

*Notification*

<b>(A)</b> 	United States Environmental Protection Agency Office of Pesticide Programs (H7505C) Washington, DC 20460	<input type="checkbox"/> Registration <input type="checkbox"/> Amendment <input checked="" type="checkbox"/> Other	OPP Identifier Number  <h1 style="margin: 0;">192056</h1>
	<b>Application for Pesticide:</b>		

**Section I**

1. Company/Product Number <b>2217-735</b>	2. EPA Product Manager <b>Joanne Miller</b>	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) <b>MM890 Liquid Weed and Feed 20-0-0</b>	PM# <b>(PM 23)</b>	
5. Name and Address of Applicant (Include ZIP Code) <b>PBI/Gordon Corporation                  PO Box 4090                  1217 West 12th Street                  Kansas City, MO 64101</b> <input type="checkbox"/> Check if this is a new address	6. <b>Expedited Review.</b> In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to:  EPA Reg. No. _____  Product Name _____	

**Section II**

<input type="checkbox"/> Amendment - Explain below <input type="checkbox"/> Resubmission in response to Agency letter dated _____ <input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____ <input type="checkbox"/> "Me Too" Application. <input type="checkbox"/> Other - explain below.
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Explanation: Use additional page(s) if necessary. (For section I and Section II.)

**BEST AVAILABLE COPY**

**NOTIFICATION:**

(1) Revision of the wetlands warning statement within the Environmental Hazards section according to definition stated in Pesticide Regulation (PR) Notice 93-3, "Labeling Statement Prohibiting Application to Water", March 9, 1993. This is to certify that this notification meets every requirement of PR-Notice 88-6. (2) Revision of the limited warranty and disclaimer statement. (3) Three copies of the revised labeling are enclosed.

**NOTIFICATION LABEL NOT REVIEWED PER PR NOTICE 88-6**

DATE 7/12/93

**Section III**

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____		
* Certification must be submitted.		If "Yes," Unit Package wgt.    No. per container	If "Yes," Package wgt.    No. per container		
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) of Retail Container		5. Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed To Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Other ( _____ ) <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled					

**Section IV**

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name <b>James A. Armbruster, Ph.D.</b>	Title <b>Mgr. Regulatory Services</b>	Telephone No. (Include Area Code) <b>(816)421-4070</b>
I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law		6. Date Application Received (Stamped)
2. Signature 	3. Title <b>Mgr. Regulatory Services</b>	
4. Typed Name <b>James A. Armbruster, Ph.D.</b>	5. Date <b>May 20, 1993</b>	

# MM 890 LIQUID WEED & FEED

20-0-0

or

15-0-0

KEEP FROM FREEZING

1 QUART COVERS UP TO 5,000 SQUARE FEET.

CONTROLS: DANDELION, CHICKWEED, KNOTWEED, HENBIT, PLANTAINS,  
CLOVER, SPURGE and many other broadleaf lawn weeds;  
some of which are 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..... 6.979%

\*\*Dimethylamine Salt of 2-(2-methyl-4-chlorophenoxy) propionic acid..... 4.592%

INERT INGREDIENTS..... 88.429%

TOTAL 100.000%

## THIS PRODUCT CONTAINS:

\*0.551 lbs 2-methyl-4-chlorophenoxyacetic acid equivalent per gallon or 5.698%.

\*\*0.367 lbs 2-(2-methyl-4-chlorophenoxy)propionic acid equivalent per gallon or 3.795%.

**NOTIFICATION  
LABEL NOT REVIEWED  
PER PR NOTICE 88-6**

DATE 7/12/93

**KEEP OUT OF REACH OF CHILDREN**

**D A N G E R**

## STATEMENT OF PRACTICAL TREATMENT

In case of contact, wash skin with plenty of soap and water.  
For eyes, flush with water for 15 minutes and get medical attention.

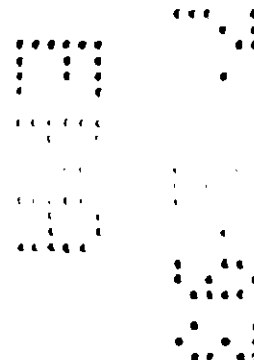
See back panel for additional Precautionary Statements.

NET CONTENTS ONE QUART(NET WEIGHT 2 LBS 7OZ)

AP052093

EPA REG NO 2217-735  
EPA EST NO 2217-KS-1

Mfd by PBI/GORDON CORPORATION  
KANSAS CITY, MISSOURI 64101



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

**PRECAUTIONARY STATEMENTS**

**Hazards to Humans & Domestic Animals**

**DANGER:** Corrosive, causes irreversible eye damage. Wear long pants, long-sleeved shirt and shoes when applying this product. Wear goggles when applying this product. If in eyes flush with plenty of water and get medical attention.

**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 SWALLOWED:** Drink promptly a large quantity of milk, egg whites, gelatin solution, or, if these are not available, drink large quantities of water. Avoid alcohol. 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.

**Environmental Hazards:** Drift or run-off may adversely affect nontarget plants. For terrestrial uses, 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. Do not contaminate domestic or irrigation waters.

