

2217-681

11/04/2008

1/7



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

NOV 4 2008

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

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

Subject: EPA Reg. 2217-681 (Trimec Liquid Weed & Feed) 2,4-D RED Amendment

The labeling referred to above is in compliance with the 2,4-D 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 First Aid section, the "If Swallowed" and the "If on Skin or Clothing" statements should be placed before the "If in Eyes" statement.

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,

A handwritten signature in cursive script that reads "Joanne J. Miller".

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

Rec'd 8-5-08 2/7

# TRIMEC® LIQUID WEED & FEED

## EPA Reg. No. 2217-681

### ACTIVE INGREDIENT:

Dimethylamine salt of 2,4-dichlorophenoxyacetic acid .....	5.67%
Dimethylamine salt of (+)-(R)-2-(2-methyl-4-chlorophenoxy)propionic acid .....	1.37%
Dimethylamine salt of dicamba (3,6-dichloro-o-anisic acid) .....	0.63%

INERT INGREDIENTS: .....	92.33%
TOTAL .....	100.00%

### THIS PRODUCT CONTAINS:

- 0.44 lb. 2,4-dichlorophenoxyacetic acid equivalent per gallon or 4.71%
  - 0.11 lb. (+)-(R)-2-(2-methyl-4-chlorophenoxy) propionic acid equivalent per gallon or 1.13%
  - 0.05 lb. Dicamba (3,6-dichloro-o-anisic acid equivalent per gallon or 0.52%
- Isomer Specific by AOAC Methods.

GUARANTEED ANALYSIS	
Total Nitrogen (N), Not less than .....	15%
15% Urea Nitrogen - Derived from Urea	

**ACCEPTED**  
with **COMMENTS**  
In EPA Letter Dated:  
**NOV 4 2008**

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

**KEEP OUT OF REACH OF CHILDREN**

### CAUTION

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

2217-681

## PRECAUTIONARY STATEMENTS

### Hazards to Humans and Domestic Animals

**CAUTION:** Harmful if swallowed. Causes moderate eye irritation. Harmful if absorbed through skin. Avoid contact with skin, eyes or clothing. Wear protective eyewear. 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.

First Aid	
<b>If in eyes:</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15 - 20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If on skin or clothing:</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15 - 20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>



<b>If swallowed:</b>	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by a poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
<b>If inhaled:</b>	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<p>Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also call toll-free, 1-877-800-5556 for emergency medical information.</p>	

**Environmental Hazards**

This pesticide is toxic to fish and aquatic invertebrates and may adversely affect non-target plants. Do not apply directly to water. Do not contaminate water when disposing of equipment washwaters 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 apply this product in a way that will contact any person or pet, either directly or through drift. Keep people and pets out of the area during application.
- Do not allow people or pets to enter the treated area until sprays have dried.

**USE PRECAUTIONS:**

Do not spray when grass is emerging from dormancy. Do not apply to newly seeded lawn grasses until well established. Do not spray when air temperatures exceed 85°F. Seed can be sown 3 to 4 weeks after application. Do not use on carpetgrass, dichondra, St. Augustinegrass, centipedegrass, nor on lawns or turf where desirable clovers are present. Do not exceed specified dosages for any area.

**Other Use Precautions:**

- Do not apply as a fine mist because of potential for injury to desirable plants.
- 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.
- Do not apply directly to or near water, storm drains, gutters, sewers, or drainage ditches. Do not apply within 25 feet of rivers, fish ponds, lakes, streams, reservoirs, marshes, estuaries, bays, and oceans. Do not apply when windy. To prevent product run-off, do not over water the treated area(s) to the point of runoff or apply when raining or when rain is expected that day. Rinse applicator over lawn area only.

**State fertilizer requirements:****OPTION (A)**

A lawn will typically utilize 1 to 4 pounds of nitrogen per 1,000 square feet each growing season. When applied as directed this product supplies 0.069 pounds of nitrogen per 1,000 square feet with each application. Use this product in conjunction with an additional fertilization program to provide at least 1 pound of nitrogen per 1,000 square feet each growing season. Consult your local Agricultural Extension agent for the proper amount of nitrogen to be applied in your area.

**OPTION (B)**

Trimec® Liquid Weed & Feed should be supplemented by Liquid Lawn Fertilizer every 3 weeks from March through September (or April through October depending upon the growing season in your area). Please consult your local extension office for questions concerning a regular fertilizer program.

**WHERE TO USE:**

Trimec® Liquid Weed & Feed may be used on bahiagrass, bermudagrass, bluegrass, fescue, perennial ryegrass or zoysiagrass lawns, vacant lots, playgrounds and other similar areas where broadleaf weeds are present. This product is especially effective on hard-to-kill weeds such as poison ivy, poison oak, sheep sorrel and spurge. In addition Trimec® Liquid Weed & Feed controls listed broadleaf weeds, including sensitive weeds such as chickweed, clover, dandelion, knotweed and plantain.

**WHEN TO USE:**

1. Spray any time during the growing season when weeds are actively growing.
2. On new lawns, wait until the grass has reached a height of 2 inches before making an overall spray treatment. Wait 3 weeks after application before seeding or planting stolons.
3. Poor weed control may result if spray is applied during drought or just before rain.
4. For best results, mow 1 to 2 days before treating.
5. Do not water lawn within 24 hours after treatment.

**Limitations on broadcast applications to residential turfgrass:**

The maximum application rate is 32 fl.oz. (1 quart) of product per 5,000 sq.ft. per application (0.96 lbs 2,4-D ae, 0.24 lb MCP-P ae and 0.11 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 64.0 fl.oz. (2 quarts) of product per 5,000 sq.ft. (1.92 lbs 2,4-D ae, 0.48 lb MCP-P ae and 0.22 lb dicamba ae per acre).

