



SPECIMEN LABEL
REDUCED TO 75%

MCP AMINE

HERBICIDE

Contains Dimethylamine Salt of MCPA • Acid Equivalent: 4 pounds per gallon

*For the Selective Control of Many Broadleaf Weeds in Flax, Small Grains,
Rice, and Clover, Alfalfa and Grass Pastures; for Whitebrush Control;
and for Weed Control in Non-Crop Areas.*

ACTIVE INGREDIENT: 2-methyl-4-chlorophenoxyacetic acid, dimethylamine salt 52.1%
INERT INGREDIENTS: 47.9%
MCPA Acid Equivalent 42.5% — 4 pounds per gallon
E.P.A. Registration No. 464-394-AA
E.P.A. Est. 464-MI-1

Salts are the least volatile forms of MCPA and do not release enough vapors from treated areas to reduce yield of adjacent susceptible crops

AGRICULTURAL CHEMICAL

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

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

TRANSLATION (TO THE USER: If you cannot read English, do not use this product until the label has been fully explained to you.)

WARNING

**KEEP OUT OF REACH OF CHILDREN
HARMFUL IF SWALLOWED
INJURIOUS TO EYES
MAY CAUSE SKIN IRRITATION
Do Not Get in Eyes • Avoid Skin Contact**

In case of eye contact, flush with plenty of water for at least 15 minutes and get medical attention. In case of skin contact wash with soap and plenty of water. Remove and wash contaminated clothing before re-use. Do not wear contaminated shoes.

5 GAL / 18.9 L

86-1097 PRINTED IN U.S.A. IN DECEMBER, 1974

REPLACES SPECIMEN LABEL 86-1097 PRINTED IN JULY, 1974

REVISION INCLUDES: (1) EPA ESTABLISHMENT NUMBER ADDED
(2) AGRICULTURAL CHEMICAL STATEMENT ADDED



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(BACK)
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For the Selective Control of Many Broadleaf Weeds in Flax, Small Grains, Rice, and Clover, ~~Rice~~
~~Alfalfa~~ and Grass Pastures; for Whitebrush Control; and for Weed Control in Non-Crop Areas.

USE DIRECTIONS

Apply DOW MCP Amine Herbicide during warm weather when weeds are young and growing actively. Obtain uniform spray coverage for best results. Weeds that can be controlled include beggartick, burdock, buttercup, catsear, cocklebur, croton, burcucumber, galinsoga, goatsbeard, hempnettle, honeysuckle, jimsonweed, lambsquarters, marshelder, mustard, pennycress, pepperweed, plantain, puncturevine, ragweed, redstem, sicklepod, sneezeweed, stinkweed, whitebrush, witchweed, yellowrocket and other species.

Generally, the lower dosages listed will be satisfactory for young, succulent growth of sensitive weed species. For less sensitive species and under conditions where control is more difficult, the higher dosages will be needed. Use moderate spray pressure (20 pounds) and enough spray volume for good coverage, usually 5 to 20 gallons per acre by ground equipment and at least 3 to 5 gallons per acre by air. Higher spray volumes may be useful in some situations to provide better spray coverage of weed foliage and to reduce spray drift. The use of adjuvants such as wetting agents, may increase herbicidal effectiveness but may also decrease selectivity.

Do not apply where spray drift may be a problem due to proximity of susceptible crops or other desirable plants. Read and follow all Use Precautions given on this label.

PREPARING THE SPRAY: Mix DOW MCP Amine with water, unless otherwise directed on this label. Fill the mixing tank or spray tank about half full with water, then add the required amount of DOW MCP Amine with agitation, and finally add the rest of the water with continuing agitation. **NOTE:** Adding the oil, wetting agent or other surfactant to the spray may reduce selectivity to crops, possibly resulting in crop injury.

WEED CONTROL IN FLAX: For control of susceptible weeds, use 1/2 pint of DOW MCP Amine per acre. Treat flax when 3 to 6 inches tall before buds begin to form. Rates of 1/4 to 1 pint per acre may be needed to control some weeds such as wild buckwheat, smartweed and thistles but flax may be injured at these rates. If seedling grasses such as foxtail are a problem, DOWPON M grass herbicide may be used alone or in combination with DOW MCP Amine. Flax varieties may vary in tolerance to DOWPON M and MCPA. Consult local Extension Service or University Specialists for advice on herbicide use in flax.

A WEED CONTROL IN SMALL GRAINS: NOTE: Do not permit dairy animals or meat animals being finished for slaughter to forage or graze treated grain fields within 2 weeks after treatment.

Spring Planted Oats, Barley and Wheat not Seeded to Legumes: Use 1/2 to 1 pint of DOW MCP Amine per acre when grains are in the 3 to 5 leaf stage or up to early boot stage. Apply when weeds are very small for best results. Do not apply during the boot to dough stage of the grain.

Oats, Barley and Wheat Seeded to Red or Ladino Clover: For control of susceptible weeds such as mustard and lambsquarters, use 1/3 to 1/2 pint of DOW MCP Amine per acre as soon as possible after weeds emerge, but after seedling grain is at least 3 inches tall. The grain and weeds should form a protective canopy over the clover seedlings. Treatment may be made up to the full tiller stage but not in the boot to dough stages of the grain. To control certain weed species, 1 pint per acre may be needed. Do not use where other small seeded legumes (vetch, sweet clover, trefoil, alfalfa) are seeded unless some injury to them can be tolerated or unless specifically recommended by local Extension Service or University Specialists.

