl.oz. (3 Tbs.) into sprayer jar. DO NOT ADD WATER. Set dial on 1 tablespoon (Tbs.) and spray	1,000 sq.ft.	Applying when temperatures below 45°F within 72 hours of application may cause damage
Kentucky bluegrass, fescues perennial ryegrass, Common bermudagrass, bahiagrass, and zoysiagrass	Tank Sprayer	1 fl.oz. (2 Tbs.) into 1 gallon of water and spray.	300 sq.ft.	
	Dial 'N Spray®	3 fl.oz. (6 Tbs.) into sprayer jar. DO NOT ADD WATER. Set dial on 1 oz. and spray.	1,000 sq.ft.	
	Ortho Plant & Weed Sprayette®	3 fl.oz. (6 Tbs.) into sprayer jar. Fill with water to the 5 gallon mark and spray.	1,000 sq.ft.	

Equal Measures: 1 Tablespoons = 3 Teaspoons (tsp.) = 0.5 fl.oz.

**Limitations on broadcast applications to residential turfgrass**

The maximum application rate is 3.0 fl.oz. of product per 1,000 sq.ft. per application (0.36 lb 2,4-D ae, 0.14 lb MCP-P ae, and 0.04 lb dicamba ae per acre per application). The maximum number of broadcast applications is limited to 2 per year with a minimum of 30 days between applications. The maximum seasonal rate is 6.0 fl.oz. of product per 1,000 sq.ft. (0.73 lb 2,4-D ae, 0.28 lb MCP-P ae, and 0.07 lb dicamba ae per acre).

**C. Ready-to-use hose-end sprayers  
THREE EASY STEPS TO MIX AND APPLY**

1. Measure the lawn area to be sprayed. Calculate square feet by multiplying length by width.
2. See below for directions for the ready-to-use hose-end sprayer below.
3. Spray evenly over the lawn.

**AMOUNT TO SPRAY**

Use the amount indicated for your type of lawn:

**St. Augustinegrass (except 'Floritam'), centipedegrass, bentgrass, hybrid bermudagrass and buffalograss:**

- (Quart size): This container covers approximately 21,300 square feet.
- (Pint Size) This container covers approximately 10,600 square feet

**Bahiagrass, bermudagrass, fescues, Kentucky bluegrass, perennial ryegrass and zoysiagrass:**

- (Quart size): This container covers approximately 10,600 square feet.
- (Pint size): This container covers approximately 5,300 square feet.

**Limitations on broadcast applications to residential turfgrass**

The maximum application rate is 3.0 fl.oz. of product per 1,000 sq.ft. per application (0.36 lb 2,4-D ae, 0.14 lb MCP-P ae, and 0.04 lb dicamba ae per acre per application). The maximum number of broadcast applications is limited to 2 per year with a minimum of 30 days between applications. The maximum seasonal rate is 6.0 fl.oz. of product per 1,000 sq.ft. (0.73 lb 2,4-D ae, 0.28 lb MCP-P ae, and 0.07 lb dicamba ae per acre).

**BROADLEAF WEEDS CONTROLLED:**

EH-1442 Herbicide will control or suppress the following broadleaf weeds.

