

2217-968

6/8/2012

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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

2217-968

Date of Issuance

JUN 8 2012

NOTICE OF PESTICIDE

Registration
 Reregistration
(under FIFRA as amended)

Term of Issuance

unconditional

Name of Pesticide Product

EH-1501 Weed & Feed

Name and Address of Registrant (include ZIP Code)

PBI/Gordon Corporation
1217 West 12th St
Kansas City, MO 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

The basic and alternate #1 and #2 formulations (dated 11/9/2011) are acceptable and will be added to your file

This product is registered in accordance with FIFRA section 3(c)(5) provided that you

- 1 Submit and/or cite all data required for registration review/reregistration of your product when the Agency requires all registrants of similar products to submit data
- 2 Make the following label revision(s)
 - a Revise "EPA Reg No 2217-XXX" to "EPA Reg No 2217-968 "
 - b Assure that the EPA establishment number and net contents are also added to the final printed label
 - c Revise "ACTIVE INGREDIENT" to "ACTIVE INGREDIENTS" in the ingredient statement
 - d Per the MCPA, MCPP-p, and Dicamba REDs, revise the first sentence of the Environmental Hazards section to read, "This pesticide may be toxic to fish, aquatic invertebrates, aquatic plants, and may adversely affect non-target plants " (This applies to the PR-N 2008-1 version as well)
 - e Revise the section heading, "PRECAUTIONS AND RESTRICTIONS" to "USE RESTRICTIONS " In addition, move the text, "Do not apply directly to or near water when rain is expected that day " From the "OTHER USE PRECAUTIONS" section to the "USE RESTRICTIONS section since this is listed as a use restriction in the MCPP-p RED
- 3 Within one year of the date on this registration notice, the Storage Stability (830 6317) and Corrosion Characteristics (830 6320) studies must be submitted They must be conducted in the commercial containers of this product and observations should be made at 0, 3, 6, 9, and 12 month intervals
- 4 Per 40 CFR 156 10(6), submit one copy of your final printed labeling before you release the product for shipment

Continued on Page 2

Signature of Approving Official

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

Date

JUN 8 2012

Page 2 of 2
Notice of Registration
2217-967

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 If you have any questions regarding this notice, please contact Beth Benbow of my staff at benbow_bethany@epa.gov

30 of 10

ACCEPTED
with COMMENTS
In EPA Letter Deter
JUN - 8 2012
Under the Federal Fungicide and Rodenticide Act as amended for the pesticide registered under EPA Reg. No

EH-1501 WEED & FEED

EPA Reg. No. 2217-XXX

2217-968

ACTIVE INGREDIENT	
MCPA 2 ethylhexyl ester	0 872%
Mecoprop p acid	0 127%
Dicamba acid	0 054%
Sulfentrazone	0 025%
OTHER INGREDIENTS	<u>98 922%</u>
TOTAL	100 000%

THIS PRODUCT CONTAINS

11 18 lb 2-methyl 4-chlorophenoxyacetic acid equivalent per ton or 0 559% CAS 94 74 6

2 54 lb (+) (R) 2-(2 methyl 4 chlorophenoxy)propionic acid equivalent per ton or 0 127% CAS 16484 77 8

1 08 lb 3 6-dichloro o-anisic acid equivalent per ton or 0 054% CAS 1918-00-9

0 50 lb N [2 4 dichloro 5 [4 (difluoromethyl) 4 5-dihydro 3-methyl 5 oxo-1H-1 2 4-triazol-1 yl] phenyl]methanesulfonamide per ton or 0 025% CAS 122836 35 5

TRIMEC® is a registered trademark of PBI/Gordon Corporation

KEEP OUT OF REACH OF CHILDREN

CAUTION

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

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION Causes moderate eye irritation Avoid contact with eyes or clothing Wash thoroughly with soap and water after handling and before eating drinking chewing gum using tobacco or using the toilet

First Aid	
If in eyes	<ul style="list-style-type: none"> Hold eye open and rinse slowly and gently with water for 15 - 20 minutes Remove contact lenses if present after the first 5 minutes then continue rinsing eye Call a poison control center or doctor for treatment advice
Have the product container or label with you when calling a poison control center or doctor or going for treatment You may also contact 1 877 800 5556 for emergency medical treatment information	

Environmental Hazards

This pesticide may adversely affect non-target plants Do not apply directly to water Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas Runoff of this product will be reduced by avoiding applications when rainfall is forecasted to occur within 48 hours Do not contaminate water when disposing of equipment washwater or rinsate



Environmental Hazards

This pesticide may adversely affect non-target plants. 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. Sweeping any product that lands on a driveway, sidewalk, or street back onto the treated area of the lawn or garden will help to prevent run off to water bodies or drainage systems.

