

PM 23

2217-772

10/29/98

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Mr. Craig Martens
PBI/Gordon Corporation
1217 West 12th Corporation
P.O. Box 014090
Kansas City, MO 64101

OCT 29 1998

Dear Mr. Martens:

Subject: Conversion from MCPP to MCPP-p
DM Weed-No-More
EPA Registration Number: 2217-772
Your Submission Dated September 14, 1998

The Agency is conditionally approving an amendment to the registration of the above-referenced product under the authority of section 3(c)(7)(A) of the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA). Under this amendment the Agency is approving the conversion of the active ingredient mecoprop from its racemic form [2-(2-methyl-4-chlorophenoxy) propionic acid, or applicable salt thereof] to its single isomer form [(+)-R-2-(2-methyl-4-chlorophenoxy) propionic acid, or applicable salt thereof]. The revised labeling and Confidential Statement(s) of Formula submitted in support of the conversion are acceptable with the following provisions:

1. This acceptance is based on your certification that no changes have been made to the Confidential Statement(s) of Formula (CSF) or the product labeling other than those specified within the body of your certification statement. No other revisions are being reviewed or considered with this action.
2. You may sell or distribute product containing the racemic form of mecoprop and bearing the previously approved labeling for 18 months from the date of this letter.

A copy of the revised Confidential Statement of Formula (Basic Formulation, dated 09/14/98) has been placed in the Agency's file for the subject product. This CSF supersedes all previously submitted CSFs for this product.

A stamped copy of the labeling is enclosed for your records. Submit one copy of your final printed labeling before you release the product for shipment.

Sincerely yours,

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

Enclosure

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CONCURRENCES

SYMBOL ▶	7505C							
SURNAME ▶	MHoward							
DATE ▶	Oct 27, 1998							

DM WEED-NO-MORE

- KEEP FROM FREEZING -

ONE QUART COVERS UP TO 6,000 SQUARE FEET.

Controls Dandelion, Chickweed, Knotweed, Plantain, Clover, Mallow, Purslane and many other broadleaf lawn weeds; some of which are shown on this label.

Ready-To-Use -- No complicated mixing. Just attach to a garden hose and spray.

ACTIVE INGREDIENTS:

Dimethylamine salt of 2,4-dichlorophenoxyacetic acid.....	4.51%
Dimethylamine salt of 2-(2-methyl-4-chlorophenoxy)propionic acid.....	4.66%
Dimethylamine salt of (+)-(R)-2-(2-methyl-4-chlorophenoxy)propionic acid.....	2.33%

INERT INGREDIENTS:..... 90.83%

INERT INGREDIENTS:..... 93.16%

TOTAL 100.00%

THIS PRODUCT CONTAINS:

- 0.32 lb. 2,4-dichlorophenoxyacetic acid equivalent per gallon or 3.75%.
 - 0.33 lb. 2-(2-methyl-4-chlorophenoxy)propionic acid equivalent per gallon or 3.85%.
 - 0.16 lb. (+)-(R)-2-(2-methyl-4-chlorophenoxy)propionic acid equivalent per gallon or 1.93%.
- Isomer Specific by AOAC Methods.

CONTAINS SINGLE ISOMER FORM OF MECOPROP-p

KEEP OUT OF REACH OF CHILDREN

CAUTION

See back panel for Statement of Practical Treatment and additional Precautionary Statements.

NET CONTENTS ONE QUART

APXXXXXX
 EPA REG. NO. 2217-772
 EPA EST. NO. 2217-KS-1
 MANUFACTURED BY:



ACCEPTED

OCT 29 1998

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 2217-772

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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 skin, eyes, or clothing. Wear goggles when applying this product. When using this product, wear long-sleeved shirt, long pants, socks, shoes and rubber gloves. Avoid contamination of food or feedstuffs.

After using this product, rinse gloves before removing, remove clothing and launder separately before reuse, and promptly and thoroughly wash hands and exposed skin with soap and water. Remove saturated clothing as soon as possible and shower.

Statement of Practical Treatment

IF ON SKIN: Wash with plenty of soap and water. Get medical attention.

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

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

ENVIRONMENTAL HAZARDS:

This product is toxic to aquatic invertebrates. Drift or runoff may adversely affect aquatic invertebrates and nontarget plants. Do not apply directly to water. Do not contaminate water when disposing of equipment washwater. 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 allow people (other than applicator) or pets on treatment area during application. Do not enter treatment area until spray has dried or dust has settled.

STORAGE AND DISPOSAL

STORAGE: Keep from freezing. Do not store near food or feedstuffs. Store in original container and place in locked storage area.

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.

USE PRECAUTIONS:

Equipment - Use only lawn type sprayers. Coarse droplets are less likely to drift and cause damage to nontarget plants.