WEED CONTROL IN RICE: For control of certain broadleaf weeds and sedges, apply 2 to 3 pints of DOW MCP Amine in 10 to 30 gallons of water per acre. Treat when rice is fully tillered and 6 to 8 inches above water, usually 35 to 65 days after planting. Do not treat when rice is in the early seedling, boot or early heading stages, or when temperatures are over 90 F. Some rice varieties may be less tolerant to MCPA than others. Consult your Agricultural Experiment Station or Extension Service Weed Specialists for appropriate rates and timing of MCPA spray and on the tolerance of rice varieties.

WEED CONTROL IN PEAS: Use on peas to control susceptible weeds only where recommended by local agricultural Extension Service or Experiment Station specialists. Use 1/2 to 1 pint of DOW MCP Amine in at least 15 gallons of water per acre when peas are 3 to 7 inches tall, before first flowering and weeds are small. Higher rates of 1/2 to 3/4 pint (4.6 ounces MCPA) per acre may be used to improve control of difficult weeds but crop injury is more likely to occur. Do not apply if peas are taller than 7 inches or when they are stressed for lack of soil moisture. Do not apply when temperatures are over 90 F. **NOTE: Do not feed treated vines to livestock. MCPA can cause injury and delayed maturity in the pea crop.**

WEED CONTROL IN ESTABLISHED ALFALFA AND NEW SEEDINGS OR OLDER STANDS OF RED CLOVER: For control of yellow rocket and other susceptible annual weeds such as pennycress or fanweed, use 1 pint per acre of DOW MCP Amine. Apply in late fall following frosts when the legumes are dormant. The temperature at the time of spraying should be above 40 F.

WEED CONTROL IN GRASS PASTURES: Use 2 to 4 pints per acre of DOW MCP Amine. Apply when weeds are small and actively growing for best results. Use the higher rates for whitetop, Canada thistle, buttercup and other more difficult to control weeds. Legumes may be injured or killed. Do not use this treatment where legumes, especially alfalfa, are present and desirable. Do not use on newly seeded areas until grass is well established. Do not use from early boot to milk stage where grass seed production is desired.

CONTROL OF WHITEBRUSH ON RANGELANDS: Use 3 pints of DOW MCP Amine with 1 gallon of diesel oil and enough water for good spray coverage, usually 6 to 10 gallons per acre by aircraft. Apply in spring or fall when plant foliage is well developed and actively growing. Spraying during bloom is recommended but not immediately after shedding of blossoms. Retreatments may be needed in succeeding years. **NOTE:** First mix the DOW MCP Amine in the water, then add the oil with agitation. Spray should be kept agitated during spraying to avoid separation in the tank.

SPOT TREATMENT: FOR WEED CONTROL IN PASTURES, RANGELANDS AND IN NON-CROP AREAS SUCH AS FENCEROWS, FARMYARDS, SHELTER BELTS AND ROADSIDES: Use 1/4 pint of DOW MCP Amine in 3 gallons of water to control weeds such as Canada thistle, whitetop, meadow buttercup and Texas blueweed. Apply when weeds are growing vigorously, usually prior to bloom, and spray fall regrowth if necessary.

USE PRECAUTIONS

Do not apply DOW MCP Amine Herbicide directly to, or otherwise permit it to come in contact with cotton, flowers, fruit trees, grapes, ornamentals, vegetables or other desirable plants which are sensitive to MCPA. Do not permit spray mist containing it to drift onto them, since even very small quantities of the spray, which may not

be visible, can cause injury during both growing and dormant periods. Use coarse sprays to minimize drift.

With ground equipment, spray drift can be minimized by keeping the spray boom as low as possible, by applying 20 gallons or more of spray per acre, by using no more than 20 pounds per square inch spraying pressure, by using flat fan or flood fan nozzle tips, and by stopping all spraying when wind velocity exceeds 6 to 7 miles per hour. Do not apply using cone type insecticide nozzles or others that produce a fine droplet spray. With aircraft application, drift can be lessened by applying no less than 5 gallons of spray per acre, by using no more than 20 pounds spray pressure at the nozzles; by using nozzles which produce a coarse spray pattern, and by spraying only when wind velocity is less than 5 miles per hour.

Applications by aircraft, ground rig and hand dispenser should be carried out only when there is no hazard from spray drift. Do not apply in the vicinity of cotton, grapes, tomatoes, or other desirable vegetation susceptible to MCPA. Do not spray when the wind is blowing towards susceptible crops or ornamental plants. Do not contaminate irrigation ditches or water used for irrigation or domestic purposes. Do not use in or near a greenhouse. Excessive amounts of MCPA in the soil may temporarily inhibit seed germination or plant growth.

Be sure that use of this product conforms to all applicable regulations. Apply this product only as specified on this label. Consult your State Agricultural Experiment Station or Extension Service weed specialist for advice in selecting treatments from this label to best fit local conditions.

NOTE: DOW MCP Amine Herbicide, exposed to subfreezing temperatures, should be warmed to at least 40 F and mixed thoroughly before using.

Do not store near fertilizers, seed, 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 DOW MCP Amine except as specified on this label.

Rinse equipment and containers and dispose of wastes by burying in non-crop areas away from water supplies. Do not reuse containers. Empty containers should be disposed by punching holes in them and burying with wastes or follow official local recommendations for container disposal.

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NOTICE: Seller warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated on this label when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE, express or implied, extends to the use of this product contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to seller, and buyer assumes the risk of any such use.

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THE DOW CHEMICAL COMPANY

MIDLAND, MICHIGAN 48640, USA ZÜRICH, SWITZERLAND HONG KONG, CHINA
CORAL GABLES, FLORIDA 33134, USA SARONIA, ONTARIO, CANADA

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