Amaranth, purple	Cupid shaving Brush	Mugwort	Speedwell, common
Amaranth, slender	Cudweed	Mustard, ball	Speedwell, corn
Aster, heath	Daisy, english	Mustard, black	Speedwell, ivyleaf
Aster, white heath	Daisy, oxeye	Mustard, blue	Speedwell, persian
Aster, purple	Dandelion, common	Mustard, hedge	Speedwell, purslane
Aster, white prairie	Dandelion, false	Mustard, indian,	Speedwell, slender
Artichoke	Day flower	Mustard, tansy	Speedwell, snow
Austrian fieldcress	Deadnettle	Mustard, tumble	Speedwell, thymeleaf
Bedstraw, Catchweed	Dichondra	Mustard, white	Spiny amaranth
Bedstraw, smooth	Dock, broadleaf	Mustard, wormseed	Spurge, spotted
Bedstraw, Northern	Dock, curly	Nettle, stinging (burning)	Spurge, prostrate
Bedstraw, pineywoods	Dogbane	Nettle, tall	Spurweed
Beggarticks, hairy	Dogfennel	Nettle, wood	Star of Bethlehem
Betony, Florida	Dollarweed	Parsley-piert	Strawberry, India mock
Bindweed, Field	(Pennywort)	Parsnip	Tansy ragwort
Bindweed, Hedge	Dove weed	Pearlwort	Tanweed
Bitter Wintercress	Elderberry	Pennycress (frenchweed)	Thistle, blessed
Bittercress, hairy	Falseflax	Pepperweed, perennial	Thistle, bull
Bitterweed	False sunflower	Pepperweed, virginia	Thistle, canada
Black-eyed Susan	Fiddleneck	(Peppergrass)	Thistle, flodman (prairie)
Black Medic	Filaree, redstem	Pigweed, prostate	Thistle, musk
Blood flower milkweed	Filaree, whitestem	Pigweed, redroot	Thistle, platte
Blue lettuce	Fleabane, daisy	Pigweed, russian	Thistle, plumeless
Brassbuttons	(annual)	Pigweed, smooth	Thistle, russian
Bristly oxtongue	Fleabane, rough	Pigweed, tumble	Thistle, scotch
Broomweed	Galinsoga, hairy	Pineapple weed	Thistle, wavyleaf
Buckhorn	Galinsoga, smallflower	Plains coreopsis (tickseed)	Thistle, yellow (horrible)
Bullnettle	Goldenrod	Plantain, blackseed	Trailing crownvetch
Burclover	Ground ivy	Plantain, bracted	Velvetleaf
Burdock	Groundsel	Plantain, broadleaf	Vervain, blue
Burweed, lawn (spurweed)	Gumweed	Plantain, buckhorn	Vervain, hoary
Buttercup, bulbous	Hairy fleabane	Plantain, hoary	Vervain, prostrate
Buttercup, creeping	Hawkweed, meadow	Plantain, narrowleaf	Vervain, tall
Buttonweed, common	Hawkweed, mouseear	Plantain, slender	Vetch, bird
(poorjoe)	Hawkweed, orange	Plantain, woolly	Vetch, hairy
Buttonweed, virginia	Hawkweed, yellow	Poison ivy	Vetch, milk
Carolina geranium (wild)	Healall	Poison oak	Vetch, narrowleaf
Carpetweed	Heartleaf drymary	Pokeweed	Vetch, wild
Catnip	Hemp	Prairie Sunflower	Virginia creeper
Catsear, spotted (false	Henbit	Prickly lettuce (compass plant)	Western clematis
dandelion)	Hoary cress	Prickly sida	Western salsify
Chamber bitter	Horsenettle	Prostrate knotweed	Wild aster
Chickweed, common	Horseweed	Puncturevine	Wild buckweat
Chickweed, mouseear	Jimsonweed	Purslane, common	Wild carrot
Chickweed, sticky	Johnny-Jumpup violet	Pusley, brazil	Wild four-o-clock
Chicory	Knawel	Pusley, florida	Wild garlic
Cinquefoil	Knotweed, prostrate	Pusley, large flower	Wild lettuce
Clover, crimson	Kochia	Ragweed, bur	Wild marigold
Clover, alyce	Lambsquarters	Ragweed, common	Wild mustard (yellow rocket)
Clover, hop	Lespedeza	Ragweed, lancleaf	Wild onion
Clover, rabbit foot	Mallow, alkali	Ragweed, western	Wild parsnip
Clover, red	Mallow, bristly	Redstem filaree	Wild radish
Clover, strawberry	Mallow, common	Rough cinquefoil	Wild rape
Clover, yellow sweet	Mallow, dwarf	Scarlet pimpernel	Wild strawberry
Clover, white sweet	Mallow, venice	Shepardspurse	Wild sweet potato
Clover, white	Marcela	Smartweed, ladythumb	Wild violet
Cockle	Matchweed	Smartweed, pale	Woodsorrel, creeping
Cocklebur	Mexicanweed	Smartweed, pennsylvania	Woodsorrel, violet
Cocklebur, oriental	Moneywort	Smooth chaff-flower	Woodsorrel, yellow (Oxalis)

Cocklebur, spiny	Morningglory, bigroot	Smoothdock	Woolly croton
Common mullein	Morningglory, ivyleaf	Sorrel, red (sheep)	Wormseed
Corn Spurry	Morningglory, mexican	Sowthistle, annual	Yarrow, common
Creeping Beggarweed	Morningglory, red	Sowthistle, spiny	Yarrow, western
Creeping Jenny (creeping charlie)	Morningglory, tall	Spanish needles	Yarrow, yellow
	Morningglory, wolly	Speedwell, bi-lobed	

## **APPENDIX FOR ALL SUBLABELS**

### **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. \_\_\_\_\_

## **APPENDIX FOR SUBLABEL 1**

### **1. Advertising claims that may be presented on container labeling, advertisements, brochures, and other marketing/sales promotional materials:**

- Rainfast in as little as 1 hour
- Rainfast [Rainproof] in 1 hour
- 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](http://www.xxx-xxxx.com)]