**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.

**STORAGE & DISPOSAL**

**STORAGE:** Keep from freezing. Store in original container in a locked storage area inaccessible to children. Do not store near food or feedstuffs.

**PRODUCT 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.

**OTHER USE PRECAUTIONS:** Do not allow spray to drift to vegetables, flowers, ornamental plants, shrubs, trees and other desirable plants since injury may result. Do not spray where grass is emerging from dormancy. Do not apply to newly seeded lawn grasses until well established. Do not spray when the temperature exceeds 85°F. Seed can be sown 3-4 weeks after application. Do not use on carpetgrass, dichondra, St. Augustinegrass, centipedegrass, closely-mowed bentgrass, nor on lawns or turf where desirable clovers are present. Do not spray roots of trees and ornamentals. Do not exceed specified dosages for any area. Be particularly careful within dripline of trees and ornamental species.

**BEST AVAILABLE COPY**

**WEEDS**

BEDSTRAW  
BLACK MEDIC  
BUCKHORN  
BULL THISTLE  
BURDOCK  
BUTTERCUP  
CHICORY  
CHICKWEED  
CLOVER  
COCKLEBUR  
DANDELION  
DOCK  
GALINSOGA  
GROUND IVY  
HAWKWEED  
HEAL-ALL

HENBIT  
KNOTWEED  
LAMB'SQUARTER  
LESPEDEZA  
MALLOW  
MORNINGGLORY  
MUSTARD  
OXALIS  
PEPPERGRASS  
PIGWEEED  
PLANTAIN  
POISON IVY  
POISON OAK  
PURSLANE  
RAGWEED  
SHEEP SORREL

SHEPHERDSPURSE  
SPEEDWELL  
SPURGE  
TANSY MUSTARD  
THISTLE  
VELVETLEAF  
WILD CARROT  
WILD GARLIC  
WILD LETTUCE  
WILD ONION  
YARROW  
and many  
other broadleaf  
lawn weeds.

**20-0-0  
GUARANTEED ANALYSIS**

Total Nitrogen (N).....20.00%  
20% Urea Nitrogen  
Derived from Urea

**15-0-0  
GUARANTEED ANALYSIS**

Total Nitrogen (N).....15.00%  
15% Urea Nitrogen  
Derived from Urea

**(OPTION 1 OR 2 TO BE USED DEPENDING ON THE SUBREGISTRATION.)**

**OPTION 1**

A lawn will typically utilize 1 to 4 pounds of nitrogen per 1,000 sq.ft. each growing season. When applied as directed this product supplies 0.19 pounds of nitrogen per 1,000 sq.ft. with each application. Use this product in conjunction with an additional fertilization program to provide at least 1 pound of nitrogen per 1,000 sq.ft. each growing season. Consult your local agricultural extension agency for the proper amount of nitrogen to be applied in your area.

**OPTION 2**

MM890 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 concerning a regular fertilizer program.



**WHERE TO USE:** MM890 LIQUID WEED & FEED may be used on Bahia, Bermuda, Bluegrass, Fescue, Rye or Zoysia lawns, vacant lots, playgrounds and other similar areas where broadleaf weeds are present. This product is especially effective on all hard-to-kill weeds such as Poison Ivy, Poison Oak, Sheep sorrel and Spurge. In addition, this product controls most other broadleaf weeds, including sensitive weeds such as Chickweed, Clover, Dandelion, Knotweed and Plantain.

**WHEN TO USE:**

1. Spray at 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 before putting new grass seed or stolons down in the bare spots.
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.

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

**(One of the following will be used depending on the hose-end applicator used.)**

**OPTION (A)**

**INSTRUCTIONS**

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 counter-clockwise 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 over area requiring application, 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 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 will automatically be dispersed. Spray directly over area requiring application 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.

**OPTION (D)**

1. Attach spray nozzle to garden hose. Turn nozzle clockwise to firmly attach 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 the 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 (E)**

This half-gallon package is intended as a refill for the quart hose-end sprayer applicator/container of MM890 Liquid Weed & Feed. However, this product may be used in any hose-end sprayer in which herbicides have been used.

Add MM890 LIQUID WEED & FEED to the hose-end sprayer jar. DO NOT ADD WATER TO THE JAR. One quart covers 5,000 square feet. One-half gallon covers up to 10,000 square feet.

**OPTION (F)**

**ASSEMBLY INSTRUCTIONS:** (Step by step diagrams illustrated)

1. Attach siphonage tube to hose-end spray attachment.
2. Remove cap from bottle and insert sprayer attachment.
3. Securely tighten sprayer attachment on bottle.
4. Screw into hose-end sprayer attachment.

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**SPRAYING INSTRUCTIONS:** (Illustrated diagrams)

1. Turn on water. TO START FLOW OF PRODUCT: Place finger over hole on top right side of sprayer attachment. Hold about 3 feet above area to be treated moving at a steady pace to ensure consistent coverage.
2. TO STOP FLOW OF PRODUCT: Remove finger from hose to break siphon action.

**NOTE:** To ensure adequate coverage, use moderate to high water pressure when applying through hose-end sprayer attachment.

**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.  
-----  
COVERAGE

5,000 SQ.FT.  
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COVERAGE  
WHEN EMPTY

