

1027

PM 23 2217-493

APR 25 1997

Mr. Craig Martens  
 PBI/Gordon Corporation  
 1217 West 12th Street  
 P.O. Box 14090  
 Kansas City, MO 64101

Dear Mr. Martens:

Subject: Label Amendment and Revised Basic CSF: Conversion from  
 a Manufacturing Use to an End Use Commercial Turf  
 Product  
 Trimec 869 Herbicide  
 EPA Registration No. 2217-493  
 Your Submission Dated April 1, 1997

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable provided that you:

1. Add a heading to the front paneling to read "For Sale To And Use By Commercial Applicators And Professional Landscapers Only. Not For Sale To Or Use By Homeowners."
2. Add the following Inhalation Statement of Practical Treatment:

"IF INHALED: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention."

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

The Confidential Statement of Formula (CSF), referred to above, submitted in connection with registration under the

RD:STANTON:PM Team 23:Rm. 235:CM-2:305-5218:Disk #5S521704

CONCURRENCES

|           |              |  |  |  |  |  |  |  |
|-----------|--------------|--|--|--|--|--|--|--|
| SYMBOL ▶  | 7505C        |  |  |  |  |  |  |  |
| SURNAME ▶ | S. Stanton   |  |  |  |  |  |  |  |
| DATE ▶    | Apr 25, 1997 |  |  |  |  |  |  |  |

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Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable. A copy of the CSF (Basic Formulation) dated 4/1/97, has been placed in our file for the subject product. This CSF supersedes the previously accepted CSFs for the subject product.

Sincerely yours,

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

Enclosure

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# TRIMEC® 869 HERBICIDE

MANUFACTURING CONCENTRATE

FOR FORMULATING USE ONLY.

NOT FOR RESALE — KEEP FROM FREEZING

**ACTIVE INGREDIENTS:**

|  |        |
|--|--------|
| *Dimethylamine Salt of 2-(2-methyl-4-chlorophenoxy)propionic acid..... | 21.78% |
| **Dimethylamine Salt of 2,4-dichlorophenoxyacetic acid.....            | 20.36% |
| ***Dimethylamine Salt of Dicamba (3,6-dichloro-o-anisic acid).....     | 2.06%  |

|                        |                |
|------------------------|----------------|
| INERT INGREDIENTS..... | 55.80%         |
| <b>TOTAL</b>           | <b>100.00%</b> |

**THIS PRODUCT CONTAINS:**

- \*1.69 lbs. 2-(2-methyl-4-chlorophenoxy) propionic acid equivalent per gallon or 17.99%
- \*\*1.59 lbs. 2,4-dichlorophenoxyacetic acid equivalent per gallon or 16.92%
- \*\*\*0.16 lbs. 3,6-dichloro-o-anisic acid equivalent per gallon or 1.71%

Isomer Specific by AOAC Methods.

TRIMEC® is a registered trademark of PBI/GORDON CORPORATION

**ACCEPTED  
with COMMENTS  
In EPA Letter Dated**

**APR 25 1997**

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

2217-493

## KEEP OUT OF REACH OF CHILDREN

## DANGER

### 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 one or two glasses of water. Induce vomiting by touching back of throat with finger. Call a physician at once. 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.

**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, egg whites, gelatin solution or if these are not available, drink large quantities of water. Avoid alcohol.

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

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

See side panel for Precautionary Statements.

**NET CONTENTS 2.5 15 30 or 55 U.S. GALLONS**

APXXXXX

EPA REG. NO. 2217-493

EPA EST. NO. 2217-KS-1

MANUFACTURED BY





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

**PRECAUTIONARY STATEMENTS**

**Hazards To Humans & Domestic Animals**

**DANGER:** Corrosive. Causes eye damage. Do not get in eyes, on skin or on clothing. Wear goggles or face shield, and rubber gloves when handling. If eye exposure occurs, get immediate medical attention. Harmful or fatal if swallowed. Avoid breathing vapor. Wash contaminated clothing before reuse. Wash thoroughly after handling.

**ENVIRONMENTAL HAZARDS:** This product is toxic to aquatic invertebrates. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or public waters unless this product is specifically identified and addressed in an NPDES permit. Do not discharge effluent containing this product to sewer systems without previously notifying the sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

**PRECAUTIONARY STATEMENTS**

**Hazards To Humans & Domestic Animals**

**DANGER:** Corrosive. Causes irreversible eye damage. Do not get in eyes or on clothing. May be fatal if swallowed. Harmful if absorbed through skin or if inhaled. Avoid contact with skin. Avoid breathing spray mist. When mixing, loading or applying this product, wear long-sleeved shirt, long pants, socks, shoes, chemical-resistant gloves, and eye protection. It is recommended that safety glasses include front, brow, and temple protection.

