

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

PM 23 22,7-517

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James A. Armbruster, Ph.D.
 PBI/Gordon Corporation
 P.O. Box 14090
 1217 West 12th Street
 Kansas City, MO 64101

JUL 20 1995

Dear Dr. Armbruster:

SUBJECT: Label Amendment
 Trimec (R) 891 Broadleaf Herbicide
 EPA Registration No. 2217-517
 Your Application Dated January 31, 1995 Requesting a
 Revision in the Eyewear Statements Within the
 Precautionary Statement

The labeling referred to above, submitted in accordance with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended is acceptable with the following provisions:

1. Under the Statement of Practical Treatment replace the eye and skin statements with the following:

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

IF ON SKIN: Wash with plenty of soap and water. Get medical attention if irritation persists."
2. Add the following statement to remove this product from the scope of PR Notice 93-7 (Worker Protection Standards):
"Not for use on turf being grown for sale or other commercial use as sod, or for commercial seed production, or for research purposes."
3. Under the Precautionary Statements, in the Hazards to Humans and Domestic Animals section, the eyewear statements (the last two sentences in the first paragraph), should be combined with the fourth sentence in the paragraph to read as follows: "When mixing, loading, or applying this product, wear long-sleeved shirt, long pants, socks, shoes, chemical resistant

CONCURRENCES

SYMBOL	7505C							
SURNAME	DMorgan							
DATE	Jul 19, 1995							

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gloves and eye protection (face shield, goggles or shielded safety glasses - safety glasses should include front, brow and temple protection)."

A stamped copy is enclosed for your records. Please submit (one) final printed copy for the above mentioned label before releasing the product for shipment.

Sincerely yours,

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

Enclosure

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TRIMEC® 891 BROADLEAF HERBICIDE

ONE GALLON COVERS 2 TO 2 1/2 ACRES

Controls Dandelion, Chickweed, Knotweed, Plantains, Henbit, Spurge, and many other species of broadleaf weeds; some of which are listed on this label.

- KEEP FROM FREEZING -

ACTIVE INGREDIENTS:

* Dimethylamine salt of 2,4-Dichlorophenoxyacetic acid.....	30.56%
** Dimethylamine salt of 2-(2-Methyl-4-chlorophenoxy) propionic acid.....	16.34%
*** Dimethylamine salt of Dicamba(3,6-Dichloro-o-anisic acid).....	2.77%
INERT INGREDIENTS:.....	<u>50.33%</u>
TOTAL	100.00%

THIS PRODUCT CONTAINS:

- *2.44 lbs. 2,4-Dichlorophenoxyacetic acid equivalent per gallon or 25.38%
 - **1.30 lbs. 2-(2-Methyl-4-chlorophenoxy) propionic acid equivalent per gallon or 13.50%
 - ***0.22 lbs. 3,6-Dichloro-o-anisic acid equivalent per gallon or 2.30%
- Isomer Specific by AOAC Method.
 TRIMEC® is a registered trademark of PBI/GORDON CORPORATION

KEEP OUT OF REACH OF CHILDREN

CAUTION

Statement of Practical Treatment

In case of contact wash skin with plenty of soap and water;
 for eyes, flush with water for 15 minutes and get medical attention.
 See side panels for additional Precautionary Statements.

NET CONTENTS 55 U.S. GALLONS

ACCEPTED
 with COMMENTS
 In EPA Letter Dated
 JUL 20 1995

Under the Federal Insecticide,
 Fungicide, and Rodenticide Act
 as amended, for the pesticide
 registered under EPA Reg. No.
 2217-517

891/ APXXXXXX
 EPA REG. NO. 2217-517
 EPA EST. NO. 2217-KS-1
 Mfd. by PBI/GORDON CORPORATION
 KANSAS CITY, MISSOURI 64101

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

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION: Harmful if swallowed. Avoid contact with skin, eyes or clothing. Avoid breathing spray mist. Wear face shield or goggles, or shielded safety glasses when mixing, loading or applying this product. It is recommended that safety glasses include front, brow, and temple protection. When mixing, loading, or applying this product, wear long-sleeved shirt, long pants, socks, shoes and chemical resistant gloves.

