

PM 23 2217-786

10/6

SEP 25 1996

James A. Armbruster, Ph.D.  
 PBI/Gordon Corporation  
 1217 West 12th Street  
 P.O. Box 014090  
 Kansas City, Missouri 64101-0090

Dear Dr. Armbruster:

SUBJECT: Label Amendment  
 M 887 Herbicide  
 EPA Registration No. 2217-786  
 Your Application Dated August 24, 1995

The labeling referred to above, submitted in accordance with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended is acceptable with the following provisions:

- Under the "Precautionary Statements" make the following revisions and additions so that it reads as follows:

"Harmful if swallowed or inhaled. Causes eye irritation. Harmful if absorbed through skin. Avoid breathing spray mist. Avoid contact with eyes, skin or clothing. Wear goggles, long pants, long-sleeved shirt and shoes when applying this product. Remove contaminated clothing and wash clothing before reuse. Wash thoroughly with soap and water after handling."

- Under the "Statement of Practical Treatment" the phrase "if irritation persists" from the dermal statement.

A stamped copy is enclosed for your records. Please submit one (1) final printed copy for the above mentioned label before releasing the product for shipment.

Sincerely yours,

Joanne I. Miller  
 Product Manager (23)  
 Fungicide-Herbicide Branch  
 Registration Division (7505C)

Enclosure

CONCURRENCES

SYMBOL ▶	7505c							
SURNAME ▶	Morgan							
DATE ▶	Sep 24, 1996							

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# M 887 HERBICIDE

- KEEP FROM FREEZING -

ONE QUART COVERS UP TO 5,000 SQUARE FEET.

Controls Dandelion, Chickweed, Knotweed, Henbit, Plantains, Clover, Spurge and other broadleaf lawn weeds shown on this label.

No Spreading - No Complicated Mixing  
Just attach to a garden hose & spray.

### ACTIVE INGREDIENTS:

* Dimethylamine Salt of 2-methyl-4-chlorophenoxyacetic acid.....	5.609%
** Dimethylamine Salt of 2-(2-methyl-4-chlorophenoxy) propionic acid.....	2.669%
*** Dimethylamine Salt of Dicamba: 3,6-dichloro-o-anisic acid.....	0.614%
INERT INGREDIENTS.....	<u>91.108%</u>
TOTAL	100.000%

### THIS PRODUCT CONTAINS:

- \*0.395 lbs 2-methyl-4-chlorophenoxyacetic acid equivalent per gallon or 4.579%
  - \*\*0.190 lbs 2-(2-methyl-4-chlorophenoxy)propionic acid equivalent per gallon or 2.206%
  - \*\*\*0.044 lbs 3,6-dichloro-o-anisic acid equivalent per gallon or 0.510%
- TRIMEC® is a registered trademark of PBI/GORDON CORPORATION.

## KEEP OUT OF REACH OF CHILDREN

## CAUTION

See side panel for Precautionary Statements and Statement of Practical Treatment.

NET CONTENTS ONE QUART (NET WEIGHT: 2 LBS. 3 OZ.)

787/ APXXXXXX  
 EPA REG NO 2217-786  
 EPA EST NO 2217-KS-X  
 Mfd. by PBI/GORDON CORPORATION  
 KANSAS CITY, MISSOURI 64101

EPA Reg. No. 2217-786

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ACCEPTED  
 with COMMENTS  
 In EPA Letter Dated  
 SEP 25 1996

Under the Federal Insecticide,  
 Fungicide, and Rodenticide Act  
 as amended, for the pesticide  
 registered under EPA Reg. No.  
2217-786

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

**PRECAUTIONARY STATEMENTS**

**Hazards to Humans & Domestic Animals:**

**CAUTION:** Harmful if swallowed. Avoid contact with eyes, skin or clothing. Wear long pants, long-sleeved shirt and shoes when applying this product. ~~In case of contact, immediately flush eyes or skin with plenty of water. Get medical attention if irritation persists.~~

**Statement of Practical Treatment**

~~**FOR EYES:** Immediately flush eyes with water for 15 minutes and get medical attention.~~

~~**ON SKIN:** Thoroughly wash hands and exposed skin with soap and water.~~

~~**IF INHALED:** Move victim to fresh air.~~

~~**IF ON SKIN:** Wash with plenty of soap and water. Get medical attention if irritation persists.~~

~~**IF IN EYES:** Flush eyes with plenty of water. Call a physician if irritation persists.~~

~~**IF INHALED:** Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.~~

**Environmental Hazards:** Drift or run-off may adversely affect 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 or rinsate. Do not apply when weather conditions favor drift from target area.

*For Refill Containers Only:* When cleaning equipment, do not pour 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 others to reenter treated areas until sprays have dried or dusts have settled.

Not for use on turf being grown for sale or other commercial use as sod, or for commercial seed production, or for research purposes.

**STORAGE & DISPOSAL**

**STORAGE:** Keep from freezing. Store in original container in a locked storage area inaccessible to children. Avoid contamination of food or feedstuffs.

