

JUL 5 1995

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

Dear Dr. Armbruster:

SUBJECT: Label Amendment
Trimec Lawn Weed Killer
EPA Registration No. 2217-695
Your Application Dated January 31, 1995 Requesting
a Revision in the Eyewear Statements

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. Unless the product has been classified as Toxicity Category IV in all areas of acute toxicity, the appropriate Statements of Practical Treatment must appear on the labeling. Any of the following headings are acceptable: Statement of Practical Treatment, Practical Treatment, or First Aid. They should be grouped in close proximity to the other precautionary statements; however, they should be set apart of distinguishable from other label text. The following statements are for toxicity category III:

"IF SWALLOWED: Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. If person is unconscious, do not give anything by mouth and do not induce vomiting.

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

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

BEST COPY AVAILABLE

CONCURRENCES							
SYMBOL ▶	7505C						
SURNAME ▶	DMorgan						
DATE ▶	Jun 29, 1995						

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- 2. Under the Precautionary Statements, in the Hazards to Humans and Domestic Animals section the following comments apply:
 - a. In the eyewear statements (first paragraph), delete the statements and replace with the following: "When mixing, loading, or applying this product, wear long-sleeved shirt, long pants, socks, shoes, rubber gloves and eye protection (face shield, goggles or shielded safety glasses - safety glasses should include front, brow and temple protection)."
 - b. Move the following sentence to the Storage and Disposal section of the labeling: "Avoid contamination of food or feedstuffs."

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® LAWN WEED KILLER

FOR SOUTHERN OR NORTHERN GRASSES

For use on Southern Grasses including St. Augustinegrass, Centipedegrass, Bentgrass, Bahiagrass, and Bermudagrass.
and

For use on Northern Grasses including Kentucky bluegrass, perennial ryegrass, and the fescue species.

ACTIVE INGREDIENTS:

• Dimethylamine Salt of 2-(2-methyl-4-chlorophenoxy) propionic acid . . .	6.66%
•• Dimethylamine Salt of 2,4-Dichlorophenoxyacetic acid	1.91%
••• Dimethylamine Salt of Dicamba (3,6-dichloro-o-anisic acid)	0.81%
INERT INGREDIENTS	<u>90.62%</u>
TOTAL 100.00%	

THIS PRODUCT CONTAINS:

- 0.469 lb. 2-(2-methyl-4-chlorophenoxy) propionic acid equivalent per gallon or 5.50%
 - 0.135 lb. 2,4-Dichlorophenoxyacetic acid equivalent per gallon or 1.59%
 - 0.058 lb. 3,6-dichloro-o-anisic acid equivalent per gallon or 0.676%
- Isomer Specific by AOAC Methods.

TRIMEC® is a registered trademark of PBI/GORDON CORPORATION.

KEEP OUT OF REACH OF CHILDREN

CAUTION

See side panels for additional Precautionary Statements.

One Quart Covers Up To 8,000 Square Feet.

- KEEP FROM FREEZING -

NET CONTENTS ONE QUART

980/ APXXXXXX
 EPA REG. NO 2217-695
 EPA EST. NO 2217-KS-1
 Mfd. by PBI/GORDON CORPORATION
 KANSAS CITY, MISSOURI 64101

ACCEPTED
with COMMENTS
In EPA Letter Dated

JUL 5 1995

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 2217-695

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

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PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION: Harmful if swallowed. Avoid contact with eyes, skin or clothing. 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 using this product, wear long-sleeved shirt, long pants, socks, shoes and rubber gloves.

After using this product, rinse gloves thoroughly 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.

In case of contact, immediately flush eyes or skin with plenty of water. If irritation develops, get medical attention. Avoid contamination of food or feedstuffs.

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. 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 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 allow people (other than the applicator) or pets on treatment area during application. Do not enter treatment areas until spray has dried or dusts have settled.

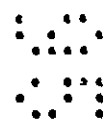
STORAGE & DISPOSAL

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

PRODUCT DISPOSAL: Securely wrap original container in several layers of newspaper and discard in trash.

