

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

25 JUN 1992

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
Trimec 992 Broadleaf Herbicide
EPA Registration No. 2217-656
Your Submission Dated June 11, 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 statement "Do not contaminate water, food, or feed by storage or disposal" should be removed from the Pesticide Disposal section and placed directly beneath the Storage and Disposal heading, since it deals with both storage and disposal.
- 2) Under the Pesticide Disposal section, change the sentence "Pesticide wastes are toxic" to read "Pesticide wastes are acutely hazardous."
- 3) If the Precautionary Statements occur other than on the front panel in the final printed labeling, a referral statement should be added directly beneath the Statement of Practical Treatment to indicate their location.

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. KENN						
DATE	6/25/92						

TRIMEC^(R) 992 BROADLEAF HERBICIDE

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

ONE GALLON COVERS UP TO 2 1/2 ACRES

- 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 50.33%
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 13.5 %.
- ***0.22 lb. 3,6-dichloro-o-anisic acid equivalent per gallon or 2.30%.

*Isomer Specific by AOAC Methods.

TRIMEC^(R) is a trademark of PBI/Gordon Corporation.

KEEP OUT OF REACH OF CHILDREN

DANGER BEST AVAILABLE COPY

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 ON SKIN: Wash promptly with soap and water. Rinse thoroughly. If irritation develops, get medical attention.

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.

See side panels for additional Precautionary Statements.

NET CONTENTS 55 U.S. GALLONS

992/692 APxxxxxx

EPA REG NO 2217-656

EPA EST NO 2217-KS-1

Mfd. by PBI/GORDON CORPORATION

KANSAS CITY, KANSAS 64116

ACCEPTED

with COMMENTS

DATE: 25 JUN 1981

25 JUN 1981

2217-656

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

PRECAUTIONARY STATEMENTS

Hazards to Humans & Domestic Animals:

DANGER: Corrosive, causes eye damage and skin irritation. Do not get into eyes, on skin or on 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. Harmful or fatal if swallowed.

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

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: 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.

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 on carpetgrass, dichondra, nor on lawns or turf where desirable flowers are present.

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Use only lawn-type sprayers. Coarse sprays are less likely to "wind-drift." Use coarse spray droplets. Avoid fine mists. Do not spray roots of ornamentals and trees. Do not exceed specified dosages for any area. Be particularly careful within the dripline of trees and other ornamental species. Do not apply to newly seeded grasses until well established. Do not spray when air temperature exceeds 85 °F. Seeds can be safely sown 3 to 4 weeks after application at recommended rates. 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.

- ORNAMENTAL LAWN & TURF INSTRUCTIONS -

WHERE TO USE:

TRIMEC 992 is intended to be applied by lawn care operators and landscape personnel 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 (excluding 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.

HOW MUCH TO USE:

FOR KENTUCKY BLUEGRASS, FESCUE spp., AND PERENNIAL RYEGRASS, apply 3.0 to 4.0 pints of TRIMEC 992 per acre with spray volumes ranging from 20 to 220 gallons per acre. The equivalent application rate would be 1.1 to 1.5 fluid ounces of TRIMEC 992 per 1,000 square feet with spray volumes ranging from 0.5 to 5 gallons per 1,000 square feet of turf. For mature weeds, apply 3.25 to 4.0 pints of TRIMEC 992 per acre.

FOR CLOSELY MANAGED BENTGRASS, apply a maximum rate of 1.8 pints of TRIMEC 992 per acre with spray volumes greater than 145 gallons per acre. The equivalent application rate would be 1.0 fluid ounce of Trimec 992 mixed with 5 gallons of water and applied to 1,500 square feet.

NOTE: Care should be taken to avoid overdosing bentgrass or injury may result. High spray volumes will provide 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.

FOR ST. AUGUSTINEGRASS, apply 2.3 pints of TRIMEC 992 per acre with spray volumes ranging from 40 to 150 gallons per acre. The equivalent application rate would be 1.3 fluid ounces of TRIMEC 992 in 5 gallons of water per 1,500 square feet. Do not spray St. Augustinegrass when stressed from heat or drought. Slight turf yellowing should disappear after about one week.

NOTE: Care should be taken to avoid overdosing St. Augustinegrass or injury may result. High spray volumes will provide 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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REFER TO THE CHART BELOW FOR ADDITIONAL APPLICATION INSTRUCTIONS.

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APPLICATION METHODS	REMARKS
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A. KENTUCKY BLUEGRASS, FESCUE spp., AND PERENNIAL RYEGRASS.

Conventional Equipment: 1,000	Use 20 to 80 gallons of water per acre. (0.5 to 2 gallons water per square feet.)
Professional Lawn Maintenance:	Use 0.5 to 5 gallons of water per 1,000 square feet. Higher spray volumes may be used when tank-mixed with a turf fertilizer. Follow fertilizer labels for proper amounts to add.
Controlled Droplet Applicators (CDA):	Reduced rates of TRIMEC 992 must be used when grass is stressed from heat or drought. Add 2 pints TRIMEC 992 to the Herbi container then fill with 3 pints of water. Keeping the container agitated, spray entire contents over 33,000 square feet (approximately 3/4 acre). Do not overlap between spray patterns. Do not use this application rate on warm season grasses.

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B. CLOSELY MANAGED BENTGRASS

On closely managed bentgrass (e.g. bowling greens) apply TRIMEC 992 at a maximum rate of one fluid ounce in 5 gallons of water per 1,500 square feet -- preferably in May or mid-August through September. Slight turf yellowing will disappear after about one week. (See Note.)

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C. ST. AUGUSTINEGRASS.

Apply TRIMEC 992 at 2.3 pints in up to 150 gallons of water per acre (1.3 fluid ounces TRIMEC 992 in 5 gallons of water per 1,500 square feet). Do not spray St. Augustinegrass when stressed from heat or drought. Slight turf yellowing should disappear after about one week. (See Note.)

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NOTE: Care should be taken to avoid overdosing bentgrass and St. Augustinegrass or injury may result. High spray volumes 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.

TRIMEC 992 CONTROLS:

Bedstraw	Henbit	Purslane
Black Medic	Knotweed	Ragweed
Buckhorn	Lambsquarter	Sheep Sorrel
Burdock	Lespedeza	Shepherdspurse
Chicory	Mallow	Speedwell
Chickweed	Morningglory	Spurge
Clover	Peppergrass	Wild Carrot
Dandelion	Pigweed	Wild Garlic
Dock	Plantain	Wild Lettuce
Ground Ivy	Poison Ivy	Wild Onion
Heal-All	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, 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.