

DowElanco  
9002 Purdue Road  
Indianapolis, IN 46268-1189

PM23

62719-2

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Quad III/2  
March 2, 1993

Document Processing Desk (H7504C)  
Office of Pesticide Programs  
U.S. Environmental Protection Agency  
Room 266A, Crystal Mall 2  
1921 Jefferson Davis Highway  
Arlington, VA 22202



Attention: Dan Kenny (Team 23)  
Joanne I. Miller (PM-23)

RE: DMA\* 6 Weed Killer  
EPA Registration No. 62719-2  
Data Call In of October 30, 1992 and January 15, 1993

Enclosed please find notification labeling per the EPA's Data Call In Dated October 30, 1992 and January 15, 1993 for DowElanco's DMA 6 Weed Killer (EPA Reg. No. 62719-2).

I, being an authorized representative of DowElanco certify that all containers of DMA 6 Weed Killer produced by October 23, 1993 will bear revised labeling in accordance with the revised labeling required for Task Force technical and manufacturing-use products. I further certify that all containers of said product sold or distributed by this company by April 15, 1993 will bear revised labeling in accordance with the revised labeling required for Task Force technical and manufacturing-use products.

Included in this submission are:

<u>Volume No.</u>	<u>Contents</u>
Volume 1 (Administrative)	Transmittal Document (this letter) EPA Application Form 8570-1 (OPP No. 185509) Copy of EPA Data Call In dated October 30, 1992 and January 14, 1993 Label (5 copies) entitled: DMA 6 Weed Killer (K1A LC 66 LABELS US 7-14)

If you have any questions or need additional information, please call me at (317)870-7264.

Sincerely,  
DowElanco

  
Larry E. Hammond  
Product Registration Manager

LB139g  
LB12c

Enclosures

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(Label Booklet)

(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. 6.275 - 6.279 (13th Edition)

**Keep Out of Reach of Children**

**DANGER**

**Refer to inside of label booklet for precautionary information 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.**

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

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**Herbicide**

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**Precautionary Statements**

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**Hazards to Humans and Domestic Animals**

**DANGER**

**PELIGRO:**

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.

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

Do not get in eyes, on skin, or on clothing. When mixing, loading or applying this product, or repairing or cleaning equipment used with this product, wear eye protection (face shield or safety glasses), chemical resistant gloves, long-sleeved shirt, long pants, socks and shoes. It is recommended that safety glasses include front, brow and temple protection. For aerial applicators in an enclosed cockpit and applicators applying this product from a tractor that has a completely enclosed cab, eye protection is not required. During aerial application, human flaggers either must wear chemical resistant headgear or are prohibited unless in enclosed vehicles.

Wash hands, face and arms with soap and water as soon as possible after mixing, loading or applying this product. Wash hands, face arms with soap and water before eating, smoking or drinking. Wash hands and arms before using the toilet.

After work, remove all clothing and shower using soap and water. Do not reuse clothing worn during previous days mixing, loading or application of this product. Clothing must be kept and washed separately from other household laundry. Remove saturated clothing as soon as possible and shower.

**Note:** For containers of over 1 gallon, but less than 5 gallons: Persons engaged in pouring this product must also wear coveralls or chemical resistant apron. For containers of 5 gallons or more: A mechanical transfer system (probe and pump) must be used for transferring the contents of the container. If the contents of a non-refillable pesticide container are emptied, the probe must be rinsed before removal.

**First Aid**

**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.

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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, 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.

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**Directions for Use**

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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.

**Worker Protection Requirements**

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. Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR parts 156 and 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, restricted-entry interval, and notification to workers. For any requirements specific to your State, consult the agency in your state responsible for pesticide regulation. For any requirements specific to your State, consult the agency in your state responsible for pesticide regulation.

**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.

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### 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.

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**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	lambquarters	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
fiixweed	poorjoe	tumbleweed
galinsoga	pusley, Florida	velvetleaf
henp, 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.

**Approved Uses**

**Crop Uses**

**Agricultural Use Requirements for Crops**

**Personal Protective Equipment:** Mixers, loaders and applicators or persons repairing or cleaning equipment must wear personal protective equipment specified in the "Precautionary Statements" section of this label.

**Restricted Entry Interval:** Do not enter or allow agricultural workers on farms to enter into treated areas during the restricted entry interval (REI) of 48 hours. For early reentry to treated areas that is permitted under the Worker Protections Standard and that involves contact with anything that has been treated, such as plants, soil, or water, wear eye protection, chemical resistant gloves, long-sleeved shirt, long pants, socks and shoes. During aerial application, human flaggers either must wear chemical resistant headgear or are prohibited unless in enclosed vehicles.

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Consult table listing crops and other applicable information.

**Recommended Dosages for Cropland**

Crop	DCA 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 treatments	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 flood, 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 2 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 tasseling 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-crop Areas**

**Personal Protective Equipment:** Mixers, loaders and applicators or persons repairing or cleaning equipment must wear personal protective equipment specified in the "Precautionary Statements" section of this label.

**Restricted Entry Interval:** Do not enter into treated areas until sprays have dried. For early reentry to treated areas, wear eye protection, chemical resistant gloves, long-sleeved shirt, long pants, socks and shoes.

