

2217-710

02/24/2009

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

PBI/Gordon Corporation
1217 West 12th Street
Kansas City, Missouri 64101

FEB 24 2009

Subject: EPA Reg. 2217-710 / Trimec LAF 637 Broadleaf Herbicide / RED Label Amendment: 2,4-D

The labeling referred to above is in compliance with the 2,4-D RED and is amended under the RED provided that you:

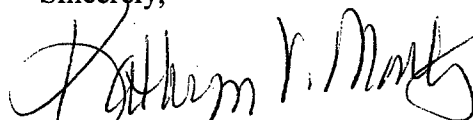
- 1) Submit and/or cite all data required for registration/reregistration review of your product when the Agency requires all registrants of similar products to submit data.
- 2) Please note: Final product reregistration can't be considered until after all active ingredients in this product are eligible for reregistration.
- 3) To the PPE section delete "(except for applicators using ground boom equipment)".
- 4) Add "Aerial application is prohibited".
- 5) Under the Limitations on broadcast treatments for ornamental turfgrass section, revise the maximum application rate from "3.7 pints of product per acre per application" to read "3.6 pints of product per acre per application." Revise the maximum seasonal rate to read "7.2 pints of product per acre" and delete "excluding spot treatments". Revise the maximum rate from "1.4 fl. oz. per 1000 sq. ft. per application" to read "1.3 fl. oz. per 1000 sq. ft. per application".
- 6) To the label add "Use of this product in certain portions of California, Oregon, and Washington is subject to the January 22, 2004 Order for injunctive relief in Washington Toxics Coalition, et. al. v. EP, C01-0132C, (W.D. WA). For further information, please refer to <http://www.epa.gov/espp/>".
- 7) To the Warranty section add "to the extent consistent with applicable law" in front of "the exclusive remedy" and "in no case shall".

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- 8) To the Environmental Hazard Statements replace "may be" with "is".
- 9) Change "recommended rate" to "application rate".

Submit one copy of the revised final printed label for the record. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records. If you have any questions please call Erik Kraft at 703-308-9358 or email at Kraft.Erik@epa.gov.

Sincerely,



Joanne Miller
Product Manager 23
Herbicide Branch
Registration Division (7505P)



TRIMEC® LAF 637 BROADLEAF HERBICIDE

EPA Reg. No. 2217-710

ACTIVE INGREDIENT:

Dimethylamine salt of 2,4-dichlorophenoxyacetic acid	41.08%
Dimethylamine salt of (+)-(R)-2-(2-methyl-4-chlorophenoxy)propionic acid	6.95%
Dimethylamine salt of dicamba (3,6-dichloro-o-anisic acid)	1.67%

INERT INGREDIENTS:	50.30%
TOTAL	100.00%

THIS PRODUCT CONTAINS:

3.28 lbs. 2,4-dichlorophenoxyacetic acid equivalent per gallon or 34.12%

0.55 lbs. (+)-(R)-2-(2-methyl-4-chlorophenoxy)propionic acid equivalent per gallon or 5.71%

0.13 lbs. 3,6-dichloro-o-anisic acid equivalent per gallon or 1.39%

Isomer Specific by AOAC Method.

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

ACCEPTED

WITH COMMENTS

In EPA Letter Dated:

FEB 24 2009

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

KEEP OUT OF REACH OF CHILDREN

DANGER

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

2217-710

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

DANGER: Corrosive. Causes irreversible eye damage. Harmful if swallowed. Do not get in eyes, on skin, or on clothing. Harmful if absorbed through skin. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

Personal Protective Equipment (PPE)

Some materials that are chemical-resistant to this product are natural rubber. If you want more options, follow the instructions for category A on an EPA chemical-resistance category selection chart.

All mixers, loaders, applicators and other handlers must wear:

- protective eyewear,
- long-sleeved shirt and long pants,
- shoes and socks,
- chemical-resistant gloves (except for applicators using ground boom equipment) and,
- chemical-resistant apron when mixing or loading, cleaning up spills or equipment, or otherwise exposed to the concentrate.



