

2217-799



9/19/2001
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

1/6
OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

Mr. Craig Martens
PBI/Gordon Corporation
P.O. Box 014090
Kansas City, Missouri 64101

SEP 19 2001

Dear Mr. Martens:

SUBJECT: EH-1154 Weed & Feed
EPA Registration No. 2217-799
Application and Letter Dated August 20, 2001, Request
To Amend Registration: Conversion To MCPP-p, with
Fast Track Review with Revised Basic Formulation on
on EPA Form 8570-4, Confidential Statement of Formula
(CSF), Basic Formulation

The proposed amendment to the registration of the subject pesticide product is conditionally accepted under section 3(c)(7)(A) of the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA). Under this amendment this Agency is approving the conversion of the active ingredient mecoprop from its racemic forms [2-(2-methyl-4-chlorophenoxy)propionic acid, or applicable salt thereof] to its single isomer form [(+)-R-2-(2-methyl-4-chlorophenoxy) propionic acid, or applicable salt thereof]. The revised labeling in support of the conversion is acceptable with the following provisions.

1. This acceptance is based on your certification that no changes have been made to the Confidential Statement of Formula (CSFs) or the product labeling other than those specified within the body of your certification statement. No other revisions are being reviewed or considered with this action.
2. You may sell or distribute this product containing the racemic form of mecoprop and bearing that previously approved labeling for 18 months from the date of this letter.

A stamped copy of the labeling is enclosed for your records. This labeling supersedes all previous accepted labeling. Submit one copy of your final printed labeling before you release the product for shipment.

Sincerely yours,

Eugene M. Wilson
for Joanne I. Miller
Product Manager (23)
Herbicide Branch
Registration Division (7505C)

Enclosure

2/6

EH-1154 WEED AND FEED

21-3-5

ACTIVE INGREDIENTS:

2-methyl-4-chlorophenoxyacetic acid.....	0.56%
(+)-R-2-(2-methyl-4-chlorophenoxy)propionic acid.....	0.12%
Dicamba: 3,6-dichloro-o-anisic acid.....	0.05%
INERT INGREDIENTS:.....	99.27%
TOTAL	100.00%

THIS PRODUCT CONTAINS:

- 11.2 lbs. or 0.56% 2-methyl-4-chlorophenoxyacetic acid equivalent per ton.
 - 2.4 lbs. or 0.12% (+)-R-2-(2-methyl-4-chlorophenoxy) propionic acid equivalent per ton.
 - 1.0 lbs. or 0.05% 3,6-dichloro-o-anisic acid equivalent per ton.
- Contains the single isomer form of Mecoprop-p.
Isomer Specific by AOAC Methods.

KEEP OUT OF REACH OF CHILDREN

**ACCEPTED
with COMMENTS
In EPA Letter Dated**

SEP 19 2001

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

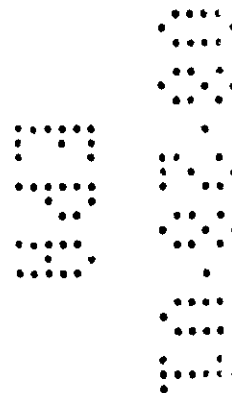
2217-799

WARNING

See back panel for additional Precautionary Statements.

NET WEIGHT 18 POUNDS

APxxxxxx
EPA REG. NO. 2217-799 Amend
EPA EST. NO. 2217-KS-X
MANUFACTURED BY:





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

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

WARNING: Causes substantial but temporary eye injury. Harmful if absorbed through the skin. Do not get in eyes or on clothing. Avoid contact with skin. Wear protective eyewear (goggles, face shield or safety glasses). Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse.

Statement of Practical Treatment

IF IN EYES: Hold eyelids open and flush with a steady, gentle stream of water for 15 minutes. Get medical attention.

IF SWALLOWED: Call a doctor or get medical attention. Do not induce vomiting or give anything by mouth to an unconscious person. Drink promptly a large quantity of milk, eggwhites, gelatin solution, or if these are not available, drink large quantities of water. Avoid alcohol.

IF ON SKIN: Wash with plenty of soap and water. Get medical attention.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

ENVIRONMENTAL HAZARDS:

Drift or runoff may adversely affect nontarget plants. Do not apply directly to water. Do not contaminate water when disposing of equipment washwater or rinsate.

DIRECTIONS FOR USE

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

Do not reenter or permit others to reenter treated area until sprays have dried or dusts have settled.

STORAGE AND DISPOSAL

STORAGE: Store in original container and keep any bags containing unused product in a locked storage area inaccessible to children and domestic animals. Do not store near food or feedstuffs.

PESTICIDE DISPOSAL: Securely wrap bag in several layers of newspaper and discard in trash.

CONTAINER DISPOSAL: Do not reuse bag. Discard bag in trash.

WHERE TO USE:

EH 1154 Weed and Feed is a Trimec® brand herbicide containing fertilizer, MCPA, mecoprop, and dicamba. This granular weed and feed provides ~~a balanced supply of~~ plant nutrients and controls a broad spectrum of broadleaf weeds in turfgrass. Supplemental nitrogen, phosphorous, and potash should be applied according to soil tests or State Extension Service recommendations.

EH 1154 Weed and Feed controls broadleaf weeds commonly found in cool season and warm season turfgrass established in residential/domestic areas. Established turf of bermudagrass, zoysiagrass, St. Augustinegrass, and centipedegrass may be treated. Also, Kentucky bluegrass, fescues, and perennial ryegrass may be treated. Residential/domestic areas include turfgrass established around residences, apartment complexes, condominiums, vacant lots, or areas associated with households.

Do not apply this product to bentgrass, carpetgrass, dichondra, ornamentals, or lawns containing desirable clovers.