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 (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.

**ENVIRONMENTAL HAZARDS:**

This product is toxic to aquatic invertebrates. Drift or runoff may adversely affect aquatic invertebrates and nontarget plants. 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.

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 area until spray has dried.

To be formulated into herbicide products for use on residential and turf (excluding sod farms) only. Instructions must be followed in strict accordance with the manufacturer's recommendations for formulating use.

~~This product can only be used to formulate pesticide products if the labeling contains the following information and/or revised use directions. All products manufactured for residential and turf uses after June 15, 1994, must contain the revised label language below.~~

**GENERAL REQUIREMENTS FOR END USE PRODUCT LABELING**

- ~~1. Containers over 1 gallon and less than 5 gallons in capacity must bear the following statement: "Persons engaged in open pouring of this product must also wear coveralls or a chemical resistant apron."~~
- ~~2. Containers of 5 gallons or more in capacity must also bear the following statement: "A mechanical system (probe and pump) must be used for transferring the contents of this container. If the contents of a nonrefillable pesticide container are emptied, the probe must be rinsed before removal."~~

**SPECIFIC REQUIREMENTS FOR END USE PRODUCT LABELING**

**FOR RESIDENTIAL AND TURF USES**

- ~~a. **Clothing Requirement Statements:** 1) For All Granular Products: "When using this product, wear long sleeved shirt, long pants, socks and shoes." 2) Products registered for use on residential and other turf sites (excluding sod farms) by homeowners and other noncommercial users, and for commercial mixer/loader/applicators when the product is to be applied to a golf course, amine products applied in liquid form and carrying "CAUTION" signal word only must bear the following language: "When using this product, wear long sleeved shirt, long pants, socks, shoes and rubber gloves. 3) Products registered for use on residential and other turf sites (excluding sod farms) by homeowners and other noncommercial users, and for commercial mixer/loader/applicators when the product is to be applied to a golf course, amine products applied in liquid form and carrying "WARNING" or "DANGER" signal word only must bear the following language: "When using this product, wear long sleeved shirt, long pants, socks, shoes, rubber gloves and eye protection. It is recommended that safety glasses include front, brow and temple protection. 4) Products registered for use on residential and other turf sites (excluding sod farms) by commercial mixer/loader/applicators (except when the product is to be applied to a golf course), all products applied in liquid form and carrying "CAUTION" signal word only must bear the following language: "When mixing, loading, or applying this product, wear long sleeved shirt, long pants, socks, shoes and chemical-resistant gloves. 5) Products registered for use on residential and other turf sites (excluding sod farms) by commercial mixer/loader/applicators (except when the product is to be applied to a golf course), all products applied in liquid form and carrying "WARNING" or "DANGER" signal word only must bear the following language: "When mixing, loading, or applying this product, wear long sleeved shirt, long pants, socks, shoes, chemical resistant gloves and eye protection. It is recommended that safety glasses include front, brow and temple protection.~~
- ~~b. **Personal Hygiene Statements:** 1) For All Granular Products: "After using this product, remove clothing and launder separately before reuse, and promptly and thoroughly wash hands and exposed skin with soap and water." 2) For All Liquid Products: "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."~~
- ~~c. The maximum application rate to turf is the lower of: 1) existing application rate on currently registered label or 2) two pounds 2,4-D acid equivalent per acre per application per site. The maximum number of broadcast applications per treatment site is two per year.~~
- ~~d. The following reentry statement must be included: "Do not allow people (other than applicator) or pets on treatment area during application. Do not enter treatment area until spray has dried or dust has settled."~~

**STORAGE & DISPOSAL**

~~**STORAGE:** Store in original container in a locked storage area inaccessible to children or pets. Keep from freezing.~~

~~**PESTICIDE DISPOSAL:** Do not contaminate water, food, or feed by storage or 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:** 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.~~

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**LIMITED WARRANTY.**

Manufacturer warrants that the chemical composition conforms to the ingredient statement given on the label and that this product is suited for the labeled use when applied according to label directions. Because of widely varying use conditions, it is impossible to eliminate all risks even when label directions are followed.