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.

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 in capacity: A mechanical system (probe and pump) 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.

ENVIRONMENTAL HAZARDS: This product is toxic to aquatic invertebrates. Drift or runoff may adversely affect aquatic invertebrates and nontarget plants. For terrestrial uses, do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters. 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 2,4-D and MCPP have been associated with mixing/loading and disposal sites. Caution should be exercised when handling 2,4-D and MCPP pesticides at such sites to prevent contamination of groundwater supplies. Use of closed systems for mixing or 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 allow people (other than applicator) or pets on treatment area during application. Do not enter treatment areas until spray has dried or dust has settled.

For use on residential and other turf sites excluding sod farms.

STORAGE & DISPOSAL

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

STORAGE: Store in original container in a locked storage area. Keep from freezing.

PRODUCT DISPOSAL: Pesticide wastes are toxic. 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 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. 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.

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USE PRECAUTIONS

- Do not apply this product through any type of irrigation system.
- Avoid drift of spray mist onto vegetables, flowers, ornamental plants, shrubs, trees and other desirable plants. Do not pour spray solution near these plants.
- Do not spray on carpetgrass, dichondra nor lawns or turf where desirable clovers are present.
- Use only lawn-type sprayers. Coarse sprays are less likely to wind-drift. Do not spray roots of trees and ornamentals. Do not exceed specified dosages for any area; be particularly careful within the dripline of tree and other ornamental species.
- Do not spray while grass is emerging from dormancy. Do not apply to newly seeded grasses until well established.
- Do not broadcast apply when air temperatures exceed 85°F; some injury may be expected with spot treatments when air temperatures exceed 85°F.
- Seed can be sown 3 to 4 weeks after application.
- Do not contaminate domestic or irrigation water.
- Some injury can be expected to turf when used on centipedegrass or St. Augustinegrass lawns; "spot spray" weeds only on these types of grasses. Clover present will be damaged if sprayed.
- After using this product, clean sprayer with soap or detergent and water, and rinse thoroughly before applying other pesticides.
- Failure to observe the above precautions may result in injury.

WEEDS CONTROLLED: Trimec® 891 Broadleaf Herbicide is especially effective against weeds such as SHEEP SORREL, KNOTWEED, SPOTTED SPURGE, CHICKWEED, OXALIS AND HENBIT. In addition to these, it controls broadleaf weeds commonly found in lawns, some of which are listed below.

Bedstraw	Henbit	Purslane
Black Medic	Knotweed	Ragweed
Buckhorn	Lambsquarters	Sheep Sorrel
Burdock	Lespedeza	Shepherdspurse
Chicory	Mallow	Speedwell
Chickweed	Momingglory	Spurge
Clover	Peppergrass	Wild Carrot
Dandelion	Pigweed	Wild Garlic
Dock	Plantains	Wild Lettuce
Ground Ivy	Poison Ivy	Wild Onion
Heal-All	Poison Oak	Yarrow

ORNAMENTAL LAWNS & TURF (other than bentgrass): Apply Trimec® 891 Broadleaf Herbicide at the rate of 3¼ to 4 pints per acre in sufficient water for adequate coverage. 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 irrigate within 24 hours of application. Do not apply to newly seeded turf until after the second or third mowing. Grass seed can be sown 3 to 4 weeks after application at recommended rate. Do not use on dichondra and carpetgrass.

The maximum application rate to turf is 1.3 pounds 2,4-D acid equivalent per acre per application per site. The maximum number of broadcast applications per treatment site is 2 per year.

BENTGRASS TURF: In closely mowed bentgrass (putting and bowling greens) apply Trimec® 891 Broadleaf Herbicide at a maximum rate of 1 fluid ounce 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. Large volumes of spray water (i.e., 1 fluid ounce in 5 gallons of water per 1,500 square feet) will aid in obtaining uniform coverage. If hand-type 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.

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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.

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