4/6

WHEN TO USE:

The maximum control of weeds will be obtained from spring or fall applications when the weeds are actively growing.

Dandelion, chickweed, plantain, and henbit are controlled with EH 1154 Weed and Feed. A partial list of susceptible weeds is shown below:

Bedstraw	Dandelion	Knotweed	Purslane
Black medic	Dock	Lambsquarters	Ragweed
Burdock	Ground ivy	Peppergrass	Sheep sorrel
Chicory	Healall	Pigweed	Shepherdspurse
Chickweed	Henbit	Plantain	Thistle
Clover			

APPLICATION INSTRUCTIONS:

1. Spring and fall applications are recommended for the best control. However, EH 1154 Weed and Feed can be applied any time broadleaf weeds are present and actively growing. Treatments of newly established warm season turfgrass should be delayed until 3 to 4 weeks after the sodding, sprigging or plugging operations. Application of this product to newly seeded areas of cool season grasses should be delayed until the third mowing.
2. Mow the turfgrass 2 to 3 days before application.
3. Water the turfgrass thoroughly (1/2 inch) at least 1 to 2 days before application.
4. It is recommended that this product be applied when plant leaves are moist by dew in the early morning or just after watering the lawn. Herbicide granules retained in water droplets on the leaves are readily absorbed. So, schedule applications in the morning when dew is present. Or, sprinkle or irrigate lightly (1/4 inch) before application to provide maximum control.
5. Do not irrigate or water the turfgrass within 24 hours after application.

HOW MUCH TO APPLY:

For bermudagrass, zoysiagrass, St. Augustinegrass and centipedegrass: Apply 4.0 pounds of product per 1,000 square feet of turfgrass. A second or follow-up application may be required for dense infestations of weeds or for adverse seasonal conditions. If needed, the second application of 4.0 pounds of product per 1,000 square feet should be used 30 days after the first application.

For Kentucky bluegrass, fescues, and perennial ryegrass: Apply 4.0 pounds of product per 1,000 square feet of turfgrass. A second or follow-up application may be required for dense infestations of weeds or for adverse seasonal conditions. If needed, the second application of 4.0 pounds of product per 1,000 square feet should be used 30 days after the first application.

A uniform broadcast distribution of product on the treated area is essential. Do not exceed the specified application rate for any area; and use care in the application of this product within the dripline of trees, shrubs, and other ornamentals.

Drop spreaders and rotary spreaders should be calibrated for uniform applications of this product. Refer to the rate table for the appropriate bag sizes and the area to be treated.

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, Pounds	Desired Rate Per 1,000 Square Feet, Pounds	Treated Area For This Bag Size, Square Feet
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5/6

15	4.0	3,800
16	4.0	4,000
17	4.0	4,300
18	4.0	4,500
20	4.0	5,000
30	4.0	7,500
35	4.0	8,800
36	4.0	9,000
40	4.0	10,000
45	4.0	11,300
50	4.0	12,500
55	4.0	13,800
60	4.0	15,000

21-3-5 GUARANTEED ANALYSIS	
Total Nitrogen (N).....	21%
Available Phosphate (P ₂ O ₅).....	3%
Soluble Potash (K ₂ O).....	5%

Labeling Requirements:

- All fertilizer products distributed in Washington in 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 conforms to Washington standards for arsenic, cadmium, copper, mercury, molybdenum, lead, nickel, selenium, and zinc. You have the right to receive specific information about Washington standards from the distributor of this product."
- After July 1, 1999, the label must also state: "Information received by the Washington State Department of Agriculture regarding the components in this product is available online internet at <http://www.wa.gov/agr/>."

LIMITED WARRANTY AND DISCLAIMER

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

THE MANUFACTURER NEITHER MAKES NOR INTENDS ANY OTHER EXPRESS OR IMPLIED WARRANTIES, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, WHICH ARE EXPRESSLY DISCLAIMED. This limited warranty does not extend to the use of the product inconsistent with label instructions, warnings or cautions, or to use of the product under abnormal conditions such as drought, excessive rainfall, tornadoes, hurricanes, etc. These factors are beyond the control of the manufacturer or the seller. Any damages arising from a breach of the manufacturer's warranty shall be limited to direct damages, and shall not include indirect or consequential damages such as loss of profits or values, except as otherwise provided by law.

The terms of this Limited Warranty and Disclaimer cannot be varied by any written or verbal statements or agreements. No employee or agent of the seller is authorized to vary or exceed the terms of this Limited Warranty and Disclaimer in any manner.

6/6

APPENDIX

I. Fertilizer grades that may be used by supplemental registrants - Fertilizer grades with nutrient contents expressed as the percentages of N, P₂O₅ and K₂O include the following:

10-6-4	18-3-5	21-5-7	24-3-6	26-3-5
12-4-4	18-4-8	22-3-6	24-4-8	26-4-6
12-5-5	20-4-6	22-6-6	24-5-10	28-3-3
15-5-10	20-4-8	22-7-7	25-3-3	28-3-7
16-2-3	20-10-0	22-10-10	25-3-5	30-3-5
16-3-5	20-10-5	23-3-3	25-3-8	30-3-10
16-6-9	21-3-5	23-7-7	26-3-3	30-4-8

The fertilizer grade guaranteed analysis may contain macronutrients and micronutrients. The nutrient contents expressed will vary among states, and the analyses will differ between supplemental registrations.

II. Advertising claims presented on the container (bag) that may or may not be used by supplemental registrants:

- ◆ Twenty pounds covers up to 5,000 square feet.
- ◆ Provides excellent response to the fertilizer plus effective broadleaf weed control.
- ◆ Combines the advantages of fertilization plus a broad range of weed control.