

2217-773



8/3/2001

1/6

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

AUG 3 2001

OFFICE OF  
PREVENTION, PESTICIDES  
AND TOXIC SUBSTANCES

Craig Martens  
PBI Gordon Corporation  
P.O. Box 014090  
Kansas City, MO 64101-0090

Dear Mr. Martens:

Subject: Conversion from MCPP to MCPP-p  
Trimec 959 Broadleaf Herbicide  
EPA Registration Number: 2217-773  
Your Submission Dated May 18, 2001

The Agency is conditionally approving an amendment to the registration for the above-referenced product under the authority of section 3(c)(7)(A) of the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA). Under this amendment the Agency is approving the conversion for the active ingredient mecoprop from its racemic form [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 and Confidential Statements of Formula (CSFs) submitted in support of the conversion are acceptable with the following provisions:

1. This acceptance is based on our understanding that no changes have been made to product other than those specified within the body of your certification statement and cover letter dated May 18, 2001. No other revisions are being reviewed or considered with this action.
2. You may sell or distribute product containing the racemic form of mecoprop and bearing the previously approved labeling for 18 months from the date of this letter.

Copies of the revised CSFs (Basic and Alternate Formations dated May 18, 2001) have been placed in the Agency's file for the subject product. These CSFs supersede all previously submitted CSFs for this product.

A stamped copy of the labeling is enclosed for your records. Submit one (1) copy of your final printed labeling before you release the product for shipment.

2/6

-2-

If you have any questions concerning this letter, please contact Mr. James Stone at 703-305-7391.

Sincerely yours,



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

Enclosure

3/6

# TRIMEC® 959 BROADLEAF HERBICIDE

For Use By Professional Turf Maintenance Personnel,  
Landscaping or Commercial Applicators Only.

Controls Dandelion, Chickweed, Knotweed, Plantain, Henbit, Spurge and many other broadleaf weeds, some of which are shown on the side panel.

**ACTIVE INGREDIENTS:**

Dimethylamine Salt of 2-methyl-4-chlorophenoxyacetic acid.....	38.68%
Dimethylamine Salt of (+)-(R)-2-(2-methyl-4-chlorophenoxy)propionic acid.	8.16%
Dimethylamine Salt of Dicamba: 3,6-dichloro-o-anisic acid.....	3.81%
<b>INERT INGREDIENTS:</b> .....	<b>49.35%</b>

**TOTAL 100.00%**

**THIS PRODUCT CONTAINS:**

- 2.97 lbs 2-methyl-4-chlorophenoxyacetic acid equivalent per gallon or 31.59%.
- 0.53 lbs (+)-(R)-2-(2-methyl-4-chlorophenoxy)propionic acid equivalent per gallon or 6.74%.
- 0.29 lbs 3,6-dichloro-o-anisic acid equivalent per gallon or 3.16%.
- Contains single isomer form of Mecoprop-p.
- TRIMEC® is a registered trademark of PBI/GORDON CORPORATION.

## KEEP OUT OF REACH OF CHILDREN

ACCEPTED  
with COMMENTS  
In EPA Letter Dated:

AUG 3 2001

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act,  
as amended, for the pesticide  
registered under EPA Reg. No.  
2217-773

## DANGER

See side panel for additional Precautionary Statements  
and Statement of Practical Treatment.

KEEP FROM FREEZING

**NET CONTENTS: \_\_\_\_\_ U.S. GALLONS**

773/  
EPA REG NO 2217-773 Amend  
EPA EST NO 2217-KS-1  
MANUFACTURED BY:



KANSAS CITY, MO 64101



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

4/6

## PRECAUTIONARY STATEMENTS

### Hazards to Humans & Domestic Animals

**DANGER:** Corrosive. This concentrate causes irreversible eye damage. Do not get in eyes, on skin, or on clothing. Avoid exposure to spray mist. Harmful or fatal if swallowed or absorbed through skin. Harmful if inhaled. Wear long pants, long-sleeved shirt, shoes, gloves, and face shield or goggles or shielded safety glasses when mixing, or loading this concentrated product. It is recommended that safety glasses include front, brow, and temple protection. After product has been diluted in accordance with use directions below, protective eyewear, and long-sleeved shirt are not necessary.

Wash thoroughly with soap and water after handling and before eating or smoking. Remove contaminated clothing and wash before reuse.

### Statement of Practical Treatment

**IF IN EYES:** In case of eye contact, immediately flush eyes with plenty of water for 15 minutes. Call a physician at once.

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

**IF INHALED:** Remove victim to fresh air and apply respiration if indicated.

**IF ON SKIN:** Wash promptly with soap and water. Rinse thoroughly. 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, or to areas where surface water is present, or to intertidal areas below mean high water mark. Do not contaminate water when disposing of equipment washwater or rinsate. When cleaning equipment, do not pour the washwater on the ground; spray or drain over a large area away from wells and other water sources. Do not apply when weather conditions favor drift from target area.

Most cases of groundwater contamination involving phenoxy herbicides such as MCPP and MCPA have been associated with mixing/loading and disposal sites. Caution should be exercised when handling MCPP and MCPA pesticides at such sites to prevent contamination of groundwater supplies. Use of closed systems for mixing and transferring this pesticide will reduce the probability of spills. Placement of the mixing/loading equipment on an impervious pad to contain spills will help prevent groundwater contamination.

### 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 workers to reenter treated area until sprays have dried or dusts have settled.

