



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

25 NOV 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. 2217-655 Gordon's Trimec Broadleaf Herbicide for Sensitive Grasses / RED  
Label Amendment: MCPP-p and 2,4-D

The labeling referred to above is in compliance with the 2,4-D and MCPP-p REDs and is amended under the REDs 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) Based on toxicity ranking per the acute toxicity review, the If Inhaled statement should appear after all other First Aid statements on the label.
- 4) Per the acute toxicity review, the Hazards to Humans and Domestic Animals must be revised to include the statement "Harmful if Swallowed." Also, delete the statement "Avoid contact with skin" and revise the statement "Do not get in eyes or on clothing" to read "Do not get in eyes, on skin or on clothing."
- 5) Following the heading "Personal Protective Equipment" add the text "(PPE)." Also, due to the acute toxicity review, revise the glove statement "chemical-resistant gloves (except for applicators using ground boom equipment)" to read "chemical-resistant gloves."
- 6) The following User Safety Recommendations must be added to the label and placed in a box:

"User Safety Recommendations:

User should wash hands before, eating, drinking, chewing gum, tobacco, of using the toilet.

User 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."

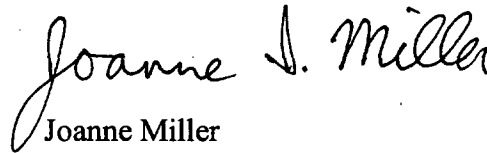
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7) Under the **Limitations for Spot Treatments on Ornamental Turfgrass** section, (due to the presence of MCPP-p) add the following statements:

“Limited to 2 applications per year.  
Minimum of 30 days between applications.”

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)

# GORDON'S TRIMEC® BROADLEAF HERBICIDE FOR SENSITIVE GRASSES

## EPA Reg. No. 2217-655

### ACTIVE INGREDIENT:

Dimethylamine salt of (+)-(R)-2-(2 methyl-4-chlorophenoxy)propionic acid .....	17.37%
Dimethylamine salt of 2,4-dichlorophenoxyacetic acid .....	18.74%
Dimethylamine salt of dicamba (3,6-dichloro-o-anisic acid) .....	3.85%
INERT INGREDIENTS: .....	60.04%
TOTAL.....	100.00%

### THIS PRODUCT CONTAINS:

- 1.32 lbs. (+)-(R)-2-(2 methyl-4-chlorophenoxy)propionic acid equivalent per gallon or 14.35%.
  - 1.44 lbs. 2,4-dichlorophenoxyacetic acid equivalent per gallon or 15.57%.
  - 0.30 lbs. 3,6-dichloro-o-anisic acid equivalent per gallon or 3.20%.
- Isomer Specific by AOAC Methods.

**ACCEPTED**  
**with COMMENTS**  
 In EPA Letter Dated:  
 26 NOV 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

## DANGER

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

2217-655

## PRECAUTIONARY STATEMENTS

### Hazards to Humans and Domestic Animals

**DANGER:** Corrosive. Causes irreversible eye damage. Do not get in eyes or on clothing. Harmful if absorbed through skin. Avoid contact with 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

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, plus
- 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.

<b>First Aid</b>	
<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 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 by mouth-to-mouth, if possible.</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>
<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><b>Note to Physician:</b> 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.

For use on residential and other turf sites excluding sod farms.

**USE PRECAUTIONS**

Do not use on lippia or dichondra nor on lawns or turf where desirable clovers are present. Be careful not to overdose centipedegrass or St. Augustinegrass. These species are sensitive to 2,4-D, a component of this product.

Do not spray while grass is emerging from dormancy. Do not apply to newly seeded turf until after the second or third mowing.

Mix in spray volumes ranging from 2 to 300 gallons per acre.

Apply when weeds are young and actively growing.

Use higher rates within the range when weeds are dense or in flower. If hardy weeds persist, make a second application. Avoid applications during long excessively dry or hot periods. When grasses are under stress, use reduced rates within the range to reduce potential injury. Do not spray when air temperatures exceed 90°F.

Do not irrigate within 24 hours of application.

Seed can be sown 3 to 4 weeks after application at recommended rates.

Do not use this product on or near desirable plants, including within the drip line of the roots of desirable trees and shrubs, since injury may result.

Do not apply this product through any type of irrigation system.

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.

