

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

18 MAR 1993

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

Dear Dr. Armbruster:

Subject: Revised Label Text
St. Augustine Grass Broadleaf Herbicide
EPA Registration No. 2217-570
Your Submission Dated June 18, 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) Due to new EPA policy, part of the Environmental Hazards section has been changed. To comply, change the sentence "Do not apply to water or wetlands (swamps, bogs, marshes and potholes)" to read "Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark."
- 2) The groundwater contamination statement, currently within the Directions for Use, should be relocated. It belongs directly beneath the Environmental Hazards statement.
- 3) Rewrite the third sentence in the Precautionary Statements to read, "Wear long pants, long-sleeved shirt and shoes when mixing, loading or applying this product."

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

Sincerely yours,

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

CONCURRENCES

SYMBOL	2217-570	H7505C					
SURNAME		J. I. Miller					
DATE		3/18/93					

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AFTER TEXT

GORDON'S TRIMEC(R) "ST. AUGUSTINE GRASS" BROADLEAF HERBICIDE

A TRIMEC(R) TURF HERBICIDE FORMULATION

CONTROLS DANDELION, CHICKWEED, KNOTWEED, PLANTAIN, HENBIT, SPURGE
and many other broadleaf lawn weeds; some of which are shown on the side panel.

ONE QUART COVERS UP TO 12,800 SQUARE FEET

-- KEEP FROM FREEZING --

MSCP
2500
ACTIVE INGREDIENTS:

* Dimethylamine Salt of 2-(2-methyl-4-chlorophenoxy) propionic acid	10.60%
** Dimethylamine Salt of 2,4-Dichlorophenoxyacetic acid	3.05%
*** Dimethylamine Salt of Dicamba (3,6-dichloro-o-anisic acid)	1.30%
INERT INGREDIENTS	85.05%
TOTAL	100.00%

THIS PRODUCT CONTAINS:

- *0.75 lb. 2-(2-methyl-4-chlorophenoxy) propionic acid equivalent per gallon or 8.76%
- **0.22 lb. 2,4-Dichlorophenoxyacetic acid equivalent per gallon or 2.53%
- ***0.093 lb. 3,6-dichloro-o-anisic acid equivalent per gallon or 1.08%

Isomer Specific by AOAC Method 6.DO1-5.

KEEP OUT OF REACH OF CHILDREN

CAUTION

See side panels for additional Precautionary Statements.

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

13 MAR 1993

NET CONTENTS ONE U.S. GALLON

880/692 AP061892
 EPA REG. NO. 2217-570
 EPA EST. NO. 2217-KS-1
 Mfd. by PBI/GORDON CORPORATION
 KANSAS CITY, KS 66118

2217-570

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

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PRECAUTIONARY STATEMENTS

Hazards to Humans & Domestic Animals:

CAUTION: Harmful if swallowed. Avoid contact with eyes, skin or clothing. Wear long pants, long-sleeved shirt and shoes when 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.

This is the details ad

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 wetlands (swamps, bogs, marshes, and potholes). Do not contaminate water when disposing of equipment washwaters. Do not contaminate domestic or irrigation waters. Do not apply when weather conditions favor drift from target area.

make labels

POLICY
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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.

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~~ workers to reenter treated areas until sprays have dried or dusts have settled.

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.

STORAGE & 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 other herbicides, fertilizers, insecticides, fungicides, or near seeds.

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.