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 allow people or pets to enter the treated area until dusts have settled.
- Not for use on turf being grown for sale or other commercial use as sod, or for commercial seed production, or for research purposes.
- This product is not allowed to be sold, distributed or used in New York and California.

INSTRUCTIONS

EH 1501 Weed & Feed is a combination of four proven weed killers: MCPA, mecoprop-p, dicamba and sulfentrazone. This herbicide controls a wide range of lawn weeds, including dandelion, chickweed, knotweed, plantain, henbit, spurge and many others commonly found in home lawns. In addition, a [X-X-X (grade percentage)] fertilizer provides a supply of plant nutrients.

OTHER USE PRECAUTIONS

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

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

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

This product will not prevent weed seeds from producing new plants.

Do not use this product on or near desirable plants, and avoid spreading granules onto exposed root systems or adventitious shoots (rhizomes) within the drip line of desirable trees and shrubs, since injury may result.

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. Apply this product directly to your lawn, and sweep any product landing on the driveway, sidewalk, gutter, or street back onto the treated area. 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.

HOW MUCH TO APPLY

Apply 3.0 to 3.8 pounds of product per 1,000 square feet of turfgrass. A second application may be made in 30 days.

The maximum broadcast application rate is 3.8 pounds of product per 1,000 sq. ft. per application (0.925 lb MCPA ae, 0.210 lb MCPP-p ae, 0.089 lb dicamba ae and 0.041 lb sulfentrazone 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 7.6 pounds of product per 1 000 sq ft per year (1.85 lb MCPA ae 0.42 lb MCPP-p acid equivalent 0.178 lb dicamba ae and 0.082 lb sulfentrazone per acre per year)

WHEN TO APPLY

Apply when broadleaf weeds are actively growing in spring or early fall

- Apply when the air is calm (Choose a calm day) to ensure uniform coverage and avoid spreading granules onto flowers vegetables and ornamental shrubbery

Possible retreatment may be necessary if lawn is heavily overrun by weeds if adverse low moisture conditions prevail or if weeds are in a state of poor growth

WHAT TO EXPECT

- 1 Mow lawn to normal height 1 to 2 days before application
- 2 Water lawn thoroughly at least 1 to 2 days before application to sustain moisture until the next watering (see step 5)
- 3 Apply when broadleaf weeds are young and actively growing preferably in the morning when dew is on the grass At the time of application moisture on the weed leaves from dew rainfall or irrigation/watering aids in control If grass is not moist at time of application sprinkle lightly with water
- 4 Avoid applying when temperatures are consistently above 90°F
- 5 Do not wash from weed leaves for 1 to 2 days after application At this time a thorough watering should be made

DISTRIBUTION AND SPREADER PATTERNS

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

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

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

Bag Size Lbs	Application Rate Lb/1 000 Sq Ft	Treated Area for This Bag Size Sq Ft	Bag Size, Lb	Application Rate Lb/1 000 Sq Ft	Treated Area for This Bag Size Sq Ft
14	3.0	4700	19	3.0	6300
	3.5	4000		3.5	5400
	3.6	3900		3.6	5300
	3.8	3700		3.8	5000
15	3.0	5000	20	3.0	6700
	3.5	4300		3.5	5700
	3.6	4200		3.6	5600
	3.8	3900		3.8	5300
16	3.0	5300	25	3.0	7500
	3.5	4600		3.5	7100
	3.6	4400		3.6	6900
	3.8	4200		3.8	6600
17	3.0	5700	30	3.0	10000
	3.5	4900		3.5	8600
	3.6	4700		3.6	8300
	3.8	4500		3.8	7900

Bag Size Lbs	Application Rate Lb/1 000 Sq Ft	Treated Area for This Bag Size, Sq Ft	Bag Size, Lb	Application Rate Lb/1 000 Sq Ft	Treated Area for This Bag Size, Sq Ft
18	3 0	5400			
	3 5	5100			
	3 6	5000			
	3 8	4700			

SINGLE PASS DISTRIBUTION

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

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

CALIBRATION INSTRUCTIONS AND SPREADER SETTINGS

Calibrate the spreader according to the manufacturer s directions Initial spreader settings may require adjustment to deliver the recommended rate under actual application conditions

