

NOV 9 - 1990

Mr. Larry E. Hammond
Product Registration Manager
DowElanco
9002 Purdue Road
Indianapolis, Indiana 46268-1189

BEST AVAILABLE COPY

Dear Mr. Hammond:

Subject: DMA 6 Weed Killer
EPA Registration No. 62719-2
Your Application for Amendment of October 10, 1990

The amendment referred to above, submitted in connection with registration under section 3(c)(7)(A) of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), is acceptable provided that you:

1. Submit/cite all data required for registration/reregistration of your product under FIFRA section 3(c)(5) or 4(a) when the Agency requires all registrants of similar products to submit such data.
2. Indicate the net content for the container on your final printed labeling.
3. Submit five (5) copies of your final printed labeling before you release the product for shipment. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Please note that in the future the application form, EPA Form 8570-1, should be filled out completely including Section III.

Sincerely yours,

Joanne I. Miller
Acting Product Manager (23)
Fungicide-Herbicide Branch
Registration Division (H7505C)

7505C:Miller/Mayes:jem:Rm235:557-8218:11/08/90
closure

Ticket
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Specimen Label

**DMA* 6
Weed Killer**

Active Ingredient:

✓ Dimethylamine Salts of 2,4-Dichlorophenoxyacetic Acid66.8%

✓ Inert Ingredients:.....33.2%

Acid Equivalent:

2,4-Dichlorophenoxyacetic Acid 55.5% - 5.7 lb/gal

Isomer Specific by AOAC Method No. 6.275-6.279 (13th Ed.)

✓ E.P.A. Registration No. 62719-2

E.P.A. Est. 464-MI-1

Net Contents

KEEP OUT OF REACH OF CHILDREN

DANGER

PELIGRO:

PRECAUCION AL USUARIO: Si usted no lee inglés, no use este producto hasta que la etiqueta le haya sido explicada ampliamente.

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CORROSIVE, CAUSES EYE DAMAGE - MAY BE FATAL IF ABSORBED THROUGH SKIN - HARMFUL IF SWALLOWED OR INHALED

Do Not Get In Eyes, On Skin, Or Clothing - Wear Goggles Or Face Shield, Protective Clothing And Chemical Resistant Gloves When Handling Concentrate - Wash Thoroughly After Handling - Do Not Apply This Product In Such A Manner As To Directly Or Through Drift Expose Workers Or Other Persons - The Area Being Treated Must Be Vacated Of Unprotected Persons

STATEMENTS OF PRACTICAL TREATMENT:

If in eyes: Flush with plenty of water for at least 15 minutes. Get medical attention.

If swallowed: Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not give anything by mouth to an unconscious person.

If on skin: Wash with plenty of soap and water. Get medical attention if irritation persists.

**ACCEPTED
with COMMENTS
in EPA Letter Dated:**

NOV 9 1990

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

62719-2

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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 or wetlands (swamps, bogs, marshes, and potholes). Do not contaminate water when disposing of equipment washwaters.

NOTICE

✓ Read the entire label. Use only according to label directions.

) Before buying or using this product, read Warranty Disclaimer and Limitation of Remedies sections elsewhere on this label.

IN CASE OF AN EMERGENCY

) endangering life or property involving this product, call collect 517-636-4400

AGRICULTURAL CHEMICAL

Do Not Ship or Store with Food, Feeds, Drugs, or Clothing

WEED LIST

DMA 6 weed killer is recommended for control of the following, in addition to many other broadleaved weeds, without injury to most grasses:

- | | | |
|------------------|----------------------|--------------------|
| alligator weed | loco, bigberd | smartweed |
| bitterweed | lupines | sneezweed, bitter |
| broomweed | mallow, Venice | sowthistle, annual |
| burdock | marshelder | spanishneedles |
| carpetweed | morningglory, annual | sunflower |
| carrot, wild | morningglory, wild | sweetclover |
| chicory | mustards | tansymustard |
| cocklebur | pennycress | tarweed |
| coffeeweed | pennwort | thistle, bull |
| croton | pepperweed | thistle, musk |
| dandelion | pigweed | thistle, Russian |
| docks | plantains | tumbleweed |
| flixweed | poorjoe | velvetleaf |
| fanweed | pusley, Florida | vetch |
| galinsoga | radish, wild | waterplantain |
| hemp, wild | ragweed, common | witchweed |
| jewelweed | rape, wild | wormwood |
| jimsonweed | rocket, yellow | |
| kochia | shepherdspurse | |
| lambsqu. rter. / | sicklepod | |

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DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

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

Local conditions may affect the use of herbicides. We believe the following instructions can be depended upon, but users are advised to consider recommendations of state Agricultural Experiment Station and local Extension Service weed control specialists regarding the quantity of water and of DMA 6 to be used.