OTHER USE PRECAUTIONS: Do not apply this product through any type of irrigation system. 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 on carpetgrass, dichondra, nor on lawns or turf where desirable clovers are present. Do not spray roots of trees and ornamentals. Do not exceed specified dosages for any area; be particularly careful with dripline of trees and other ornamental species. Avoid spraying St. Augustine grass when temperature is above 90°F and under conditions of high humidity. Under these conditions, some slight temporary discoloration of the St. Augustine foliage may occur. This product may be injurious to St. Augustine, bent and centipede grasses in cases of accidental overdose.

diff. with spray

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WHAT IT IS, WHERE & HOW TO USE IT: Gordon's "St. Augustine Grass" Broadleaf Herbicide is a TRIMEC^(R) turf herbicide formulation, a combination of three proven weed killers -- 2,4-D, Mecoprop and Dicamba. Together, they control a wide range of broadleaf lawn weeds. This particular formulation is low in 2,4-D for maximum safety to 2,4-D sensitive grasses such as St. Augustinegrass, bentgrass and buffalograss. Spraying should be done when broadleaf weeds are small and tender for best results.

1. Irrigate the lawn 2 or 3 days prior to spraying. Do not spray lawns under drought conditions.
2. Do not water for 24 hours after treatment.
3. To avoid damage do not apply to St. Augustine or centipede grasses while emerging from winter dormancy. Damage may also occur on these grasses if temperatures drop below 45° F within 72 hours of application.

wildly

ST. AUGUSTINEGRASS, BENTGRASS & BUFFALOGRASS: Mix 1 ounce in 1 gallon water and uniformly spray 400 square feet. If necessary, repeat treatment in 2 to 3 weeks if hard-to-kill weeds persist.

BERMUDAGRASS, BAHIAGRASS, BLUEGRASS, CENTIPEDEGRASS, FESCUE & RYEGRASS: Mix 1-1/2 ounces in 1 gallon water and uniformly spray over 400 square feet. On hard-to-kill species, or on older weeds, mix 2 ounces in 1 gallon water and spray on 400 square feet.

- WEEDS -

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

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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(Option A)

GORDON'S TRIMEC^(R) "ST. AUGUSTINE GRASS"

BROADLEAF HERBICIDE

- SUPPLEMENTAL LABEL -

See primary label on container for precautionary statements and Statement of Practical Treatment.

HOSE-END SPRAYER INSTRUCTIONS: Use a hose-end sprayer designed for lawns. Put recommended amount of chemical (Column 1) in bottle and add water to indicated level (Column 2) and apply spray uniformly to area indicated (Column 3).

For Bluegrass, Fescue, Ryegrass, Bermudagrass, Bahiagrass, Centipedegrass:

Product		Water	Area to Treat: (Sq. Feet)
Amt. to Use: (Tbsp)	(Floz)	Fill Bottle to: (Gallons)	
8	4	8	1000
16	8	16	2000
24	12	24	3000
32	16	32	4000

For St. Augustinegrass, Bentgrass and Buffalograss:

Product		Water	Area to Treat: (Sq. Feet)
Amt. to Use: (Tbsp)	(Floz)	Fill Bottle to: (Gallons)	
5.0	2.5	5.0	1000
10.0	5.0	10.0	2000
15.0	7.5	15.0	3000
20.0	10.0	20.0	4000
25.0	12.5	25.0	5000

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(Option B)

GORDON'S TRIMEC^(R) "ST. AUGUSTINE GRASS"

BROADLEAF HERBICIDE

- SUPPLEMENTAL LABEL -

See primary label on container for precautionary statements and Statement of Practical Treatment.

HOSE-END SPRAYER INSTRUCTIONS: Use a hose-end sprayer designed for lawns. Put recommended amount of product (Column 1) in bottle and add water to indicated level (Column 2) and apply spray uniformly to area indicated (Column 3).

For Bluegrass, Fescue, Ryegrass, Bermudagrass, Bahiagrass, Centipedegrass:

Product Amount to Use: (Fluid Ounces)	Water Fill Bottle to: (Gallons)	Area to Treat: (Square Feet)
1 1/2	1	400
3	2	800
6	4	1600
9	6	2400

For St. Augustinegrass, Bentgrass and Buffalograss:

Product Amount to Use: (Fluid Ounces)	Water Fill Bottle to: (Gallons)	Area to Treat: (Square Feet)
1	1	400
2	2	800
4'	4	1600
6	6	2400