

PH 23 2217-543 ps 186
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

NOV 13 1990

Mr. James A. Armbruster
1217 West 12th Street
P.O. Box 4090
Kansas City, Missouri 64101

Dear Mr. Armbruster:

Subject: Label Amendment, deletion of St. Augustine grass under
Ornamental Lawns & Turf section

Trimec Herbicide
EPA Registration Number 2217-543
Your Submission Dated September 21, 1990

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

1. Add the sentence "Isomer Specific by AOAC Method 6.D01-5" after acid equivalent statement.

A stamped copy of this labeling is enclosed for your records. Three (3) copies of final printed labeling incorporating this amendment, and with the change stated above must be submitted prior to releasing the product for shipment.

Sincerely yours,

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

Enclosure

CONCURRENCES							
SYMBOL	H7505C						
SURNAME	Rebbins						
DATE	11/13/90						

736
AFTER

TRIMEC(R) HERBICIDE
A BROADLEAF WEED & BRUSH KILLER

KILLS: Dandelion, Chickweed, Knotweed, Plantains, Henbit, Spurge, Ash, Aspen, Brambles, Kudzu, Oak, Willows and many other species of broadleaf weeds and brush; some of which are listed on this label.

— ONE GALLON COVERS 2 TO 2 1/2 ACRES —
KEEP FROM FREEZING

ACTIVE INGREDIENTS:

*Dimethylamine Salt of 2,4-Dichlorophenoxyacetic acid	25.93%
**Dimethylamine Salt of 2-(2-methyl-4-chlorophenoxy) propionic acid	13.85%
***Dimethylamine Salt of Dicamba (3,6-dichloro-o-anisic acid)	2.76%
INERT INGREDIENTS	57.46%
TOTAL	100.00%

THIS PRODUCT CONTAINS:

- *2.03 lbs. 2,4-Dichlorophenoxyacetic acid equivalent per gallon or 21.54%
- **1.08 lbs. 2-(2-methyl-4-chlorophenoxy) propionic acid equivalent per gallon or 11.45%
- ***0.21 lb. 3,6-dichloro-o-anisic acid equivalent per gallon or 2.29%

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 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 additional Precautionary Statements elsewhere on this label.

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

NET CONTENTS U.S. GALLONS

881,883,885,886,888/590 AP052582++
EPA REG. NO. 2217-543
EPA EST. NO. 2217-KS-1
Mfd. by PBI/GORDON CORPORATION
KANSAS CITY, KS 66118

ACCEPTED
with COMMENTS
by EPA Letter Dated

NOV 18 1980

1

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

2217-543

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

366

PRECAUTIONARY STATEMENTS

Hazards to Humans & Domestic Animals

DANGER: Corrosive, causes eye damage and skin irritation. Do not get in eyes, on skin or on clothing. Harmful if swallowed or inhaled. 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. Avoid exposure to spray mist. Wash thoroughly after handling.

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 away from target area.

When cleaning of 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 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

— KEEP FROM FREEZING —

STORAGE: Store in original container in a locked storage area. To prevent cross-contamination, do not store near other pesticides, fertilizers, or seeds, food or feed.

PRODUCT 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

416
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 incineration, or, if allowed by other procedures approved by state and local authorities.

USE PRECAUTIONS/BROADLEAF WEEDS IN ORNAMENTAL LAWNS & TURF:

Do not apply this product through any type of irrigation system. Avoid drift of spray mist to vegetables, flowers, ornamental plants, shrubs, trees and other desirable plants. Do not pour spray solutions near desirable plants. Do not use on carpetgrass, dichondra, nor on lawns or turf where desirable clovers are present. Use only lawn-type sprayers. Avoid fine sprays; coarse sprays are less likely to wind-drift. Do not spray roots of ornamentals and trees. Do not exceed specified dosages for any area; be particularly careful within the dripline of tree and other ornamental species. Do not apply to newly seeded grasses until well established. Do not spray when air temperature exceeds 85°F. Seed can be safely sown 3 to 4 weeks after application. Some injury can be expected to turf when used on centipede or St. Augustine grass lawns. "Spot-spray" weeds on these types of grasses to avoid possible damage that could occur from an overall spraying. After using this product, clean sprayer with soap or detergent and rinse thoroughly before using other pesticides in it. Care should be taken not to make applications where runoff could contaminate bodies of water or spray drift could carry the chemical to food crops or grazing lands where cattle, sheep, goats, swine or poultry would be exposed.