**EXCLUSION OF OTHER WARRANTIES AND REMEDIES.** Except where such disclaimers and exclusions are specifically prohibited by applicable law. THE FOREGOING IS THE ONLY GUARANTEE OR WARRANTY APPLICABLE TO THIS PRODUCT AND IS GIVEN EXPRESSLY AND IN LIEU OF ALL OTHER WARRANTIES EXPRESSED OR IMPLIED OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, AND ALL SUCH WARRANTIES WHICH EXCEED OR DIFFER FROM SAID LIMITED WARRANTY ARE DISCLAIMED BY MANUFACTURER, and, upon Manufacturer's compliance with said limited warranty. BUYER SHALL HAVE NO REMEDY AGAINST MANUFACTURER FOR ANY TYPE OF DAMAGE OR LOSS, and, IN NO EVENT SHALL MANUFACTURER BE LIABLE FOR CONSEQUENTIAL DAMAGE OR LOSS.

**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.

**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 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.

**SITES -**

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 intended to be applied by lawn care operators, maintenance applicators, and service technicians 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 (golf courses), and office buildings. Ornamental sites include turfgrass established around residences, parks, streets, retail outlets, cemeteries, industrial 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.

**APPLICATION SCHEDULES -**

Apply this product to emerged broadleaf weeds that are actively growing. Sequential or follow-up applications may be required for dense infestations of perennial and biennial weeds. If required, the treatment interval between the first and second application should be 14 to 28 days.

**APPLICATION RATES -**

Dosage rates and spray volume recommendations of this product are presented in Table 1.

Generally, the lower application rates within the specified range will provide satisfactory control of sensitive weed species. The higher application rates within the specified range will be required for dense infestations of perennial weeds, for adverse/extreme environmental conditions, or for weeds beyond the appropriate growth stages.

The maximum application rate to turf is 1.25 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.

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**Table 1. Rate Recommendations for Ornamental Turfgrass.**

| Species  | Amount of Product |                    | Spray Volume |                     |
|--|-------------------|--------------------|--------------|---------------------|
|  | Pints/Acre        | Fl.oz./1000 sq.ft. | Gallons/Acre | Gallons/1000 sq.ft. |
| Kentucky Bluegrass   | 4.75 - 6.25       | 1.75 - 2.30        | 20 - 220     | 0.5 - 5.0           |
| Perennial Ryegrass   | 4.75 - 6.25       | 1.75 - 2.30        | 20 - 220     | 0.5 - 5.0           |
| Tall Fescue  | 4.75 - 6.25       | 1.75 - 2.30        | 20 - 220     | 0.5 - 5.0           |
| Fine leaf Fescues<br>Hard Fescues, Sheeps Fescue,<br>Red Fescue (Chevings Fescue,<br>Slender Creeping Fescue,<br>Spreading Fescue) | 4.75 - 6.25       | 1.75 - 2.30        | 20 - 220     | 0.5 - 5.0           |
| Creeping Bentgrass   | 2.3               | 0.85               | 20 - 220     | 0.5 - 5.0           |

**USE PRECAUTIONS:**

- ◆ Do not apply this product through any type of irrigation system.
- ◆ Avoid drift of spray mist to vegetables, flowers, ornamentals, shrubs, trees and other desirable plants. Do not pour spray solutions near these plants. Do not spray roots of ornamentals and trees. Be particularly careful within the drip line of trees and other ornamental species.
- ◆ Do not spray on St. Augustinegrass, centipedegrass, carpetgrass, dichondra, nor on lawns or turf where desirable clovers are present.
- ◆ Do not exceed specified dosages for any area.
- ◆ 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 at recommended rates.

This product controls a wide spectrum of weed species including the following:

| - WEEDS CONTROLLED - |               |              |
|----------------------|---------------|--------------|
| Bedstraw             | Henbit        | Purslane     |
| Black Medic          | Knotweed      | Ragweed      |
| Buckhorn             | Lambsquarters | Sheep Sorrel |
| Burdock              | Lespedeza     | Sheepspurse  |
| Chicory              | Mallow        | Speedwell    |
| Chickweed            | Morningglory  | Spurge       |
| Clover               | Peppergrass   | Wild Carrot  |
| Dandelion            | Pigweed       | Wild Garlic  |
| Dock                 | Plantain      | Wild Lettuce |
| Ground Ivy           | Poison Ivy    | Wild Onion   |
| Healall              | Poison Oak    | Yarrow       |

**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, tornados, 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.