Dosage Rates - Do not exceed specified dosage rates for any treated area. Specifically be careful within the dripline of trees and ornamental species.

The maximum application rate to turf is 0.8 pounds 2,4-D acid equivalent per acre per application per site. The maximum number of broadcast applications per treatment site is 2 per year.

Nontarget Plants - Do not allow spray to drift onto vegetables, ground covers, ornamentals, shrubs, trees, and other desirable plants. Do not pour spray solutions near these sensitive species. Do not spray the roots of trees and ornamentals.

Sensitive Turfgrass Species - This product may injure St. Augustinegrass and centipedegrass. Only spot treatments of limited areas applied with pressure sprayers are recommended. Do not use a hose end sprayer for spot treatments.

Moderately Susceptible Weeds - Moderately susceptible weeds such as clover, ground ivy, oxalis, sheepsorrel, dock, thistles, and morningglory may require higher dosage rates and additional applications. A second application in two to three weeks may be necessary. Use higher labeled rates on moderately susceptible weeds.

SUSCEPTIBLE WEEDS:		
Bedstraw	Knotweed	Purslane
Black Medic	Lambsquarters	Ragweed
Chickweed	Peppergrass	Sheperdspurse
Clover	Plantain, buckhorn	Wild Lettuce
Dandelion		
MODERATELY SUSCEPTIBLE WEEDS:		
Chicory	Morningglory	Speedwell
Dock	Oxalis	Spurge
Ground Ivy	Pigweed	Wild Carrot
Healall	Poison Ivy	Wild Onion
Lespedeza	Poison Oak	Yarrow and many
Mallow	Sheepsorrel	other broadleaf weeds.

WHERE TO USE:

DM Weed-No-More may be applied to residential yards, lawns, turf, playgrounds, vacant lots, and other areas associated with households. DM Weed-No-More controls clover, dandelion, knotweed, plantains, and other broadleaf weeds in cool season and warm season turf. Cool season species include bluegrass, fine fescues, tall fescue, and perennial ryegrass. Warm season species include St. Augustinegrass, bahiagrass, bermudagrass, centipedegrass, and zoysiagrass.

Spraying can be effective throughout the growing season. For the best results, apply DM Weed-No-More when the broadleaf weeds have emerged and are actively growing during the spring or fall.

MANAGEMENT PRACTICES FOR THE BEST RESULTS ARE LISTED AS FOLLOWS:

- 1 Spray during the spring or fall when weeds are actively growing. Temperatures above 70°F will enhance the herbicide's activity. Poor weed control may result if spray is applied during drought or just before rain.
- 2 Irrigate the lawn 2 or 3 days prior to spraying to ensure that weeds are growing actively.
- 3 Mow 1 to 2 days before treating.
- 4 On new lawns, wait until the grass has reached a height of 2 inches before making a broadcast treatment. However, a spot treatment may be made at any time with a small pressure sprayer. Wait 3 weeks before seeding grass or planting stolons, plugs or sprigs.
- 5 Do not water for 24 hours after treatment.
- 6 Do not mow for 48 hours after treatment.

HOW MUCH TO USE (BROADCAST TREATMENTS):

Hand Sprayer - Apply 5 to 6 fluid ounces of DM Weed-No-More per 950 square feet of turf with a hand sprayer. Refer to the spray preparation Chart I for treated areas ranging from 950 to 3800 square feet. Measure recommended amount of product (Column 1) in bottle and add water to indicated level (Column 2) and spray uniformly on area shown in Column 3.

CHART I

Column 1		Column 2	Column 3
Amount of Weed-No-More to Use		Bottle Marking,	Area To Be Treated,
Tablespoons	Fluid Ounces	Gallons	Square Feet
10 to 12	5 to 6	5	950
20 to 24	10 to 12	10	1900
30 to 36	15 to 18	15	2850
40 to 48	20 to 24	20	3800

Pressure Sprayers - Mix 5 to 6 fluid ounces of DM Weed-No-More with 3.75 gallons of water and apply uniformly to 950 square feet of turf. For treated areas less than 950 square feet, refer to the spray preparation Chart II.

CHART II

Amount of DM Weed-No-More to Use		Amount of Water in Sprayer,	Area To Be Treated,
Tablespoons	Fluid Ounces	Gallons	Square Feet
2 to 2.4	1 to 1.2	¾	190
4 to 4.8	2 to 2.4	1½	380
8 to 9.6	4 to 4.8	3	760
6 to 2	5 to 6.0	3¾	950

Spot Treatments For St. Augustinegrass and Centipedegrass - Mix 2 fluid ounces (4 tablespoons) of DM Weed-No-More with 1 gallon of water and apply with a pressurized sprayer only. Do not use a hose end sprayer. Apply the diluted sprays to allow complete wetting of the leaves and stems of the broadleaf weeds.

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.