User Safety Requirements

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry. Discard clothing and other absorbent material that have been drenched or heavily contaminated with the product's concentrate. Do not reuse them.

User Safety Recommendations	
<ul style="list-style-type: none"> • Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. • Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. If pesticide gets on skin, wash immediately with soap and water. • Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing. 	

First Aid	
If in eyes:	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15 - 20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
If on skin:	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15 - 20 minutes. • Call a poison control center or doctor for treatment advice.
If swallowed	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by the poison control center or doctor. • Do not give anything by mouth to an unconscious person.
If inhaled:	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. • Call a poison control center or doctor for treatment advice.
<p>Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact 1-877-800-5556 for emergency medical treatment advice.</p> <p>NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.</p>	

Environmental Hazards

This pesticide may be toxic to fish and aquatic invertebrates and may adversely affect non-target plants. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. Do not contaminate water when disposing of equipment wash waters or rinsate.

This chemical has properties and characteristics associated with chemicals detected in groundwater. The use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination. Application around a cistern or well may result in contamination of drinking water or groundwater.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

GENERAL PRECAUTIONS AND RESTRICTIONS:

- Do not enter or allow people (or pets) to enter the treated area until sprays have dried.
- Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application.
- Not for use on turf being grown for sale or other commercial use as sod, or for commercial seed production, or for research purposes.
- Do not apply this product through any type of irrigation system.
- Do not spray on carpetgrass, dichondra nor on lawns or turf where desirable clovers are present.
- Use only lawn type sprayers. Do not exceed specified dosages for any area.
- Do not apply to newly seeded grasses until well established.
- Do not broadcast apply when air temperatures exceed 85°F; some injury may be expected with spot treatments when air temperatures exceed 85°F.
- Seed can be sown 3 to 4 weeks after application at recommended rate.
- After using this product, clean sprayer with soap or detergent and water, and rinse thoroughly before applying other pesticides.
- Do not use this product on or near desirable plants, including contact of spray on exposed root systems or adventitious shoots within the drip line of desirable trees and shrubs, since injury may result.

TRIMEC® LAF 637 CONTROLS:			
Bedstraw	Ground ivy	Peppergrass	Shepherdspurse
Black medic	Healall	Pigweed	Speedwell
Buckhorn	Henbit	Plantain	Spurge
Burdock	Knotweed	Poison ivy	Wild carrot
Chicory	Lambsquarters	Poison oak	Wild garlic
Chickweed	Lespedeza	Purslane	Wild lettuce
Clover	Mallow	Ragweed	Wild onion
Dandelion	Morningglory	Sheep sorrel	Yarrow
Dock			

ORNAMENTAL LAWNS AND TURF:

Apply Trimec® LAF 637 Broadleaf Herbicide at the rate of 2.3 to 3.7 pints per acre in sufficient water for adequate coverage. Maximum control of weeds will be obtained from spring or early fall applications when weeds are actively growing. Avoid applying during long excessively dry or hot periods unless adequate irrigation is available. Do not irrigate within 24 hours of application. Do not apply to newly seeded turf until after the second or third mowing. Grass seed can be sown 3 to 4 weeks after application at recommended rate. Do not use on dichondra and carpetgrass.

APPLICATION TYPE AND DIRECTIONS:

Professional Lawn Maintenance - Use 2.3 to 2.7 pints of product per acre. Or use 0.84 to 1.0 fluid ounce of product per 1,000 square feet with spray volumes of 1.0 to 3.0 gallons per 1,000 square feet. Use 2.5 to 3 pints of product per acre. Or use 0.92 to 1.1 fluid ounces of product per 1,000 square feet with spray volumes of 1.0 to 5.0 gallons per 1,000 square feet.

Mature Weeds - Use 3.25 to 3.7 pints of product per acre for controlling mature weeds.