Crop	DCA 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 livestock 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.

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**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.

**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 Garion® 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.

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**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.**

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**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.

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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 agreements. No employees or sales



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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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**Label Revisions:**

- 1) Added requirements of the Worker Protection Standard.
- 2) Reformatted label to be compatible with requirements of the Worker Protection Standard.
- 3) Added requirements to comply with the 2,4-D Exposure Reduction Program.

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# Supplemental Labeling



DowElanco Quad IV, 9002 Purdue Road P.O. Box 681428 Indianapolis, Indiana 46268-1189 USA

## DMA\* 6 Herbicide (EPA Reg. No. 62719-2)

### For Use in Crop Residue Management Systems in Soybeans (Preplant Application Only)

#### ATTENTION

- It is a violation of Federal law to use this product in a manner inconsistent with its labeling.
- This labeling must be in the possession of the user at the time of application.
- Authorization under FIFRA Section 3 (c)(7)(B) to use DMA 6 herbicide according to directions provided in this supplemental labeling expires on December 31, 1995. Use of this product according to these directions for use after December 31, 1995 will be illegal and sale of soybeans containing any residues of DMA 6 will constitute a violation of the Federal Food, Drug and Cosmetic Act.
- Read the label affixed to the container for DMA 6 herbicide before applying. Carefully follow all precautionary statements and applicable use directions.
- Use of DMA 6 herbicide according to this supplemental labeling is subject to all use precautions and limitations imposed by the label affixed to the product container and this supplemental labeling.

#### Directions for Use

##### General Information

DMA6 herbicide may be used for postemergence control of many susceptible annual and perennial broadleaf weeds. This product may be applied prior to planting soybeans to provide foliar burn-down control of susceptible annual and perennial broadleaf weeds and certain broadleaf cover crops such as those listed on this label. Make only preplant applications to emerged weeds prior to planting soybeans grown in reduced tillage production systems. Apply only according to instructions given below.

Do not use any tillage operations between herbicide application and planting of soybeans.

##### Mixing Instructions

Compatible crop oil concentrates, agricultural surfactants and fluid fertilizers approved for use on growing crops may be added to spray mixtures to increase the herbicidal effectiveness of DMA 6 on certain weeds. Read and follow all directions and precautions on this label and on the label of each product added to the spray mixture.

##### Application Procedures

Apply using air or ground equipment in a spray volume sufficient to provide uniform coverage of weeds. Use 2 or more gallons of total spray volume per acre for aerial application and 10 or more gallons per acre for ground equipment.

##### Application Timing and Use Rates

Product	Broadcast Application Rate	When to Apply (Days prior to planting soybeans)
DMA 6	2/3 pt/acre	Not less than 15 days
	1 1/3 pt/acre	Not Less than 30 days

(continued on back)

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## Weeds Controlled

alfalfa†	geranium, Carolina	purslane, common
bindweed†	horseweed or mare's tail	ragweed, common
bullnettle	ironweed	ragweed, giant
bittercress, smallflowered	lambsquarters, common	shepherdspurse
buttercup, smallflowered	lettuce, prickly	smartweed, Pennsylvania†
cinquefoil, common and rough	morningglory, annual	spewthistle, annual
clover, red†	mouse tail	speedwell
cockspur, common	mustard, wild	thistle, Canada†
dandelion†	onion, wild†	thistle bull
dock, curly†	pennycress, field	velvetleaf
eveningprimrose, cutleaf	peppergrass†	vetch, hairy†
garlic, wild†	plantains	Virginia copperleaf

†These weed species are only partially controlled.

For best weed control results, application should be made when weeds are small, actively growing and free of stress caused by temperature extremes, moisture stress, diseases, or insect damage. The control of individual weed species may be variable. Consult your local county agent or state agricultural extension specialist or crop consultant for advice.

## Use Precautions and Restrictions

- **Important Notice:** Unacceptable injury to soybeans planted in treated fields may occur. Whether or not soybean injury occurs and the extent of such injury will depend on weather (temperature and rainfall) from herbicide application until soybean emergence and agronomic factors such as the amount of weed vegetation and previous crop residue present at the time of application. Injury is more likely under cool rainy conditions and where there is less weed vegetation and crop residue present.
- Do not use on sandy soils with less than 1.0% organic matter.
- Do not make more than one application per season regardless of the application rate used.
- Do not apply when weather conditions such as atmospheric temperature inversion or when wind direction favors drift from the treated area to susceptible plants.
- Do not allow livestock grazing or harvest hay, forage or fodder from treated fields. Livestock should be restricted from feeding/grazing of treated cover crops.
- In treated fields, plant soybean seed as deep as practical, but not less than 1.0 inch deep. Adjust the planter, if necessary, to ensure that planted seed is adequately covered.
- Do not apply DMA 6 herbicide as described in this supplemental labeling unless you are prepared to accept the results of soybean injury, including possible stand loss and/or yield reduction.
- During the growing season following application, do not replant treated fields with crops other than those labeled for use with DMA 6 herbicide.

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122-K1AAG004 Approved 10/30/92  
Initial printing.

### Amendments

- 1) Added use for post-emergence broadleaf weed control prior to planting soybeans.