

DOW DMA-6

A WEED KILLER

Best copy available

464-157

09/11/1958

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Active Ingredient: Dimethylamine salt of 2,4-Dichlorophenoxyacetic Acid - - - - - 70.5%
(Equivalent to 58.5% of 2,4-Dichlorophenoxyacetic Acid)
Inert Ingredients - - - - - 29.5%

Contains the equivalent of six pounds of 2,4-Dichlorophenoxyacetic Acid per gallon (12 ounces per pint).

(U.S. Patent Numbers 2,390,941; 2,396,513; 2,453,983; Re 23,115)

WEED LIST: Dow DMA-6 is recommended for control of the following, in addition to many other broadleaved weeds, without injury to most grasses: alligator weed, docks, fanweed, lamb's-quarters, mustards, peppergrass, pigweed, plantains, shepherd's-purse, tarweed, thistles, vetch, wild carrot, wild morning-glory, wild radish. Use along highways and railroad right-of-ways; on air-fields, ditch banks, pasture lands, and around farm buildings.

PRECAUTIONS: Do not apply Dow 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 periods. (Coarse sprays are less likely to drift). Accord-

ingly, applications by airplane, ground rigs and hand dispenser 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. Do not store near fertilizers, seeds, insecticides or fungicides. Excessive amounts of 2,4-Dichlorophenoxyacetic acid in the soil may temporarily inhibit seed germination or plant growth. To avoid injury to desirable plants, do not store, handle or apply other agricultural chemicals with the same containers or equipment used for Dow DMA-6. NOTE: A tablespoonful to two gallons of water is about equal to one pound of 2,4-D in 100 gallons of water.

WARNING: This product causes irritation to the eyes and skin. Do not allow it to come in contact with the eyes. Avoid contact with skin and clothing. In the event of contact, wash eyes well with large quantities of water for at least fifteen minutes and obtain medical attention. Wash contaminated clothing before re-use. Do not wear contaminated shoes.



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INSTRUCTIONS FOR USE

Local conditions may affect the use of herbicides. We believe the following instructions can be depended upon, but users are advised to follow recommendations of local agricultural authorities regarding the quantity of water and of herbicide to be used.

Use the recommended quantity per acre of Dow DMA-6 with enough water for uniform distribution. To prepare a spray, first add one-half of the water to the tank, then add the Dow 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.

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 larger dosages.

CROP	AMOUNT DOW DMA-6 PER ACRE	WHEN TO USE	GALLONS OF SPRAY PER ACRE	REMARKS
Sugar Cane	2 to 3 pints 4 1/3 to 2 2/3 qt.	Pre-emergence*	30 to 50	Use lower rates on sandy soils. Clay soils may require higher rates.
	2/3 to 2 qt. 1 to 2 pints	Post-emergence	30 to 50	Use as over-all application when weeds are small. 2/3 to 1 1/3 quarts is usual dosage. Apply as directed spray.
	1 tablespoonful per gallon of spray	Spot treatment	5 to 10	Apply as a directed spray wetting weeds well.
Rice	2/3 to 1 2/3 pt.	Post-emergence	5 to 10	Treat 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.
Corn	2/3 to 1 2/3 qt. 1 1/3	Pre-emergence	10 to 20	Apply 3 to 5 days after planting but before corn emerges. Do not treat very light sandy soils.
	2/3 qt.	Emergence	5 to 10	Applied just as the seedling corn is breaking through the ground.
	2/3 pt.	Post-emergence	5 to 10	If corn plants are over 8" tall, use directed spray.

* Best results from pre-emergence spraying are obtained when soil is well pulverized and in good seed condition at time of treatment.
 FOR FIELDS, PASTURES AND ALONG ROADS: Apply from 1 to 2 quarts per acre in a convenient amount of water so that the entire area can

be sprayed uniformly with equipment available.
 NOTE: Seller makes no guarantee of any kind, either expressed or implied, concerning the use of this herbicide. Buyer assumes all of the risks of handling and use, whether in accordance with directions or not.

Contains _____ Gallons Net

THE DOW CHEMICAL COMPANY
 Midland, Michigan

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