Controlled Droplet Applicator - Reduced rates of Trimec® LAF 637 must be used when grass is stressed from heat, drought, etc. Do not use on warm season grasses. Add 2.0 pints Trimec® LAF 637 to the Herbi container then fill with 3.0 pints of water. Spray entire contents over 33,000 square feet (approx. 3/4 acre). Do not overlap between spray patterns.

Turf Tamer Sprayers - Reduced rates of Trimec® LAF 637 must be used when grass is stressed from heat, drought, etc. Do not use on warm season grasses. Use 2.3 to 3.7 pints of product per acre (0.84 to 1.4 fluid ounces of product per 1,000 square feet) at spray volumes of 0.50 to 1.25 gallons per 1,000 square feet.

St. Augustinegrass - Apply Trimec® LAF 637 at 2.3 pints in up to 150 gallons of water per acre (1.2 fluid ounces of product in 5.0 gallons of water per 1,500 square feet). Do not spray St. Augustinegrass if grass is stressed from heat, drought, etc. Do not apply this product to St. Augustinegrass during spring green-up which is the transition period between dormancy and active growth. Cultivars vary in tolerance to this product. Do not apply this product to 'Floritam' St. Augustinegrass. Slight turf yellowing should disappear after about one week. See Note.

Bentgrass - On closely mowed bentgrass (putting and bowling greens) apply at a maximum rate of 1.0 fluid ounce of product in 5.0 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.

NOTE: Care should be taken to avoid overdosing bentgrass and St. Augustinegrass or injury may result. Large volumes of spray (i.e. 1.0 fluid ounce of product in 5 gallons water per 1,500 square feet) will aid in obtaining uniform coverage. If hand-operated 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.

Limitations on broadcast treatments for ornamental turfgrass:

The maximum application rate is 3.7 pints of product per acre per application (1.5 lbs 2,4-D ae, 0.25 lb MCP-P ae, and 0.06 lb dicamba ae per acre per application). The maximum number of broadcast applications is limited to 2 per year with a minimum of 30 days between applications. The maximum seasonal rate is 7.4 pints of product per acre (3.0 lbs 2,4-D ae, 0.50 lb MCP-P ae, and 0.12 lb dicamba ae per acre), excluding spot treatments.

Limitations on spot treatments to residential turfgrass:

Spot treatment is defined as a treatment area no greater than 1,000 sq.ft. per acre. The maximum application rate is 1.4 fl.oz. per 1,000 sq.ft. per application (0.26 lb MCP-P acid equivalent per acre). The maximum number of spot treatments is limited to 2 per year with a minimum of 30 days between applications

Spray Drift Management

A variety of factors including weather conditions (e.g., wind direction, wind speed, temperature, relative humidity) and method of ground application can influence pesticide drift. The applicator must evaluate all factors and make appropriate adjustments when applying this product.

Droplet Size

Use only Medium or coarser spray nozzles according to ASAE (S 572) definition of standard nozzles or a volume mean diameter of 300 microns or greater for spinning atomizer nozzles.

Wind Speed

Do not apply at wind speeds greater than 10 mph. Only apply this product if the wind direction favors on-target deposition and there are not sensitive areas (including, but not limited to, bodies of water, known habitat for nontarget species, nontarget crops) within 250 feet downwind.

Temperature Inversions

If applying at wind speeds less than 3 mph, the applicator must determine if: a) conditions of temperature inversion exist, or b) stable atmospheric conditions exist at or below nozzle height. Do not make applications into areas of temperature inversions or stable atmospheric conditions.

Susceptible Plants

Do not apply under circumstances where spray drift may occur to food, forage, or other plantings that might be damaged or crops thereof rendered unfit for sale, use or consumption. Susceptible crops include, but are not limited to, cotton, okra, flowers, grapes (in growing stage), fruit trees (foliage), soybeans (vegetative stage), ornamentals, sunflowers, tomatoes, beans, and other vegetables, or tobacco. Small amounts of spray drift that might not be visible may injure susceptible broadleaf plants.

