

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

25 JUN 1992

James A. Armbruster, Ph.D.
PBI/Gordon Corporation
P.O. Box 4090
1217 West 12th Street
Karsas City, MO 64101

Dear Dr. Armbruster:

Subject: Revised Label Text and Product Name Change
Trimec Lawn Weed Killer for Southern or Northern Grasses
EPA Registration No. 2217-695
Your Submission Dated April 17, 1992

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

- 1) The statements of practical treatment should be removed from the Precautionary Statements section and placed under the separate heading of "Statement of Practical Treatment."
- 2) We acknowledge the proposed name change and now recognize the official name of this product to be "Trimec Lawn Weed Killer for Southern or Northern Grasses." Please use this name in all future correspondences with the Agency regarding this product. Please note that the previous name is still referred to in the "Where to Use" section of this labeling.

A stamped copy is enclosed for your records. Please submit five (5) final printed copies for the referenced label, incorporating the above changes.

Sincerely yours,

Joanne I. Miller
Product Manager (23)
Fungicide-Herbicide Branch
Registration Division (H7505C)

Enclosure

CONCURRENCES

SYMBOL	H7505C						
SURNAME	D. KENNY						
DATE	6/24/92						

TRIMEC^(R) 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	90.62%
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%

KEEP OUT OF REACH OF CHILDREN

CAUTION

See side panels for additional Precautionary Statements.

TRIMEC^(R) is a registered trademark of PBI/GORDON CORPORATION.

One Quart Covers Up To 8,000 Square Feet.

- KEEP FROM FREEZING -

NET CONTENTS ONE QUART

980/492 APxxxxxx
 EPA REG. NO 2217-695
 EPA EST. NO 2217-KS-1
 Mfd. by PBI/GORDON CORPORATION
 KANSAS CITY, KS 66118

25 JUN 1992
 of the Federal Insecticide, Fungicide, and Rodenticide Act
 registered for the pesticide
 registered under EPA Reg. No.
 2217-695

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

PRECAUTIONARY STATEMENTS

Hazards to Humans & Domestic Animals

CAUTION: Harmful if swallowed. Avoid contact with eyes, skin or clothing. Wear long pants, long-sleeved shirt, shoes and gloves when mixing, loading or applying this product. Wear face shield or goggles when mixing, loading or applying this product. When handling this product, wear chemical resistant gloves. In case of contact, immediately flush eyes with plenty of water; for skin, wash with soap and 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, 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. Do not contaminate domestic or irrigation waters.

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 reenter or permit others to reenter treated areas until sprays have dried or dusts have settled.

STORAGE: Keep from freezing. Do not store near food or feedstuffs. Store in original container and place in locked storage area when not using.

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. Whether 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.

WHERE TO USE: TRIMEC^(R) Lawn Weed Killer For Southern 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, centipedegrasses, 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.

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 centipedegrass 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 contents of the container is to be applied in a single application. A siphon tube and a hose-end applicator 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 this 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 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 Amount of Product (Tbsp.) (Fl. Ozs.)		COLUMN 2 Fill Bottle To: (Gallons)	COLUMN 3 Area To Treat: (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 of product 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 Amount of Product (Tbsp.) (Fl. Ozs.)		COLUMN 2 Fill Bottle To: (Gallons)	COLUMN 3 Area To Treat: (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
Tablespoons	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	Galinsoga	Peppergrass	Thistle
Black Medic	Ground Ivy	Figweed	Velvetleaf
Buckhorn	Hawkweed	Plantain	Wild Carrot
Bull Thistle	Heal-All	Poison Ivy	Wild Garlic
Burdock	Henbit	Poison Oak	Wild Lettuce
Buttercup	Knotweed	Purslane	Wild Onion
Chicory	Lambsquarter	Ragweed	Yarrow
Chickweed	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.