#### **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.
- Kills the weeds, not the lawns
- For a beautiful [weed-free] lawn
- For a weed-free lawn
- Kills [controls] broadleaf weeds
- [See] Results in 24 hours
- Control you can see in 24 hours
- Use on northern and southern turf
- Use on northern turf
- Use on southern turf
- Guaranteed
- Won't harm your lawn [when used as directed]
- Kills the hard to control weeds
- Kills over 250 [tough] lawn weeds
- Kills the toughest [lawn] weeds
- Scientifically formulated for lawns
- Helps keeps lawn healthy [and weed free]
- Kills weeds, not lawns

- Overnight results
- Treats up to XXXXX sq. ft.
- Just attach to hose and spray
- Attach to hose and spray
- Tough on weeds, easy on lawns
- Easy to use
- Results overnight
- Use with dial type sprayers
- Use with dial N Spray [or tank sprayers]

**2. Trademark acknowledgements**

- TRIMEC® is a registered trademark of PBI/Gordon Corporation.
- Ortho® Dial'N Spray® Hose-End Sprayer is a registered trademark of The ORTHO Group

**APPENDIX FOR SUBLABEL 2**

**1. Advertising claims that may be presented on container labeling, advertisements, brochures, and other marketing/sales promotional materials:**

- Kills dandelion, chickweed, knotweed, plantain, henbit, spurge and many other broadleaf lawn weeds.
- Kills weeds - not lawn grasses.
- Kills weeds - not lawns.
- For lawns containing Kentucky bluegrass, fescues, bentgrass, perennial ryegrass, bermudagrass, bahiagrass, centipedegrass, zoysiagrass, St. Augustinegrass, and buffalograss.
- Can be applied with hose-end or pump-up (tank) sprayers.
- For northern and southern grasses.
- Won't harm lawn grasses when used as directed.
- Kills weeds in your lawn.
- Formulated for use on northern and sensitive southern lawns.
- Kills major broadleaf lawn weeds: List of the weed species.
- Helps provide a beautiful lawn.
- For cool and warm season lawn grasses.
- Kills major broadleaf lawn weeds including dandelion, chickweed, knotweed, in lawns.
- For use on grass lawns especially Kentucky bluegrass, fescues, perennial ryegrass, bentgrass, bermudagrass, bahiagrass, centipedegrass, zoysiagrass, St. Augustinegrass, and buffalograss.
- Can be used on St. Augustinegrass, bentgrass, and buffalograss.
- A Trimec® Turf Herbicide Formulation.
- Controls dandelion, chickweed, knotweed, plantain, henbit, spurge and many other broadleaf lawn weeds including those shown on the side panel.
- "One quart covers up to xxxx square feet (of southern turfgrass)" or "One pint covers up to xxxx square feet (of southern turfgrass)".
- Treats up to (Number) square feet.
- Kills over xxx broadleaf lawn weeds including dandelion and others.
- Makes up to (Number) gallons of spray.
- Kills major broadleaf weeds including dandelion, clover, oxalis, chickweed, knotweed plantain, henbit, spurge and others.
- Concentrate
- Rain-fast in 1 hour
- For control that doesn't/won't wash away/off.
- Effective even with rain in 1 hours.
- Kills major broadleaf lawn weeds including dandelion, clover, oxalis, chickweed, knotweed, plantain, henbit, spurge and many others.
- One easy step to a weed free lawn - Helps promote a beautiful lawn.
- Simple easy to use/one step application

- Simple and easy.
- Use (Brand Name) to kill broadleaf weeds in lawns including dandelion, clover, oxalis, chickweed, knotweed, plantain, henbit, spurge, and many others. Won't harm bahiagrass, bentgrass, bermudagrass, bluegrass, buffalograss, centipedegrass, fescues, rye or zoysiagrass. Can also be used on St. Augustinegrass except Floratam.
- 1 pint covers 5,300 to 10,600 sq.ft. (1 quart covers 10,600 to 21,300 sq.ft.) depending on lawn. See inside booklet for complete instructions.
- CONVENIENT
- ECONOMICAL - Use to cover small or large areas.
- 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 in hours and plant death can occur within 7 to 14 days.
- Kills the weeds, not the lawn.
- Kills broadleaf weeds
- See results in 24 hours.
- Won't harm your lawn when used as directed.
- Kills hard to control weeds.
- Kills over xxxx tough lawn weeds.
- Kills weeds, not lawns
- The performance leader
- Treats up to xxxx sq.ft.
- Tough on weeds, easy on lawns
- **Notice:** To the extent consistent with applicable law, buyer assumes all risks of use, storage or handling of this product not in accordance with directions.
- **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.

## **DOCUMENT CONTROL INFORMATION**

1. **Unique Label Identifier:** 002217-00898.20091204.notif-proposed-clean.doc
2. **Reason for Issue:** Incorporate EPA comments, PRN 2007-4