To provide proper distribution calibrate spreader before application

- For 3 0 pounds of product per 1 000 square feet of turfgrass Check your spreader on 330 square feet and adjust to apply at the rate of 1 pound of product per 330 square feet
- For 3 5 pounds of product per 1 000 square feet of turfgrass Check your spreader on 285 square feet and adjust to apply at the rate of 1 pound of product per 285 square feet
- For 3 8 pounds of product per 1 000 square feet of turfgrass Check your spreader on 265 square feet and adjust to apply at the rate of 1 pound of product per 265 square feet

Spreader	Delivers ___ lb/1 000 sq ft		
	3 0 lb	3 5 lb	3 8 lb
LESCO® Rotary calibration gauge setting #	X	X	X
Ortho® Drop (5000)	X	X	X
Ortho® Rotary (6000)	X	X	X
Precision® Red Devil® Rotary	X	X	X
Quaker® Rotary	X	X	X
Republic® EZ Drop	X	X	X
Republic® EZ Grow	X	X	X
Republic® EZ Rotary	X	X	X
Scotts® Drop (PF3)	X	X	X
Scotts® Easy Green	X	X	X
Scotts® Speedy Green	X	X	X
True Temper Rotary	X	X	X

OR

Spreader settings for 1 0 pound of product per 330 square feet	
Scotts EasyGreen® Rotary	X
Scotts Drop	X
Scotts SpeedyGreen® Rotary	X
GreenView Drop (Spred II)	X
Central Drop (#205)	X
Sears Drop (#19810)	X
Ortho Drop (#5000)	X

Precision Drop (Red Devil)	X
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Advisory For Fertilizers Containing Iron
 Keep this product off sidewalks patios driveways etc This fertilizer may contain iron which will stain concrete and painted surfaces If it comes in contact with concrete surfaces sweep off immediately before flushing with water If concrete is wet when contact occurs staining may be impossible to prevent Be careful when using rotary spreaders which scatter fertilizer beyond lawn edge and onto concrete

Fertilizer Labeling Requirements

- All fertilizer products distributed in Washington at a minimum must have the following labeling statement This product has been registered with the Washington State Department of Agriculture When applied as directed this fertilizer meets the Washington standards for arsenic cadmium cobalt mercury molybdenum lead nickel selenium and zinc You have the right to receive specific information about Washington standards from the distributor of this product
- Information regarding the contents and levels of metals in this product is available on the internet at <http://www.aapfco.org/metals.htm>

Referrals to other products used sequentially

- For best results apply (brand name) products
- Apply using the 4 Step Program
- **4 Step Program**
 - STEP 1 Crabgrass Preventor Apply March early May - Prevents crabgrass foxtail goosegrass poa annua and other annual weed grasses - Nutralene feeds your turfgrass for up to 2 months with long lasting deep greening
 - STEP 2 Weed & Feed - Apply May - June Kills dandelion clover plantain and over XXX other broadleaf weeds - Nutralene feeds your turfgrass for up to 2 months with long lasting deep greening
 - STEP 3 Lawn Food - Apply June - August - Nourishes your lawn throughout the summer months with extended feeding of Nitrogen Nutralene feeds your turfgrass for up to 2 months with long lasting deep greening
 - STEP 4 Winterizer & Weed Control - Apply late August mid October - Kills dandelion clover plantain and over XXX other broadleaf weeds - Maximizes root building Nutralene feeds your turfgrass for up to 2 months with long lasting deep greening

OR

- STEP 4 Starter & Winterizer Apply late August November Maximizes root building - Nutralene feeds your turfgrass for up to 2 months with long lasting deep greening Use with new seeding and sodding of turfgrass

BROADLEAF WEEDS			
Annual yellow sweetclover	Clover sweet	Mugwort	Spiny cocklebur
Aster	Clover white	Musk thistle	Spiny sowthistle
Austrian fieldcress	Cockle	Mustard	Spotted catsear
Bedstraw	Cocklebur	Narrowleaf plantain	Spotted spurge
Beggarticks	Common mullein	Narrowleaf vetch	Spurweed
Betony Florida	Creeping jenny	Nettle	Stinging nettle
Bindweed field	Cudweed	Orange hawkweed	Strawberry India mock
Bird vetch	Curly dock	Oxalis	Tall nettle
Bitter wintercress	Daisy English	Parsley piert	Tall vervain
Bittercress hairy	Daisy fleabane	Parsnip	Tansy ragwort
Bitterweed	Daisy oxeye	Pearlwort	Tansy mustard
Black eyed Susan	Dandelion	Pennycress	Thistle