GENERAL INFORMATION: The smaller doses are usually satisfactory for susceptible and young, tender and succulent weeds. For more resistant weeds and under conditions where control is difficult, use the higher dosages. Use the recommended quantity per acre of DMA 6 with enough water for uniform distribution.

To prepare the spray, first add one-half of the water to the tank, then add the DMA 6, stirring the mixture, and finally add the rest of the water with constant stirring. Apply when weeds are tender and actively growing, using moderate pressure.

FOR ROADSIDES AND OTHER NON-CROP AREAS: Apply from 1 to 2 pints of DMA 6 per acre in a convenient amount of water so that the entire area can be sprayed uniformly with equipment available.

FOR CROPLAND USES: Consult table listing crops and other applicable information.

FOR RIGHTS-OF-WAY: For perennial broadleaf weeds and susceptible woody species, use up to 1½ gal DMA 6 per acre. For difficult to control perennial broadleaf weeds and woody species, use up to 1½ gal DMA 6 and 1 to 4 qts. Garlon* 3A herbicide per acre.

For ground application: (High volume) apply a total of 100 to 400 gal per acre; (low volume) apply a total of 20 to 100 gal per acre.

For helicopter: Apply a total of 10 to 30 gal per acre spray volume

REENTRY STATEMENT

Do not enter treated areas without protective clothing until sprays have dried. Because certain states may require more restrictive reentry intervals for various crops treated with this product, consult your State Department of Agriculture for further information. Written or oral warnings must be given to workers who are expected to be in a treated area or in an area about to be treated with this product. The front panel PRECAUTIONARY STATEMENTS should be read to workers as well

as the instruction not to enter until sprays have dried. When oral warnings are given, warnings shall be given in a language customarily understood by workers. Oral warnings must be given if there is reason to believe that written warnings cannot be understood by workers. Written warnings must include the following information:

"DANGER. Area treated with DMA* 6 weed killer on (date of application). Do not enter without appropriate protective clothing until sprays have dried. (Insert here Statements of Practical Treatment as on front panel.)"

RECOMMENDED DOSAGES FOR CROPLAND

Crop	DMA 6 (amount per acre)	Liters per Hectare	When to Use	Gallons of Spray per Acre	Liters of Spray per Hectare	Remarks
Sugarcane	1 to 1 1/3 qt.	2.3 to 3.1	Pre-emergence†	30 to 50	280 to 470	Use lower rates on sandy soils. Clay soils may require higher rates.
	2/3 to 1 1/3 qt.	1.5 to 3.1	Post-emergence	30 to 50	280 to 470	Use as overall application when weeds are small. Apply in spring after sugarcane emerges and through lay-by.
	1 tablespoonful per gallon of spray	4cc per liter of spray	Spot Treatment	5 to 10	50 to 100	Apply as a directed spray, wetting weeds well.
Rice	1 to 1 2/3 pt.	1.2 to 1.9	Post-emergence	5 to 10	50 to 100	Apply when rice is in late tillering stage, before boot or panicle development. This is usually 4 to 8 weeks after emergence. When flooded, treat 7 to 9 weeks after seeding, when plants have emerged above water and leaves are standing erect. Do not apply after seed stalks have emerged.
Corn	2/3 to 1 1/3 qt.	1.5 to 3.1	Pre-emergence	10 to 20	100 to 200	Apply 3 to 5 days after planting but before corn emerges. Do not treat very light sandy soils.
	2/3 qt.	1.5	Emergence	5 to 10	50 to 100	Apply just as the seeding corn is breaking through the ground.
	2/3 pt.	0.75	Post-emergence	5 to 10	50 to 100	If corn plants are over 8 inches tall, use directed spray. Do not apply from tasselling to dough stage.
Grass Pastures	1 to 2 pt.	1.2 to 2.3	Post-emergence	5 to 10	50 to 100	Most legumes including cover and newly seeded pasture may be severely damaged. Grazing Restrictions: Do not graze lactating dairy animals on treated areas within 7 days after application. Do not harvest grass cut for hay from treated areas for 30 days. Withdraw meat animals from treated forage at least 3 days before slaughter.