**PESTICIDE DISPOSAL:** Securely wrap original container in several layers of newspaper and discard in trash.

**CONTAINER DISPOSAL:** Do not reuse container. Rinse thoroughly before discarding in trash.

**WHERE TO USE:**

M887 Herbicide provides selective broadleaf weed control in cool season and warm season turfgrass in residential/domestic areas. Established turf of Kentucky bluegrass, perennial ryegrass, tall fescue, and the fine fescues may be treated. Also, established turf of bahiagrass, bermudagrass, and zoysiagrass may be treated. Residential/domestic areas include turfgrass established around residences, apartment complexes, condominiums, vacant lots, or areas associated with households.

Do not apply this product to bentgrass, carpetgrass, centipedegrass, dichondra, ornamentals, St. Augustinegrass, or lawns containing desirable clovers.

**WEEDS CONTROLLED:**

M887 Herbicide is especially effective on hard to control broadleaf weeds including poison ivy, poison oak, sheep sorrel and spurge. M887 controls chickweed, clover, dandelion, knotweed, and plantains and a partial list of susceptible weeds is shown below:

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WEEDS		
BEDSTRAW	HEAL-ALL	PURSLANE
BLACK MEDIC	HENBIT	RAGWEED
BUCKHORN	KNOTWEED	SHEEP SORREL
BULL THISTLE	LAMBSQUARTERS	SHEPHERDSPURSE
BURDOCK	LESPEDEZA	SPEEDWELL
BUTTERCUP	MALLOW	SPURGE
CHICORY	MORNINGGLORY	TANSY MUSTARD
CHICKWEED	MUSTARD	THISTLE
CLOVER	OXALIS	VELVETLEAF
COCKLEBUR	PEPPERGRASS	WILD CARROT
DANDELION	PIGWEEED	WILD GARLIC
DOCK	PLANTAIN	WILD LETTUCE
GALINSOGA	POISON IVY	WILD ONION
GROUND IVY	POISON OAK	YARROW
HAWKWEED		

**WHEN TO USE:** The best control of weeds in established turf will be obtained from spring or early fall applications when weeds are actively growing. However, this product is effective anytime during the growing season.

Schedule the application to match the conditions of adequate soil moisture and air temperatures of 60° to 90° F.

The tolerance of warm season grasses to this product is lower during spring green-up when compared to full green-up. Intermittent periods of cold ( $\leq 45^{\circ}$  F) and warm weather ( $\geq 70^{\circ}$  F) after herbicide application during spring green-up may decrease turf quality. If this product is applied to warm season grasses during spring green-up, then use two applications at one-half of the recommended dosage rate per application to minimize turf injury and to improve perennial weed control. The interval between first and the second applications should be 10 to 14 days.

Do not apply this product when turfgrass is under stress from drought, insect attack, or high temperatures ( $\geq 90^{\circ}$  F).

**APPLICATION SUGGESTIONS:**

1. Delay mowing 3 to 4 days before and after the application of this product.
2. Do not apply this product immediately before rainfall or irrigation. Also, rainfall or irrigation within 24 hours after application may reduce the effectiveness. Do not irrigate or water the turfgrass within 24 hours after application.
3. Treated areas of common bermudagrass, bahiagrass, and the cool season turfgrasses may be re-seeded 3 to 4 weeks after application.
4. Low rates of this product may be used on newly sodded, sprigged or plugged lawns of hybrid bermudagrass, bahiagrass, and zoysiagrass. Treatments of newly established areas should be delayed until 3 to 4 weeks after the sodding, sprigging, or plugging operations. Use one-half of the recommended dosage rate per application.
5. Do not allow spray to drift to vegetables, flowers, ornamental plants, shrubs, trees, and other desirable plants since injury may result.

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**HOW MUCH TO USE:** Apply M887 Herbicide at 6.4 fluid ounces of product per 1000 square feet of turf. If additional treatments are needed, then the interval between the first and subsequent applications should be 3 to 4 weeks.

One quart of M887 Herbicide will treat 5,000 square feet of turf.

One half gallon of M887 Herbicide will treat 10,000 square feet of turf.

**INSTRUCTIONS FOR HOSE-END SPRAYERS:**

(One of the following will be used depending on the types of hose-end sprayers.)

**OPTION A**

1. Connect spray nozzle to garden hose.
2. Shake contents of bottle well.
3. Remove safety cap.
4. Attach tube to nozzle applicator.
5. Attach bottle to open end of spray nozzle. Turn bottle counterclockwise until threads mesh. Then turn the bottle clockwise until tightly closed.
6. Turn on water; place finger over hole on right side of nozzle and proper ratio will automatically be dispersed. Spray directly onto turfgrass evenly and uniformly. (Check handy measuring guide to see how much of this liquid has been used.)

**OPTION B**

Connect spray nozzle to garden hose; remove safety cap from container, attach tube 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 will automatically be dispersed. Spray directly onto turfgrass evenly and uniformly. (Check handy measuring guide to see how much liquid has been used.)

**OPTION (C)**

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, which 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.

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OPTION (D)

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 counterclockwise 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 counterclockwise to the OFF position and turn off water at the faucet.

**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.

**MEASURING GUIDE**

1,000 SQ. FT.

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COVERAGE

3,000 SQ. FT.

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COVERAGE

5,000 SQ. FT.

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COVERAGE  
WHEN EMPTY