

1 of 11

PM 23 62719-2

SEP 19 1996

Larry E. Hammond
 DowElanco
 9330 Zionsville Road
 Indianapolis, IN 46268

Dear Mr. Hammond:

Subject: Revised Precautionary Labeling
 DMA 6 Weed Killer
 EPA Registration No. 62719-2
 Your Submission Dated September 8, 1995

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

- 1) To avoid redundancy, delete the statement beginning "Note: For containers of over 1 gallon, but less than 5 gallons..." appearing beneath the list of personal protective equipment on both the container label and the label booklet.
- 2) Add the requirement of a chemical-resistant apron when cleaning equipment, mixing or loading to the list of personal protective equipment in the label booklet.
- 3) Revise the beginning of the third sentence in the Container Disposal statement for both metal and plastic containers to read "Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill..."

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

Sincerely yours,

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

Enclosure

DK: 305-7546: FHB/PM23

		CONCURRENCES						
SYMBOL ▶	7505C							
SURNAME ▶	D. KENNY							
DATE ▶	9/19/96							

10/11

[Editor's Note: Added text is underlined and deleted text denoted by strike-through.]
(Container Label)

(logo) DowElanco

DMA* 6

Weed Killer

Active Ingredient:

2,4-dichlorophenoxyacetic acid,
dimethylamine salt[†]..... 66.8%

Inert Ingredients..... 33.2%

Total..... 100.0%

Acid Equivalent:

2,4-dichlorophenoxyacetic acid - 55.5% - 683 g/L (5.7 lb/gal)

[†]Isomer Specific by AOAC Method No. 978.05 (15th Edition)

ACCEPTED
with COMMENTS
In EPA Letter Dated

SEP 19 1996

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

02719-2

Precautionary Statements

Hazards to Humans and Domestic Animals

Keep Out of Reach of Children

DANGER

PELIGRO

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

Corrosive • Causes Irreversible Eye Damage • May Be Fatal If Absorbed Through Skin • Harmful If Swallowed Or Inhaled

Do not get in eyes, on skin, or on clothing. Avoid breathing vapor or spray mist.

Personal Protective Equipment (PPE)

Applicators and other handlers must wear:

- Coveralls over short-sleeved shirt and short pants
- Waterproof gloves
- Chemical-resistant footwear plus socks
- Protective eyewear
- Chemical-resistant headgear for overhead exposure
- Chemical-resistant apron when cleaning equipment, mixing or loading
- **Note: For containers of over 1 gallon, but less than 5 gallons:** Mixers and loaders who do not use a mechanical system (such as probe and pump or spigot) to transfer the contents of this container must wear coveralls or chemical-resistant apron in addition to other required PPE.

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry. After each day of use, clothing or PPE must not be reused until it has been cleaned.

Engineering Controls Statements

For containers of 5 gallons or more: Do not open pour product from this container. A mechanical system (such as probe and pump or spigot) must be used for transferring the contents of this container. If the contents of a non-refillable pesticide container are emptied, the probe must be rinsed before removal. If the mechanical system is used in a manner that meets the requirements listed in the Worker Protection

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Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d) (4)], the handler PPE requirements may be reduced or modified as specified in the WPS.

When handlers use enclosed cabs or aircraft in a manner that meets the requirements listed in the Worker Protections Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d) (4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

User Safety Recommendations

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

First Aid

If in eyes: Hold eyelids open and flush Flush with a steady gentle stream plenty of water for at least 15 minutes. Get medical attention.

If on skin: Wash with plenty of soap and water. 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.~~ Call a doctor or get medical attention. Do not induce vomiting. Drink promptly a large quantity of milk, egg whites, gelatin solution, or if these are not available, drink large quantities of water. Avoid alcohol

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

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

Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage.

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, 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.

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.

Agricultural Use Requirements

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. Refer to the label booklet under "Agricultural Use Requirements" in the Directions for Use section for information about this standard.

Refer to label booklet for additional precautionary information including Personal Protective Equipment (PPE), Engineering Controls Statements and User Safety Recommendations, and Directions for Use including Storage and Disposal.

Notice: Read the entire label. Use only according to label directions. Before buying or using this product, read "Warranty Disclaimer" and "Limitation of Remedies" inside label booklet.

