

# 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, Plantain, 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 .....               | 6.98%          |
| Dimethylamine salt of (+)-(R)-2-(2-methyl-4-chlorophenoxy)propionic acid..... | 2.30%          |
| INERT INGREDIENTS:.....                                                       | 90.72%         |
| <b>TOTAL</b>                                                                  | <b>100.00%</b> |

**THIS PRODUCT CONTAINS:**

- 0.53lb. 2-methyl-4-chlorophenoxyacetic acid equivalent per gallon or 5.70%.
  - 0.17 lb. (+)-(R)-2-(2-methyl-4-chlorophenoxy)propionic acid equivalent per gallon or 1.90%.
- Contains the single isomer form of Mecoprop-p.

**KEEP OUT OF REACH OF CHILDREN**

**DANGER**

See back panel for additional Precautionary Statements and First Aid.

**NET CONTENTS: ONE QUART (NET WEIGHT 2 LBS. 7 FL. OZ.)**

AP-----  
 EPA REG NO 2217-735  
 EPA EST NO 2217-KS-1  
 MANUFACTURED BY:  
  
 An Employee-Owned Company  
 1217 West 12th Street  
 Kansas City, Missouri 64101

Telephone: 1-800-821-7925

**ACCEPTED**

DEC 4 2003

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 2217-735



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

**PRECAUTIONARY STATEMENTS**

**Hazards to Humans and Domestic Animals**

**DANGER:** Corrosive. Causes irreversible eye damage. Harmful if absorbed through skin. Do not get in eyes or on clothing. Avoid contact with skin. Applicators and other handlers of this product must wear eye protection (goggles, face shield or safety glasses), long sleeved shirt, long pants, chemical resistant gloves, socks and shoes. It is recommended that safety glasses include front, brow, and temple protection. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash 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:</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 the 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 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:**

Drift or runoff may adversely affect nontarget plants. Do not apply directly to water. Do not contaminate water when disposing of equipment washwater 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 area 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. Do not store near food or feedstuffs.

**CONTAINER DISPOSAL:**

**If Empty:** Do not reuse this container. Place in trash or offer for recycling if available.

**If partially filled:** Call your local solid waste agency or toll free number (1-800-CLEANUP) for disposal instructions. Never place unused product down any indoor or outdoor drain.

**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 to 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.

| - WEEDS -    |               |                       |
|--------------|---------------|-----------------------|
| Bedstraw     | Healall       | Ragweed               |
| Black medic  | Henbit        | Sheep sorrel          |
| Buckhorn     | Knotweed      | Shepherdspurse        |
| Bull thistle | Lambsquarters | Speedwell             |
| Burdock      | Lespedeza     | Spurge                |
| Buttercup    | Mallow        | Tansy mustard         |
| Chicory      | Morningglory  | Thistle               |
| Chickweed    | Mustard       | Velvetleaf            |
| Clover       | Oxalis        | Wild carrot           |
| Cocklebur    | Peppergrass   | Wild garlic           |
| Dandelion    | Pigweed       | Wild lettuce          |
| Dock         | Plantain      | Wild onion            |
| Galinsoga    | Poison ivy    | Yarrow                |
| Ground ivy   | Poison oak    | and many other        |
| Hawkweed     | Purslane      | broadleaf lawn weeds. |

| 20-0-0 GUARANTEED ANALYSIS           |     |
|--------------------------------------|-----|
| Total Nitrogen (N).....              | 20% |
| 20% Urea Nitrogen Derived From Urea. |     |

OR

| 15-0-0 GUARANTEED ANALYSIS           |     |
|--------------------------------------|-----|
| Total Nitrogen (N).....              | 15% |
| 15% Urea Nitrogen Derived From Urea. |     |

**Labeling Requirements:**

- All fertilizer products distributed in Washington at a minimum, must have the following labeling statement: *"This product has been registered with the Washington State Department of Agriculture. When applied as directed, this fertilizer meets the Washington standards for arsenic, cadmium, cobalt, mercury, molybdenum, lead, nickel, selenium, and zinc. You have the right to receive specific information about Washington standards from the distributor of this product."*
- After July 1, 1999, the label must also state: *"Information received by the Washington State Department of Agriculture regarding the components in this product is available on the internet at <http://www.wa.gov/agr/>."*

**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 square feet each growing season. When applied as directed this product supplies 0.19 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 (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 bahiagrass, bermudagrass, bluegrass, fescue, rye or zoysiagrass 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 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 for seeding and sprigging.
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 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 the 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 (E)**

This one-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 sprayer attachment.
  2. Remove cap from bottle and insert sprayer attachment.
  3. Securely tighten sprayer attachment on bottle.
  4. Screw hose into hose end sprayer attachment.
- SPRAYING INSTRUCTIONS** (Illustrated diagrams.)
1. Turn on water. **TO START FLOW OF PRODUCT:** Place finger over the 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.