

93.01.27

MCPA AMINE 500

AGRICULTURAL

LIQUID HERBICIDE

For the selective control
of broad-leafed weeds in
cereal and flax crops.

CAUTION POISON

READ THE LABEL BEFORE USING

GUARANTEE: MCPA equivalent.....500g/L
(present as amine salts of MCPA)

REGISTRATION NO. 5981 PEST CONTROL PRODUCTS ACT

10 L

MANUFACTURED FOR CARGILL LIMITED
P.O. BOX 5900, WINNIPEG, MANITOBA R3C 4C5

MCPA AMINE 500

GENERAL INFORMATION

CARGILL MCPA Amine 500 contains 500g/L acid equivalent and is recommended for the selective control of broad-leafed weeds in cereal and flax crops. CARGILL MCPA Amine 500 should be applied as a uniform spray in 55-110 L of water per hectare.

DIRECTIONS FOR USE:

General: Apply in the amount of water required for even distribution. Spray at low pressure (200-275 kPa) during warm weather when weeds are young and growing actively.

APPLICATION RATES

SUGGESTED RATES TO USE ON CEREAL CROPS AND FLAX (NOT SEEDED TO LEGUMES)				
Mixed Weedy Growth	Stage of Weed, Kind weather	Litre(s) per Hectare	Grams Acid per ha	Hectare(s) treated per L
Susceptible Prickly Lettuce, Flixweed, Ragweeds, Kochia, Russian, Pigweed, Lamb's-Quarters, Shepherd's Purse, Mustards, Stinkweed	Seedling (2-4 leaves) Growing Rapidly, Weeds in bud, Dry or cool weather, heavy infestation	700 mL to 1.1	350 to 550	1.4 to 0.9
Above, plus More Resistant *Blue Lettuce, Smartweed, Dog Mustard, Tumble Weed, *Field Bindweed, *Canada & Sow Thistle, *Leafy Spurge Red Root Pigweed, Russian Thistle, *Wild Buckwheat, *Hemp Nettle, Blue Bur	Seedlings (2-4 leaves) Growing Rapidly , Weeds in Bud, Dry or cool weather, Heavy infestation	(1.25) to (1.75)	(625) to (875)	0.8 to 0.6

The higher rates (in brackets) may cause crop injury which will frequently be offset by a higher yield from a less weedy crop.

*Top growth control only for these weeds.

Note re Hemp Nettle - This weed is completely resistant to 2,4-D Ester or Amine. MCPA Ester 500 or MCPA Amine 500 will give satisfactory top growth control.

Wheat, Barley and Rye: MCPA Amine is used for the control of susceptible weeds in wheat, barley and rye. Treatments can be made from the 3-leaf

expanded to the early flag-leaf stage, and again from the milk stage to full maturity. Treatments made between emergence and 3-leaf stage may cause crop injury, but are less likely to with MCPA Amine 500 than with 2,4-D amines. Winter wheat and fall rye should be treated in early spring, as soon as weeds appear, and before the crop reaches the shot-blade stage.

To Prepare a Spray: Add half the required amount of water to the spray tank, then add MCPA Amine 500 with agitation, and finally the balance of water with continued agitation. Provide agitation to ensure uniformity of spray mixture.

Selective Weed Control in Small Grains: Treat fall sown cereals in the spring between full tillering and early shot-blade stage. Weeds differ in their susceptibility to MCPA Amine 500 and not all types can be controlled satisfactorily in crops. The amount of MCPA Amine 500 to use will depend upon the susceptibility and whether the crops will tolerate this amount. See chart.

Selective Weed Control in Small Grains Underseeded with a Legume: MCPA Amine 500 may be used on grain interplanted with alfalfa (except Flemish types such as alfa or dupuits alfalfa), red clover, ladino clover and alsike. Do not use on grain interplanted with sweet clover or birdsfoot trefoil. Spray with no more than 700 mL/ha on red clover, ladino and alsike when legumes are at about the 2nd true leaf stage.

Oats: Oats are more tolerant of MCPA than 2,4-D. Spray when conditions of weeds warrant up to the flag-leaf stage (shot-blade).

Flax (linseed): Treat flax with MCPA Amine 500 when flax is 5 cm tall to just before the buds begin to form. Rates of MCPA Amine 500 over 1.1 L/ha may cause a delay in maturity which is usually more than offset by increased yield caused by weed control. Increased volumes of water up to 170 L will usually reduce the risk of crop injury.

Established Alfalfa and Grasses - Western Canada: To control such susceptible weeds as horsetail, hoary cress and shepherd's purse and other perennials or winter annuals, spray with MCPA Amine 500 at 1.1 to 2.0 L/ha before growth of legumes and grasses starts in the spring.

PRECAUTIONS:

CAUSES IRRITATION OF SKIN AND EYES.

Do not get in eyes.

Avoid contact with skin and clothing.

Wash skin with soap and plenty of water.
Remove and wash contaminated clothing and shoes before re-use.

KEEP OUT OF REACH OF CHILDREN.

FIRST AID

If swallowed, induce vomiting. GET MEDICAL ATTENTION.
In case of contact, flush eyes with plenty of water for
at least 15 minutes and get medical attention.

TOXICOLOGICAL INFORMATION

Treat symptomatically.

USE PRECAUTIONS

WARNING

Do not apply this product directly to, or otherwise permit it to come into contact with vegetables, flowers, grapes, fruit trees, ornamentals or other desirable plants which are sensitive to 2,4-D, 2,4,5-T or MCPA, 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). Accordingly, application by airplane, ground rigs and hand dispensers should be carried out only when there is no hazard from drift. At higher temperatures, vapourization may cause injury to susceptible plants growing nearby.

Do not use on lawns or pastures until grass has become well established. Most legumes are usually damaged or killed. Do not contaminate irrigation ditches or water used for domestic purposes. Do not store near fertilizers, seeds, insecticides or fungicides.

To avoid injury to desirable plants, do not store, handle or apply other agricultural chemicals with the same containers used for this product. To avoid injury to desirable plants, containers used for this product should not be reused to contain other materials. Spray equipment used to apply 2,4-D MCPA or 2,4,5-T should not be used to apply other pesticides to susceptible crops without first properly cleaning the sprayer.

Local conditions may affect the use of herbicides. Provincial agricultural authorities issue recommendations to fit local conditions.

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

If this product is exposed to temperatures below 0°C, it should be warmed to at least 5°C and mixed thoroughly before using.

DISPOSAL:

1. Rinse the emptied container thoroughly and add the rinsings to the spray mixture in the tank.
2. Follow provincial instructions for any required additional cleaning of the container prior to its disposal.
3. Make the empty container unsuitable for further use.
4. Dispose of the container in accordance with provincial requirements.
5. For information on the disposal of unused, unwanted product and the cleanup of spills, contact the regional office of Environmental Protection, Environment Canada.

NOTICE TO USER

This control product is to be used only in accordance with the directions on this label. It is an offence under the Pest Control Products Act to use a control product under unsafe conditions.

NOTICE TO BUYER - Seller's guarantee shall be limited to the terms set out on the label and subject thereto, the buyer assumes the risk to persons or property arising from the use or handling of this product and accepts the product on that condition.

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