ORNAMENTAL LAWNS & TURF (cool season grasses other than closely-mowed Bentgrass): Maximum kill of weeds will be obtained from spring or early fall applications when weeds are actively growing. Avoid spraying during long, excessively dry or hot periods unless adequate irrigation is available. Do not irrigate within 24 hours after application. Do not apply to newly seeded turf until after the second or third mowing. Grass seed can be safely sown 3 to 4 weeks after application at recommended rates. Do not use on dichondra and carpetgrass.

General Application: Apply at the rate of 3 1/4 to 4 pints in 20 to 260 gallons of water per acre (1.2 oz. to 1.5 oz. in 1 to 6 gallons of water per 1,000 square feet). Use higher rates when using the higher volume of water per acre.

Controlled Droplet Applicator: Add 2 1/2 pints to the HERBI container and fill with water. Spray contents of 33,000 square feet. Avoid overlapping between spray patterns.

Bentgrass Turf: On closely-mowed bentgrass (putting greens, bowling greens, and show lawns), apply at the maximum rate of 1 oz. per 1,500 square feet in 5 gallons of water. Do not apply when grass is under stress from drought or hot temperatures. Use only application equipment that is capable of distributing a uniform droplet over the entire area to be sprayed. Slight yell-

lowing of turf will disappear after about one week.

556

Note: Care should be taken to avoid overdosing bentgrasses or injury may result. If hand-type sprayers are used it is preferable to use a single nozzle sprayer rather than a multiple nozzle boom as sideways application with a boom where the spray from more than one nozzle is allowed to fall on the same area will result in heavy local overapplication and subsequent turf discoloration or injury.

USE PRECAUTIONS/BRUSH & BROADLEAF WEEDS ALONG ROADS, RIGHTS-OF-WAYS, DRAINAGE DITCH BANKS & OTHER SIMILAR NON-CROP AREAS:

Do not apply this product through any type of irrigation system. Avoid spray drift to cotton, soybeans, tomatoes, tobacco, grapes, fruit trees, flowers or garden crops, and all other hormone herbicide-sensitive desirable plants. Do not apply near sensitive plants since small quantities of wind-drifted herbicides may cause severe injury. Do not apply in areas underlaid by roots of desirable trees and shrubs. Do not apply herbicide when wind speed is sufficient to cause drift. Do not apply herbicides when a temperature air inversion exists. An air inversion may be detected by creating a smoke column and observing for a layering effect. Do not apply when temperature exceeds 85 degrees F and humidity is high. To aid in avoiding spray drift, use coarse sprays and lower pressure. Do not use nozzles which produce fine spray droplets under high pressure. The use of thickening agents or antidrift additives and drift-reducing equipment is of value in preventing spray drift. Care should be taken not to make applications where runoff could contaminate bodies of water or spray drift could carry the chemical to food crops or grazing lands where cattle, sheep, goats, swine or poultry would be exposed.

BRUSH & BROADLEAF WEEDS ALONG ROADSIDES, RIGHTS-OF-WAYS, DRAINAGE DITCH BANKS & OTHER SIMILAR NON-CROP AREAS:

To effectively control brush, all leaves, stems and suckers must be thoroughly wetted to the ground. Apply when plants come into full leaf (spring) to the time plants begin to go dormant. Best results, however, will be obtained when brush and weeds are young and actively growing. Do not cut brush or weeds until the herbicide has translocated throughout the plant causing root death.

General Application: Mix 3/4 to 1 gallon in 30 to 100 gallons of water per acre (2.25 oz. to 3 oz. in 1 to 3 gallons of water per 1,000 square feet). Heavy dense stands of brush and weeds may require the high rate with the high water volume. Use only application equipment that is capable of distributing a uniform droplet over the entire area to be sprayed.

BRUSH:

Ash	Elms	Oak
Aspen	Gooseberry	Shortleaf Pine
Birches	Honey Locust	Thistle
Black Cherry	Kudzu	Willows
Brambles	Multiflora Rose	

WEEDS:

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	Plantains	Wild Lettuce
Ground Ivy	Poison Ivy	Wild Onion
Heal-All	Poison Oak	Yarrow

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.