5 of 11

(Label Booklet)

(logo) DowElanco

DMA* 6

Weed Killer

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2,4-dichlorophenoxyacetic acid, dimethylamine salt [†]	66.8%
Inert ingredients	33.2%
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In case of emergency endangering health or the environment involving this product, call collect 517-636-4400.

Agricultural Chemical: Do not ship or store with food, feeds, drugs, or clothing.

EPA Reg. No. 62719-2
22056

EPA Est. 464-MI-1
900-001528

*Trademark of DowElanco
DowElanco • Indianapolis, IN 46268 U.S.A.

Herbicide

Net Contents gal

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Precautionary Statements

Hazards to Humans and Domestic Animals

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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.

Directions for Use

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Read all Directions for Use carefully before applying.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

Agricultural Use Requirements

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 48 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is:

- Coveralls over short-sleeved shirt and short pants
- Waterproof gloves
- Chemical-resistant footwear plus socks
- Protective eyewear
- Chemical-resistant headgear for overhead exposure

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Storage and Disposal

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

Storage: Keep container tightly closed when not in use.

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.

Metal Container Disposal: 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.

Plastic Container Disposal: 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.

General Information

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 Weed Killer to be used.

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

General Use Precautions

Do not apply DMA 6 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.

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.

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

9 of 11

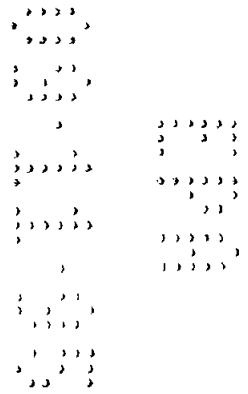
Weeds Controlled by DMA 6

DMA 6 is recommended for control of the following, in addition to many other broad-leaved weeds, without injury to most grasses:

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

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.



10 of 11

Approved Uses

Crop Uses

Agricultural Use Requirements for Crops: For the following crop uses, follow PPE and Reentry instructions in the "Agricultural Use Requirements" section of this label.

Consult table listing crops and other applicable information.

Recommended Dosages for Cropland

Crop	DMA 6 (amount per acre)	Liters per Hectare	When to Use	Gallons of Spray per Hectare	Liters of Spray per Hectare	Remarks
Sugarcane	1-1 1/3 qt	2.3 - 3.1	Pre-emergence†	30 - 50	280 - 470	Use lower rates on sandy soils. Clay soils may require higher rates.
	2/3 - 1 1/3 qt	1.5 - 3.1	Post-emergence	30 - 50	280 - 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	4 cc per liter of spray	Spot treatment	5 - 10	50 - 100	Apply as a directed spray, wetting weeds well.
Rice	1 - 1 2/3 pt	1.2 - 1.9	Post-emergence	5 - 10	50 - 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 - 1 1/3 qt	1.5 - 3.1	Pre-emergence	10 - 20	100 - 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 - 10	50 - 100	Apply just as the seeding corn is breaking through the ground.
	2/3 pt	0.75	Post-emergence	5 - 10	50 - 100	If corn plants are over 8 inches tall, use directed spray. Do not apply from tasselling to dough stage.

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

Rangeland, Pasture and Non-crop Uses

Use Requirements for Rangeland, Pasture and Non-cropland Areas: No Worker Protection Standard worker entry restrictions or worker notification requirements apply when this product is applied to rangeland, pasture or non-cropland areas.

Crop	DMA 6 (amount per acre)	Liters per Hectare	When to Use	Gallons of Spray per Hectare	Liters of Spray per Hectare	Remarks
Grass Pastures	1 - 2 pt	1.2 - 2.3	Post-emergence	5 - 10	50 - 100	Most legumes including clover and newly seeded pasture may be severely damaged. Grazing restrictions: Do not graze lactating 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.

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.

11 of 11

Rights-of-Way

For perennial broadleaf weeds and susceptible woody species, use up to 1 1/2 gal DMA 6 per acre. For difficult to control perennial broadleaf weeds and woody species, use up to 1 1/2 gal DMA 6 and 1 to 4 qt Garlon* 3A herbicide per acre.

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.

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

Helicopter Application: Apply a total of 10 to 30 gal per acre spray volume.

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 shall be assumed by Buyer.

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 agreements. 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.

*Trademark of DowElanco

EPA-Accepted / /

