



U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs
Registration Division (7505P)
Ariel Rios Building
1200 Pennsylvania Ave., NW
Washington, D.C. 20460

EPA Reg. Number: 2217-898

Date of Issuance: OCT - 6 2006

NOTICE OF PESTICIDE:

X Registration
Reregistration
(under FIFRA, as amended)

Term of Issuance: conditional

Name of Pesticide Product: EH -1442 Herbicide

Name and Address of Registrant (include ZIP Code):
PBI/Gordon Corporation
P.O. Box 014090
Kansas City, Missouri 64101

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act. Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) and (B) provided that you:

1. Submit and/or cite all data required for registration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.

2. Submit one year storage stability (830.6317) and corrosion characteristics (830.6320) studies within one year as of the date of this registration notice. It is recommended that observations be made at 0, 3, 6, 9 and 12 months intervals. The results must be submitted in a hard copy and an electronic format is also requested.

3. Make the following label change:

a. Revise the EPA Registration Number to read: "EPA Reg. No. 2217-898."

Submit one copy of the revised final printed label for the record.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Signature of Approving Official:

Joanne I. Miller
Product Manager 23
Herbicide Branch
Registration Division (7505P)

Handwritten signature of Joanne I. Miller

Date:

OCT - 6 2006

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EH-1442 Herbicide

ACTIVE INGREDIENTS:

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

THIS PRODUCT CONTAINS:

0.35 lbs. 2,4-dichlorophenoxyacetic acid equivalent per gallon or 4.85%.
Isomer Specific by AOAC Methods.

KEEP OUT OF REACH OF CHILDREN

CAUTION

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.
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.	
NOTE TO PHYSICIAN: Contains petroleum distillates - vomiting may cause aspiration pneumonia.	

See side panels for additional Precautionary Statements

**NET CONTENTS: 1.0 pint, 1.0 quart and
1.0 U.S. Gallon**

AP-----

EPA File Symbol No. 2217-

EPA Est. No. 2217-KS-1

MANUFACTURED BY:



Telephone: 1-800-821-7925

**ACCEPTED
with COMMENTS
In EPA Letter Dated:
OCT - 6 2006**

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

2217-898

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

PRECAUTIONARY STATEMENTS

Hazards to Humans 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.

Engineering Control Statements:

Containers over 1 gallon and less than 5 gallons: Persons engaged in open pouring of this product must also wear coveralls or a chemical resistant apron.

Containers of 5 gallons or more: Do not open-pour from this container. A mechanical system (such as probe and pump or spigot) must be used for transferring the contents of this container. If the contents of a non-refillable pesticide container are emptied, the probe must be rinsed before removal.

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.

ENVIRONMENTAL HAZARDS:

This pesticide is toxic to algae, fish and aquatic invertebrates. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark except as noted on appropriate labels. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas.

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.

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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.

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 has 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 'Floratam') |
| | 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 'Floratam' 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.

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 recommended on this label can cause turf injury.

Table 1. Approximate treated areas of turfgrass when applying EH-1442 Herbicide with a ready-to-use hose-end sprayer.

Species	Amount Of Product to Use	Treated area, sq.ft.	
		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 Common bermudagrass, bahiagrass and zoysiagrass	3.0 fl. oz. / 1,000 sq.ft.	5,300 sq.ft	10,600 sq.ft
St. Augustinegrass (except 'Floratum') 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 xxxx 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.

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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 recommended on this label can cause turf injury. The maximum application rate to turf is 0.4 pound 2,4-D acid equivalent per acre per application per site. The maximum number of broadcast applications per treatment site is 2 per year. The maximum seasonal rate is 2 gallons of product per acre excluding spot treatments.

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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, gals. 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)

BROADLEAF WEEDS CONTROLLED:

EH-1442 Herbicide will control or suppress the following broadleaf weeds. A partial list is presented below.

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

TIPS FOR BEST RESULTS

When to Apply	<p><i>Spring and fall</i></p> <p><i>for established lawns</i></p> <p><i>for newly seeded areas</i></p> <p><i>for newly sodded, sprigged, or plugged areas</i></p>	<p>Spray when broadleaf weeds are young and actively growing for best results.</p> <p>EH-1442 Herbicide 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.</p> <p>Broadcast (entire areas) applications or follow-up applications at 2 - 6 week intervals are recommended for more mature weeds, for dense infestations, and for adverse environmental conditions.</p> <p>Spot treatments during the summer may be appropriate for sparse infestations, as a follow-up treatment, or any time broadleaf weeds are susceptible.</p> <ul style="list-style-type: none"> Apply when daytime temperatures are below 90°F. Apply this product to newly seeded grasses when well-established (approximately 6 weeks after seedling emergence) or after the third mowing. Apply this product 3 to 4 weeks after the sodding, sprigging, or plugging operations.
Seeding:		<ul style="list-style-type: none"> Treated areas can be reseeded at 2 weeks after the application of this product.
Irrigation:	<p><i>Non-stressed turfgrass</i></p> <p><i>Stress from high temperatures, drought, insects or diseases.</i></p>	<ul style="list-style-type: none"> Adequate soil moisture and favorable growing conditions enhance the performance of this product. 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.
Mowing:		<ul style="list-style-type: none"> Avoid mowing 1-2 days before and after the application of this product.
Nontarget plants:		<ul style="list-style-type: none"> 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. Avoid spraying exposed roots of ornamentals and trees.

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STORAGE & DISPOSAL

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

LIMITED WARRANTY AND DISCLAIMER.

FOR USE ONLY AS DIRECTED. 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. 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.