CONTAINER DISPOSAL: Do not reuse container. Rinse thoroughly before discarding in trash.

OTHER USE PRECAUTIONS: Do not allow spray to drift onto vegetables, flowers, ornamental plants, shrubs, trees and other desirable plants since injury may result. Do not pour spray solutions near these plants. When using a hose-end sprayer or pressure sprayer, do not use fine sprays because they can drift and cause damage to non-target plants. Coarse spray droplets are less likely to wind-drift. Use only lawn-type sprayers. Do not spray roots of trees and ornamentals. Do not exceed specified dosages for any area; be particularly careful within dripline of trees and other ornamental species. This product may be injurious to St. Augustinegrass, bentgrass and centipedegrass under conditions of high temperature and moisture. Under these conditions or in cases of accidental overdose, some slight temporary discoloration of the St. Augustinegrass may occur.



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WHERE TO USE: TRIMEC® Lawn Weed Killer For Southern Or Northern Grasses is a combination of three proven weed killers—2,4-D, Mecoprop, and Dicamba. This formulation will control a wide range of broadleaf weeds in residential and ornamental lawns. Established turf of northern (cool season) and southern (warm season) grasses may be treated. The northern (cool season) turfgrasses include Kentucky bluegrass, perennial ryegrass and the fescues. The southern (warm season) turfgrasses include St. Augustinegrass, centipede-grasses, bentgrass, bahiagrass and bermudagrass.

WHEN TO USE: For best results spraying should be done when broadleaf weeds are young and actively growing. Older weeds will be harder to kill.

The maximum application rate to turf is 0.3 pounds 2,4-D acid equivalent per application per site. The maximum number of broadcast applications per treatment site is 2 per year.

1. Spray at any time during the growing season when weeds are actively growing, although spray works faster with temperatures above 70° F. To avoid damage do not apply to St. Augustinegrass or centipede-grass while emerging from winter dormancy. Damage may also occur on these grasses if temperatures drop below 45° F within 72 hours of application. Avoid spraying St. Augustinegrass when temperatures are above 90° F and under conditions of high humidity. Under these conditions or in cases of accidental overdose, some slight temporary discoloration of the St. Augustinegrass may occur.
2. Irrigate the lawn 2 or 3 days prior to spraying to ensure that weeds are growing and able to absorb the herbicide.
3. Mow 1 to 2 days before treating.
4. On new lawns, wait until the grass has reached a height of 2 inches before making a broadcast application. However, a "spot-treatment" may be made at any time with a pressure sprayer. Wait 3 weeks before seeding grass, planting sprigs or planting stolons.
5. Do not water for 24 hours after treatment.
6. Do not mow for 48 hours after treatment.

Poor weed control may result if spray is applied during drought or just before rain.

(Option 1) UNIT PACKAGING. (The entire contents of the container is to be applied in a single application. A siphon tube and a hose-end sprayer are attached to the immediate containers.)

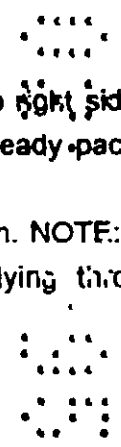
HOW TO USE: No mixing of this product with water is required. For the southern (warm season) grasses, apply the entire contents of this container (32 fluid ounces) on 8,000 square feet of turf. For the northern (cool season) grasses, apply the entire contents of the container (32 fluid ounces) on 6,000 square feet of turf. The assembly and application instructions are presented as follows:

ASSEMBLY INSTRUCTIONS:

1. Attach siphon tube to hose-end sprayer attachment.
2. Remove cap from bottle and insert sprayer attachment.
3. Securely tighten sprayer attachment on bottle.
4. Screw hose into hose-end sprayer attachment.