† Best results from preemergence treatment are obtained when soil is well pulverized and in good seed bed condition

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USE PRECAUTIONS

Do not apply DMA 6 weed killer directly to, or otherwise permit it to come into contact with vegetables, flowers, grapes, fruit trees, ornamentals, papaya, cotton, or other desirable plants which are sensitive to 2,4-D and similar materials, and do not permit spray mist containing it to drift onto them, since even minute quantities of the spray may cause severe injury during both growing and dormant period. (Coarse sprays are less likely to drift.) Accordingly, applications by airplane, ground rigs and hand dispensers should be carried out only when there is no hazard from drift. Do not apply by airplane in the vicinity of cotton, grapes or other desirable 2,4-D susceptible vegetation.

Do not contaminate irrigation ditches or water used for domestic purposes.

Excessive amounts of 2,4-Dichlorophenoxyacetic acid in the soil may temporarily inhibit seed germination or plant growth.

Do not store near fertilizer, seeds, insecticides or fungicides. To avoid injury to desirable plants, do not store, handle or apply other agricultural chemicals with the same containers or equipment used for DMA 6.

NOTE: A tablespoon in two gallons of water is about equal to one pound of 2,4-D in 100 gallons of water.

Local conditions may affect the use of herbicides. State Agricultural Experiment Station or local Extension Service weed specialists in many states issue recommendations to fit local conditions.

Be sure that use of this product conforms to all applicable regulations.

Mixing and Loading: Most cases of groundwater contamination involving phenoxy herbicides such as 2,4-D have been associated with mixing/loading and disposal sites. Caution should be exercised when handling 2,4-D pesticides at such sites to prevent contamination of groundwater supplies. Use of closed systems for mixing or transferring this pesticide will reduce the probability of spills. Placement of the mixing/loading equipment on an impervious pad to contain spills will help prevent groundwater contamination.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

Storage: Keep container tightly closed when not in use.

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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 (Metal): Do not reuse container. Triple rinse (or equivalent). Puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

Container Disposal (Plastic): Do not reuse container. Triple rinse (or equivalent), Puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

General: Consult federal, state, or local disposal authorities for approved alternative procedures.

Be sure that use of this product conforms to all application regulations.

WARRANTY DISCLAIMER

DowElanco warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in strict accordance with the directions, subject to the inherent risks set forth below.

DOWELANCO MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.

INHERENT RISKS OF USE

It is impossible to eliminate all risks associated with use of this product. Crop injury, lack of performance, or other unintended consequences may result because of such factors as use of the product contrary to label instructions (including conditions noted on the label, such as unfavorable temperatures, soil conditions, etc.), abnormal conditions (such as excessive rainfall, drought, tornadoes, hurricanes), presence of other materials, the manner of application, or other factors, all of which are beyond the control of DowElanco or the seller. All such risks be assumed by Buyer.

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LIMITATION OF REMEDIES

The exclusive remedy for losses or damages resulting from this product (including claims based on contract, negligence, strict liability, or other legal theories), shall be limited to, at DowElanco's election, one of the following:

- (1) Refund of purchase price paid by buyer or user for product bought, or
- (2) Replacement of amount of product used.

DowElanco shall not be liable for losses or damages resulting from handling or use of this product unless DowElanco is promptly notified of such loss or damage in writing. In no case shall DowElanco be liable for consequential or incidental damages or losses.

The terms of the Warranty Disclaimer above and this Limitation of Remedies cannot be varied by any written or verbal statements or agreement. No employee or sales agent of DowElanco or the seller is authorized to vary or exceed the terms of the Warranty Disclaimer or this Limitation of Remedies in any manner.

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