**HOW MUCH TO USE AND WHERE:**

**Bermudagrass and Bentgrass:**

Use 0.75 fluid ounces per 1,000 sq.ft., or use 2.0 pints of product per acre. Do not overdose closely-mowed bentgrass. Read the use precautions and observe carefully. Do not use more than the recommended rate. Bermudagrass and bentgrass are moderately sensitive to 2,4-D.

**Bluegrass, Fescues, and Zoysiagrass:**

Use 0.75 to 1.1 fluid ounces per 1,000 sq.ft., or use 2.0 to 3.0 pints of product per acre. These species are tolerant to 2,4-D. However, do not overdose.

**St. Augustinegrass and Centipedegrass:**

Use 0.37 to 0.55 fluid ounces per 1,000 sq.ft., or use 1 to 1.5 pints of product per acre. Do not overdose. Do not apply this product to St. Augustinegrass or centipedegrass during spring green-up which is the transition period between dormancy and active growth. Do not make applications when ambient temperature is below 50°F or above 90°F, or expected to be within 72 hours of application. Do not make applications when grass is under stress from drought, insects, or other herbicides.

St. Augustinegrass and centipedegrass are sensitive to 2,4-D and great care should be taken to prevent over-application. Cultivars vary in tolerance to this product. Do not apply this product to 'Floritam' St. Augustinegrass.

**Limitations of broadcast treatments for ornamental turfgrass:**

The maximum application rate is 3.0 pints of product per acre per application (0.54 lbs 2,4-D ae, 0.50 lb MCP-P ae, 0.11 lb dicamba 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 6.0 pints of product per acre (1.08 lbs 2,4-D ae, 1.0 lb MCP-P ae, and 0.22 lb dicamba ae per acre).

**Limitations on spot treatments for ornamental turfgrass:**

Spot treatment is defined as a treatment area no greater than 1,000 sq.ft. per acre. The maximum application rate is 1.1 fl.oz. of product per 1,000 sq.ft. per application (0.5 lb MCPP-p acid equivalent per acre).

**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.

**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 crop canopy.

WEEDS CONTROLLED			
annual fleabane	dogfennel	lawn burweed	roundleaf greenbriar
aster, white heath & white prairie	dovefoot geranium	lespedeza, common	shepherdspurse
bedstraw	English daisy	mallow, common	spotted spurge
beggarticks	false dandelion (*spotted catsear & common catsear)	matchweed	spurge
beggarweed, creeping	field bindweed	mouseear chickweed	sunflower
bindweed	(*morningglory & creeping jenny)	mustard	thistle
birdsfoot trefoil	field madder	nettle	velvetleaf (*buttonweed)
black medic	field oxeye-daisy (*creeping oxeye)	old world diamond flower	Venice mallow
broadleaf plantain	field pennycress	<i>Oxalis</i> (*yellow woodsorrel & creeping woodsorrel)	<i>Veronica</i> (*corn speedwell)
buckhorn plantain	filaree, whitestem & redstem	parsley-piert	Virginia buttonweed
bull thistle	Florida pusley	Pennsylvania smartweed	Virginia-creeper
burclover	ground ivy	pennywort (*dollarweed)	western salsify
burdock, common	groundsel	pepperweed	white clover (*Dutch clover, honeysuckle clover, white trefoil & purplewort)
buttercup, creeping	hairy bittercress	pigweed	wild carrot
Carolina geranium	hawkweed	pineappleweed	wild garlic
carpetweed	healall	plantain	wild geranium
chickweed, common	henbit	poison ivy	wild lettuce
chicory	horsenettle	poison oak	wild mustard
cinquefoil	horseweed	prostrate knotweed (*knotweed)	wild onion
clover	innocence (Blue-eyed Mary)	puncturevine	wild strawberry
cocklebur	jimsonweed	purple cudweed	wild violet
compassplant	kochia	purslane	yarrow
curly dock	lambsquarters	ragweed	yellow rocket
dandelion		redweed	and many other broadleaf weeds
dayflower		red sorrel (*sheep sorrel)	
deadnettle			
dock			

\*Synonyms

## 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 inaccessible to children and domestic animals. 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: Plastic 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. If burned stay out of smoke. **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:**

- TRIMEC® is a registered trademark of PBI/Gordon Corporation.
- Bermudagrass, Bentgrass, Bluegrass, Fescues, Zoysiagrass, Centipedegrass, and St. Augustinegrass
- KEEP FROM FREEZING

## **DOCUMENT CONTROL INFORMATION**

**1. Unique Label Identifier:** 002217-00655.20080807.proposed.doc

**2. Reason for Issue:** Various changes pertaining to re-registration. Re-format label.