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Other State and Local Requirements

Applicators must follow all state and local pesticide drift requirements regarding application of 2,4-D herbicides. Where states have more stringent regulations, they must be observed.

Equipment

All ground application equipment must be properly maintained and calibrated using appropriate carriers or surrogates. Do not apply with a nozzle height greater than 4 feet above the target site.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

PESTICIDE STORAGE: Store in original container in a locked storage area. Keep from freezing.

PESTICIDE 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 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. 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.

LIMITED WARRANTY AND DISCLAIMER

IMPORTANT: Read this LIMITED WARRANTY AND DISCLAIMER before buying or using this product. By opening and using this product, buyer and all users agree to accept the terms of this LIMITED WARRANTY AND DISCLAIMER in their entirety and without exception. If the terms are not acceptable, return this product unopened immediately to the point of purchase, and the purchase price will be refunded in full.

It is impossible to eliminate all risks inherently associated with use of this product. Damage to the treated article, ineffectiveness, or other unintended consequences can result from use of the product under abnormal conditions such as weather, presence of other materials, or the manner of use or application, etc. Such factors and conditions are beyond the control of the manufacturer, and **BY PURCHASING AND USING THIS PRODUCT THE BUYER AND ALL USERS OF THIS PRODUCT AGREE TO ACCEPT ALL SUCH RISKS.** Buyer and all users further agree to assume all risks of loss or damage from the use of the product in any manner that is not explicitly set forth in or that is inconsistent with label instructions, warnings and cautions.

The manufacturer warrants only that this product conforms to the chemical description given on the label, and that the product is reasonably suited for the labeled use when applied according to the Directions for Use, subject to the inherent risks described below. **TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, 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 HEREBY EXPRESSLY DISCLAIMED.**

THE EXCLUSIVE REMEDY OF BUYER AND ALL USERS OF THIS PRODUCT, AND THE EXCLUSIVE LIABILITY OF THE MANUFACTURER, FOR ANY AND ALL LOSSES, DAMAGES, OR INJURIES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER OR NOT BASED IN CONTRACT, NEGLIGENCE, STRICT LIABILITY IN TORT OR OTHERWISE, SHALL BE LIMITED, AT THE MANUFACTURER'S OPTION, TO REPLACEMENT OF OR THE REPAYMENT OF THE

PURCHASE PRICE FOR THE QUANTITY OF PRODUCT WITH RESPECT TO WHICH DAMAGES ARE CLAIMED. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, IN NO CASE SHALL THE MANUFACTURER BE LIABLE FOR INCIDENTAL, CONSEQUENTIAL, OR SPECIAL DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT. The Manufacturer must be promptly notified in writing of any claims, whether based in contract, tort, negligence, strict liability, or otherwise, to be eligible to receive either remedy stated above.

The terms of this LIMITED WARRANTY AND DISCLAIMER cannot be varied by any written or verbal statements or agreements at the point of sale or elsewhere. No employee or agent of the manufacturer or seller is authorized to vary or exceed the terms of this Limited Warranty and Disclaimer in any manner.

APPENDIX

1. Statements which may appear on different label components depending on packaging configuration.

- See next panel for additional Precautionary Statements and First Aid
- Net Contents: _____
- EPA Est. No. _____

2. Advertising claims that may be presented on container labeling, advertisements, brochures, and other marketing/sales promotional materials:

- Controls Dandelion, Knotweed, Henbit, Chickweed, Plantain, Spurge and many other listed broadleaf weeds.
- One Gallon Covers Up To 3.5 Acres
- Keep From Freezing

DOCUMENT CONTROL INFORMATION

- 1. Unique Label Identifier:** 002217-00710.20081105.proposed.doc
- 2. Reason for Issue:** Various changes pertaining to re-registration. Re-format label.