BROADLEAF WEEDS			
Black medic	Dichondra	Pepperweed	Trailing crownvetch
Black mustard	Dogfennel	Pigweed	Tumble mustard
Blackseed plantain	Dollarweed	Pineywoods bedstraw	Tumble pigweed
Blessed thistle	False dandelion	Plains coreopsis	Velvetleaf
Bloodflower milkweed	Falseflax	Plantain	Venice mallow
Blue lettuce	False sunflower	Poison ivy	Virginia buttonweed
Blue vervain	Fiddleneck	Poison oak	Virginia creeper
Bracted plantain	Florida pusley	Pokeweed	Virginia pepperweed
Bristly oxtongue	Frenchweed	Poorjoe	Wavyleaf bullthistle
Broadleaf dock	Galinsoga	Prairie sunflower	Western clematis
Broadleaf plantain	Goldenrod	Prickly lettuce	Western salsify
Broomweed	Ground ivy	Prckly sida	White mustard
Buckhorn	Gumweed	Prostrate knotweed	Wild aster
Buckhorn plantain	Hairy fleabane	Prostrate pigweed	Wild buckwheat
Bulbous buttercup	Hawkweed	Prostrate spurge	Wild carrot
Bull thistle	Healall	Prostrate vervain	Wild four o'clock
Bullnettle	Heartleaf drymary	Puncturevine	Wild garlic
Burclover	Heath aster	Purslane common	Wild geranium
Burdock	Hedge bindweed	Ragweed	Wild lettuce
Burning nettle	Hedge mustard	Red sorrel	Wild margold
Burweed	Henbit	Redroot pigweed	Wild mustard ' c c c c c
Buttercup	Hoary cress	Redstem filaree	Wild onion
Buttonweed	Hoary plantain	Rough cinquefoil	Wild parsnip ' c c c c c
Canada thistle	Hoary vervain	Rough fleabane	Wild radish
Carolina geranium	Horsenettle	Russian pigweed	Wild ape ' c
Carpetweed	Jimsonweed	Scarlet pimpernel	Wild strawberry ' c c c c c
Catchweed bedstraw	Knawel	Sheep sorrel	Wild sweet potato
Catnip	Knotweed	Shepherdspurse	Wild vetch ' c c c c c
Catsear	Kochia	Slender plantain	Woodcock ' c c c c c
Chickweed common	Lambsquarters	Smallflower galinsoga	Woolly cros on ' c
Chickweed mouseear	Lespedeza	Smooth dock	Woolly morningglory ' c c c c c
Chicory	Mallow	Smooth pigweed	Woolly plantain ' c
Cinquefoil	Matchweed	Sorrel	Wormseed ' c c c c c
Clover crimson	Mexicanweed	Sowthistle	Yarrow ' c c c c c
Clover hop	Milk vetch	Spanishneedles	Yellow rocket
Clover red	Morningglory	Speedwell	Yellowflower pepperweed
Clover strawberry	Mouseear hawkweed	Spiny amaranth	and other broadleaf weeds

STORAGE AND DISPOSAL
 Do not contaminate water food or feed by storage and disposal

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

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

LIMITED WARRANTY AND DISCLAIMER
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 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.

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 Weight _____
- EPA Est. No. _____
- [Guaranteed Analysis and other required fertilizer-related statements may be presented on the front panel of the container label. A sample Guaranteed Analysis and possible statements are presented in the Appendix on page 9 of this master label.]
- FL 987

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

- Controls Tough Broadleaf Weeds in Established Lawns
- Kills Over (number) [Listed] Broadleaf Weeds [As Listed]
- [Bag] [Treats] [Covers] [Up To] [XXXX] Square Feet
- Greens turf in autumn and accelerates spring recovery

3 Guaranteed Analysis

GUARANTEED ANALYSIS XX X X	
Total Nitrogen (N)	XX%
x x% ammoniacal nitrogen	
x x% urea nitrogen*	
Available Phosphate (P2O5)	XX%
Soluble Potash (K2O)	X%
Sulfur (S)	X%
x x% free sulfur (S)	
Derived from polymer coated sulfur coated urea urea ammonium phosphate potassium chloride A portion of the urea has been coated to provide x x% coated slow release nitrogen This product and/or its manufacture is covered by one or more of the following U.S. patents and international counterparts thereof. US Patent Numbers xxxxxx	

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

4 State mandated fertilizer labeling requirements

Fertilizer Labeling Requirements

- All fertilizer products distributed in Washington at a minimum must have the following labeling statement: This product has been registered with the Washington State Department of Agriculture. When applied as directed, this fertilizer meets the Washington standards for arsenic, cadmium, cobalt, mercury, molybdenum, lead, nickel, selenium, and zinc. You have the right to receive specific information about Washington standards from the distributor of this product.
- Information regarding the contents and levels of metals in this product is available on the internet at <http://www.aapfco.org/metals.htm>