**HOW TO USE:** Shake well before using.

- One quart covers 5,000 square feet.
- One-half gallon covers up to 10,000 square feet.

**OPTIONS (C) THRU (K) - ONE TO BE USED DEPENDING ON TYPE OF READY-SPRAY® HOSE-END SPRAYER****OPTION (C)**

Connect spray nozzle to garden hose; remove safety cap from container; attach tube to applicator and insert tube section. Attach container to end of nozzle. Turn on water; place finger over hole on right side of nozzle and proper ratio of Trimec® Liquid Weed & Feed will automatically be dispersed. Spray directly over area requiring application evenly and uniformly.

**OPTION (D)**

This half-gallon package is intended as a refill. One-half gallon will fill your quart hose end sprayer twice. One quart covers 5,000 square feet. One-half gallon will cover up to 10,000 square feet.

**OPTION (E)**

1. Attach spray nozzle to garden hose. Turn nozzle clockwise to firmly attach it to hose.
2. Remove cap from bottle (directions on cap) and screw bottle into spray nozzle.

3. Turn the on/off switch on top of the spray nozzle counter clockwise to the "OFF" position. Then turn on the water at the faucet.
4. To begin spraying, turn the sprayer nozzle switch clockwise to the "ON" position. The water automatically mixes with the product. Walk at a steady pace spraying in a side to side arc, slightly overlapping treated areas. Refer to graduated scale on side of container to guide coverage.
5. To stop spraying, turn the sprayer nozzle switch counter clockwise to the "OFF" position and turn off water at the faucet.

**OPTION (F)**

1. Attach garden hose to connector on dispenser
2. Insert screwdriver into slot in orange lock ring and twist, snapping lock ring in two.
3. Remove both parts of separated lock ring.
4. Turn arrow on activator switch to OFF position.
5. Push activator switch securely down against top of sprayer. This will pierce the safety seal inside the dispenser.
6. To begin spraying, turn on water and then move activator switch to the ON position.
7. To stop dispensing the product, turn off water.

**OPTION (G)**

1. Connect spray nozzle to garden hose. Be sure that valve is in "OFF" position.
2. Remove bottle cap and screw bottle onto nozzle. Turn on water.
3. Turn valve to "ON" position to start flow of water. Use valve to shut off flow of water at any time.

**OPTIONS (H) THROUGH K - DEPENDING ON PACKAGING USED.****OPTION (H)**

Check handy measuring guide to determine remaining area to be covered.

**OPTION (I)**

Check handy measuring guide to see how much of this liquid has been used.

**OPTION (J) to be used on label for one-half gallon (2 quart) container.****HOW TO USE:**

1. SHAKE WELL BEFORE USING.
2. Unscrew the cap from this container and carefully remove the foil seal.
3. Fill the hose end sprayer jar with the amount of product specified in the chart below. DO NOT dilute this product with water when filling the sprayer jar.
4. Attach the sprayer to garden hose.
5. Turn water on at full volume.
6. Hold the sprayer at waist level with the nozzle pointed away from the face and body.
7. Walk back and forth over lawn while spraying (as you would when mowing) covering the lawn thoroughly. Overlap slightly for uniform coverage.

**OPTION (K) to be used on label for 1 quart container.****HOW TO USE:**

1. SHAKE WELL BEFORE USING.
2. Connect spray nozzle to garden hose.
3. Remove white cap from bottle and screw bottle into the spray nozzle.
4. Turn the black "on-off" lever to the "off" position by turning to the right. Turn water on full volume.
5. Hold the sprayer at waist level with the nozzle pointed away from the face and body.
6. To spray, turn the black "on-off" lever to the center "on" position.
7. Walk back and forth over lawn while spraying (as you would when mowing) covering the lawn thoroughly. Overlap slightly for uniform coverage.

BROADLEAF WEEDS CONTROLLED			
Bedstraw	Ground ivy	Peppergrass	Speedwell
Black medic	Healall	Pigweed	Spurge
Buckhorn	Henbit	Plantain	Thistle
Burdock	Knotweed	Poison ivy	Wild carrot
Chicory	Lambsquarters	Poison oak	Wild garlic
Chickweed	Lespedeza	Purshlane	Wild lettuce
Clover	Mallow	Ragweed	Wild onion
Dandelion	Morningglory	Sheep sorrel	Yarrow
Dock	Oxalis	Shepherdspurse	

**STORAGE AND DISPOSAL**  
**PESTICIDE STORAGE:** Keep from freezing. Store in original container in a locked storage area inaccessible to children.  
**CONTAINER DISPOSAL: If Empty** — Do not reuse this container. Place in trash or offer for recycling if available. **If Partly Filled** — Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

**LIMITED WARRANTY AND DISCLAIMER**  
 FOR USE ONLY AS DIRECTED.

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE MANUFACTURER NEITHER MAKES NOR INTENDS ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, WHICH ARE HEREBY EXPRESSLY DISCLAIMED. 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. If these terms are not acceptable, return this product unopened immediately to the point of purchase, and the purchase price will be refunded in full. 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.

**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:**

- Keep From Freezing
- 1 Quart Covers Up To 5,000 Square Feet or (2 Quarts Covers Up To 10,000 Square Feet.)
- Controls dandelion, chickweed, knotweed, henbit, plantain, clover, spurge and listed broadleaf lawn weeds.
- The fast, easy way to weed control and fertilize your lawn.
- No Spreading - No Complicated Mixing
- TRIMEC® is a registered trademark of PBI/Gordon Corporation.

7/7

## **DOCUMENT CONTROL INFORMATION**

1. **Unique Label Identifier:** 002217-00681.20080807.proposed.doc
2. **Reason for Issue:** Various changes pertaining to re-registration. Re-format label.