APPLICATION INSTRUCTIONS:

1. Turn on water. **TO START FLOW OF PRODUCT:** Place finger over hole on top right side of sprayer attachment. Hold about 3 feet above area to be treated, moving at a steady pace to ensure uniform coverage.
2. **TO STOP FLOW OF PRODUCT:** Remove finger from hole to break siphon action. **NOTE:** To ensure adequate coverage, use moderate to high water pressure when applying through hose-end sprayer attachment.



(Option 2) HOSE-END SPRAYERS:

HOW TO USE :

For southern (warm season) grasses, apply 4 fluid ounces of product per 1,000 square feet of turf. Refer to the spray preparation chart for southern grasses for areas larger than 1,000 square feet. Pour the recommended amount of product (Column 1) in bottle and add water to indicated level (Column 2), and spray on area shown in Column 3. For example, to spray 2,500 square feet measure 10 fluid ounces (20 tablespoons) in jar, add water to the 10 gallon level, and mix. Turn on water and spray uniformly over 2,500 square feet.

SOUTHERN GRASSES including St. Augustinegrass, centipedegrass, bentgrass, bahiagrass and bermudagrass.

Column 1		Column 2	Column 3
Amount of Product		Fill Bottle To	Area to Treat
(Tablespoons)	(Fluid Ounces)	(Gallons)	(Square Feet)
10	5	3	1,250
20	10	5	2,500
30	15	8	3,750
40	20	10	5,000

For Northern (cool season) grasses apply 5 1/3 fluid ounces per 1,000 square feet of established turf. Refer to the spray preparation charts for cool season grasses for areas larger than 1,000 square feet.

NORTHERN GRASSES including Kentucky bluegrass, perennial ryegrass and the fescue species.

Column 1		Column 2	Column 3
Amount of Product		Fill Bottle To	Area to Treat
(Tablespoons)	(Fluid Ounces)	(Gallons)	(Square Feet)
10	5	3	938
20	10	5	1,876
30	15	8	2,814
40	20	10	3,752

(Option 3)

FOR SMALL AREAS WITH KNAPSACK SPRAYERS, BACKPACK SPRAYERS, CART SPRAYERS, PRESSURE SPRAYERS OR OTHER MANUALLY OPERATED SPRAYERS: Determine the area by measuring and prepare the appropriate amount of spray mixture. Refer to the spray preparation charts for southern and northern grasses presented below.

SOUTHERN GRASSES including St. Augustinegrass, centipedegrass, bentgrass, bahiagrass and bermudagrass.

Amount of Product		Water Volume	Area to Treat
(Tablespoons)	(Fluid Ounces)	(Gallons)	(Square Feet)
8	4	1	1,000
24	12	3	3,000

NORTHERN GRASSES including Kentucky bluegrass, perennial ryegrass and the fescue species.

Amount of Product		Water Volume	Area to Treat
(Tables, Jons)	(Fluid Ounces)	(Gallons)	(Square Feet)
10 2/3	5 1/3	1	1,000
32	16	3	3,000

FOR SPOT TREATMENTS OF INDIVIDUAL WEEDS IN SOUTHERN OR NORTHERN TURFGRASSES: Mix 2 fluid ounces of product with 1 gallon of water. Thoroughly wet individual weeds. Do not use hose-end applicators for spot treatments.

WEEDS			
Bedstraw	Galingosa	Peppergrass	Thistle
Black Medic	Ground Ivy	Pigweed	Velvetleaf
Buckhorn	Hawkweed	Plantain	Wild Garlic
Bull Thistle	Heal-All	Poison Ivy	Wild Lettuce
Burdock	Henbit	Poison Oak	Wild Onion
Buttercup	Knotweed	Purslane	Wild Carrot
Chickweed	Lambsquarters	Ragweed	Yarrow
Chicory	Lespedeza	Sheep Sorrel	and many other
Clover	Mallow	Shepherdspurse	broadleaf
Cocklebur	Morningglory	Speedwell	lawn weeds
Dandelion	Mustard	Spurge	
Dock	Oxalis	Tansy Mustard	

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.