APPENDIX

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

- ◆ Rainfast in as little as 1 hours
- ◆ 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]

This product offers these advantages:

- Rapid and effective weed control for common and troublesome weed species in turfgrass
- Superior cool weather performance.
- 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 - 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]
- 100% root kill
- Total root kill
- Complete [root] [weed] kill
- Kills the hard to control weeds
- Kills over 250 [tough] lawn weeds
- Kills the toughest [lawn] weeds
- Scientifically formulated for lawns
- Special lawn formula
- Helps keeps lawn healthy [and weed free]

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- Maximum weed [root] kill
- 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]

TRIMEC[®] is a registered trademark of PBI/Gordon Corporation.

Ortho[®] Dial'N Spray[®] Hose-End Sprayer is a registered trademark of The ORTHO Group

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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.

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 has 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 FACTS:	
<ul style="list-style-type: none"> • Treats up to 5,300 square feet. <i>Pint Size</i> • Treats up to 10,600 square feet. <i>Quart Size</i> • Treats up to 42,600 square feet. <i>Gallon Size</i> 	
KILLS WEEDS:	Dandelion, Clover, Chickweed plus over xxx additional broadleaf weeds
WHERE TO USE:	On Lawns
AMOUNT TO USE:	For Bentgrass, hybrid bermudagrass and buffalograss St. Augustinegrass (except 'Floritam') and centipedegrass Use: 1½ 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 • http://www.company_name.com

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

WHEN TO APPLY	<ul style="list-style-type: none"> • 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. • Spray when: <ul style="list-style-type: none"> ◦ weeds are small and actively growing. ◦ temperature is below 90°F. ◦ air is calm to avoid spray drift onto landscape plants as contact with foliage may injure flowers, shrubs, trees, and other desirable plants. • Reapplication can be made in 2 to 3 weeks if necessary. • Newly seeded lawn can be sprayed after first mowing.
Seeding:	<ul style="list-style-type: none"> • Treated areas can be reseeded at 2 weeks after the application of this product.
Irrigation:	<ul style="list-style-type: none"> • 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.
Mowing:	<ul style="list-style-type: none"> • Avoid mowing 1-2 days before and after the application of this product.
Nontarget plants:	<ul style="list-style-type: none"> • 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. • Avoid spraying exposed roots of ornamentals and trees. • Do not use this product on 'Floritam' St. Augustinegrass, or lawns containing desirable clovers.

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 2 to 3 weeks. 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.)

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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.) = ½ fl. oz.

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Tabular Format [optional]

Lawn Grass	Sprayer Type	Product To Measure	Area to Treat	Comments
St. Augustinegrass* and centipedegrass	Tank Sprayer	½ fl.oz. (1 Tbs.) into 1 gallon of water and spray.	300 sq.ft.	*Do not use on 'Floritam' St. Augustinegrass.
Bentgrass, hybrid bermudagrass and buffalograss	Dial 'N Spray [®]	1½ fl.ozs. (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 [®]	1½ fl.ozs. (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.ozs. (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.ozs. (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.) = ½ fl. oz.

The maximum application rate to turf is 0.4 pound 2,4-D acid equivalent per acre per application per site. The maximum number of broadcast applications per treatment site is 2 per year. The maximum seasonal rate is 2 gallons of product per acre excluding spot treatments.

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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.

The maximum application rate to turf is 0.4 pound 2,4-D acid equivalent per acre per application per site. The maximum number of broadcast applications per treatment site is 2 per year. The maximum seasonal rate is 2 gallons of product per acre excluding spot treatments.

BROADLEAF WEEDS CONTROLLED:

EH-1442 Herbicide will control or suppress the following broadleaf weeds. A partial list is presented below.

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

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STORAGE & DISPOSAL

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

LIMITED WARRANTY AND DISCLAIMER.

FOR USE ONLY AS DIRECTED. 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. 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.

APPENDIX

1. Advertising claims that may be used by supplemental registrants: These claims may be presented on the retail container label or on the labeling accompanying the product.

- ◆ 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.
- ◆ Kills (broadleaf) weeds - roots and all.
- ◆ 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 all major broadleaf lawn weeds: *List of the weed species.*
- ◆ Helps provide a beautiful lawn.
- ◆ For cool and warm season lawn grasses.
- ◆ Kills all 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.
- ◆ Now for northern and southern lawns.
- ◆ New formula for northern and southern grasses/lawns.
- ◆ Kills all major broadleaf weeds including dandelion, clover, oxalis, chickweed, knotweed plantain, henbit, spurge and others.
- ◆ Concentrate
- ◆ Now faster acting
- ◆ Now faster results
- ◆ Now fast acting
- ◆ Rain-fast in 1 hour
- ◆ For control that doesn't/won't wash away/off.
- ◆ Effective even with rain in 1 hours.
- ◆ Specially formulated for residential use
 - ◇ Kills all 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..

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- ◇ 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 – 10,600 sq.ft. (1 quart covers 10,600 – 21,300 sq.ft.) depending on lawn. See inside booklet for complete instructions. Specially formulated for residential use.
 - ◇ *CONVENIENT*.
 - ◇ *ECONOMICAL* - Use to cover small or large areas.
 - ◇ Rapid and effective weed control for common and troublesome weed species in turfgrass.
 - ◇ Superior cool weather performance.
 - ◇ Fast acting with evidence of injury within hours. Generally, the injury symptoms can be noticed in hours and plant death can occur within 7-14 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.
 - ◇ Maximum weed control
 - ◇ Kills weeds, not lawns
 - ◇ The performance leader
 - ◇ Treats up to xxxx sq.ft.
 - ◇ Tough on weeds, easy on lawns
- ◆ **Notice:** 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.