### STORAGE & DISPOSAL

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

**STORAGE:** Store in original container in a locked storage area inaccessible to children or pets. Keep from freezing. To prevent cross-contamination, do not store near herbicides, fertilizers, insecticides, fungicides or seeds.

**PESTICIDE DISPOSAL:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law and may contaminate groundwater. If these wastes cannot be disposed of by use according to label instructions, contact your state Pesticide or Environmental Control Agency or the Hazardous Waste Representative at the nearest EPA Regional Office for guidance.

**CONTAINER DISPOSAL:** *For Plastic Containers* - Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or if allowed by state and local authorities by burning. If burned stay out of smoke. *For Metal Containers* - Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

**GENERAL INFORMATION:**

Trimec® 959 Broadleaf Herbicide provides selective broadleaf control in warm season and cool season turfgrass. Established turf of warm season grasses include, but are not limited to, bermudagrass, bahiagrass, and zoysiagrass. Established turf of cool season grasses include, but are not limited to, Kentucky bluegrass, perennial ryegrass, tall fescue, and turf-type tall fescues. Do not apply this product on carpetgrass, dichondra or established turf containing desirable clovers.

**SITES AND TURF SPECIES:**

Not for use on turf being grown for sale or other commercial use on sod, or for commercial seed production, or for research purposes.

This product is intended to be applied by lawn care operators and landscape personnel for use in ornamental lawns and turf established in institutional, ornamental, and residential/domestic sites. Institutional sites are defined as turf areas around properties or facilities providing a service to public or private organizations including, but not limited to, hospitals, nursing homes, schools, museums, libraries, sport facilities, and golf courses. Ornamental sites include turfgrass established around residences, parks, streets, retail outlets, cemeteries, and institutional buildings. Finally, residential/domestic sites are defined as areas associated with the household or home life including, but not limited to, apartment complexes, condominiums, and patient care areas of nursing homes, mental institutions, hospitals or convalescent homes.

**USE PRECAUTIONS - OBSERVE CAREFULLY.**

1. Avoid drift of spray mist onto vegetables, flowers, ornamental plants, shrubs, trees and other desirable plants.
2. Do not pour spray solutions near these plants.
3. Do not spray on carpetgrass, dichondra nor on lawns or turf where desirable clovers are present.
4. Use only lawn type sprayers.
5. Note: Coarse sprays are less likely to drift.
6. Avoid application to exposed active feeder roots of shallow-rooted trees such as poplar species and sensitive ornamentals. Do not exceed specified dosages for any area. Be particularly careful within the dripline of trees and other ornamental species.
7. Do not spray bermudagrass or zoysiagrass while emerging from dormancy, unless injury can be tolerated.
8. Applications to newly seeded lawns may cause injury. Delay application until well established or after two or three mowings.
9. Do not use broadcast applications when air temperatures exceed 85°F. Some injury may be expected with spot treatments when air temperatures exceed 85°F.
10. Treated areas of common bermudagrass, Kentucky bluegrass, perennial ryegrass, and the fescues may be reseeded 3 to 4 weeks after application.
11. Do not contaminate domestic or irrigation waters.
12. Some injury can be expected to turf when used on centipedegrass or St. Augustinegrass; only spot spray weeds on these types of grasses. Clover will be damaged if sprayed.
13. After using this product, clean sprayer with soap or detergent and water, and rinse thoroughly before applying other pesticides.
14. Failure to observe the above precautions may result in injury to desirable plants.
15. Do not apply this product through any type of irrigation system.

6/6

**ORNAMENTAL LAWNS & TURF (OTHER THAN BENTGRASS):**

Apply 3 to 4 1/4 pints of product in water with spray volumes of 2 - 240 gallons per acre (GPA). The importance of calibration and uniform applications increases with the lower spray volumes. Spray equipment with fixed booms are suitable for the spray volumes of 2 - 20 GPA.

Maximum control of weeds will be obtained from spring or early fall applications when weeds are actively growing. Avoid applying during long excessively dry or hot periods unless adequate irrigation is available. Do not apply to newly seeded turf until well established or after the second or third mowing. Grass seed can be sown 3 to 4 weeks after application at the recommended rates.

**BENTGRASS TURF:**

In closely-mowed bentgrass (putting and bowling greens) apply at a maximum rate of 1 fluid ounce of product per 1,500 square feet, preferably in May or mid-August through September. Slight turf yellowing will disappear after about one week.

**NOTE:**

Care should be taken to avoid overdosing bentgrass or injury may result. High spray volumes (i.e., 1 fluid ounce of product in 5 gallons of water per 1,500 square feet) will aid in obtaining uniform coverage. If hand operated sprayers are used, it is preferable to use a single nozzle sprayer rather than a multiple nozzle boom. Sweeping movements with a multiple nozzle boom will result in heavy local over-application and subsequent turf discoloration or injury.

<b>WEEDS CONTROLLED:</b>		
Bedstraw	Henbit	Purslane
Black Medic	Knotweed	Ragweed
Buckhorn	Lambsquarters	Sheep Sorrel
Burdock	Lespedeza	Shepherdspurse
Chicory	Mallow	Speedwell
Chickweed	Morningglory	Spurge
Clover	Peppergrass	Wild Carrot
Dandelion	Pigweed	Wild Garlic
Dock	Plantain	Wild Onion
Ground Ivy	Poison Ivy	Yarrow and other broadleaf
Healall	Poison Oak	weeds in lawns and turf.

**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.