

90.05.07

CLEAN CROP®

MCPA ESTER 500

HERBICIDE

COMMERCIAL

CAUTION

POISON

READ THE LABEL INSIDE BEFORE USING

GUARANTEE:

MCPA (present as mixed butyl esters)...500 grams/litre

REGISTRATION NO. 9548
PEST CONTROL PRODUCTS ACT

UNITED AGRI PRODUCTS
P.O. Box 22116
London, Ontario
N6C-4N0

NET: 10 L

PRECAUTIONS:

Do not apply directly to or otherwise permit contact with vegetables, flowers, grapes, fruit trees, ornamentals, or other desirable plants which are sensitive to MCPA ESTER 500 and similar materials and do not permit spray mist 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 applications by airplane, ground rigs, and hand dispensers should be carried out only when there is no hazard from drift. Since vapors of the esters contained in MCPA ESTER 500 may injure susceptible plants in the vicinity of application, use only where there is no hazard from such vaporization.

Excessive amounts of MCPA 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 MCPA ESTER 500. Do not store near fertilizers, seeds, insecticides or fungicides. Do not contaminate irrigation ditches or water used for domestic purposes.

Local conditions affect the use of herbicides. Provincial authorities issue recommendations to fit local conditions. Be sure that use of this product conforms to all applicable regulations.

CAUTION:

Causes irritation of skin and eyes. Do not get in eyes, avoid contact with skin or clothing. Remove and wash contaminated clothing and shoes before reuse.

FIRST AID:

In case of contact, flush eyes with plenty of water for at least 15 minutes and get medical attention; wash skin with soap and plenty of water.

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 clean-up of spills contact the regional office of Conservation and 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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DIRECTIONS FOR USE

MCPA ESTER 500 may be used to control most broadleaved weeds in Wheat, Oats, Barley, Rye, Flax, Pastures and Non-Crop areas. Apply MCPA ESTER 500 in the amount of water required for even distribution. Spray at low pressures (200 to 350 kPa) during warm weather when weeds are young and growing actively. See note under spray chart.

TO PREPARE A SPRAY: Add half the required amount of water to the spray tank, then add MCPA ESTER 500 with agitation, and finally the balance of the water with continued agitation. Provide agitation to ensure uniformity of spray mixture.

WARNING: If MCPA ESTER 500 is to be used in straight oil mixtures (as in aerial application) do not let water get into the MCPA ESTER or into the finished mixture

SPOT TREATMENT: For knapsack application of MCPA ESTER 500 for spot treatment of weeds such as thistles, mix 20 mL MCPA ESTER 500 in one litre of water. Mix well and wet all foliage thoroughly.

SELECTIVE WEED CONTROL IN SMALL GRAINS: Do not use on grain interplanted with a legume particularly alfalfa or sweet clover, unless

injury to the legume can be tolerated. Treat fall sown cereals in the spring, between full tillering and early shotblade stage. Weeds differ in their susceptibility to MCPA ESTER 500 and not all types can be controlled satisfactorily in crops. Weeds may be placed in five groups. The amount of MCPA ESTER 500 to use will depend upon the susceptibility and whether the crops will tolerate this amount. See chart below.

DOSAGE CHART

TYPE OF WEED AND SUSCEPTIBILITY TO MCPA ESTER 500	WHEAT, OATS, BARLEY, RYE (Not underseeded) mL of MCPA Ester 500/hectare	FLAX
Group 1 - Very susceptible: Wild Mustard	550	550
Group 2 - Susceptible: Lamb's-quarters, Common Ragweed, Tumbling Hare's ear, Ball and Wormseed Mustards, Stinkweed	700	700
Group 3 - Moderately susceptible: Russian Pigweed, Common Plantain, Wild Radish, Shepherd's Purse, Burdock, Sunflowers, Buckwheats	975	(975)*
Group 4 - Moderately resistant: Canada Thistle, Curled Dock, Annual Sow Thistle, Bindweeds, Red-root Pigweed, Smartweeds, Field Dandelion, Hempnettle Horsetail	1.5 L	
Group 5 - Perennials - Top Growth Only: Russian Thistle, Perennial Sow Thistle, Corn Spurry, Leafy Spurge, Russian Knapweed	(2.0 L)*	

NOTE: Rates recommended in chart above should be increased under adverse growing conditions or as weeds get older. *Rates in parentheses should be used where some crop damage can be tolerated. This is usually offset by the weed control obtained.

SMALL GRAINS: OATS - since oats have proven tolerant to MCPA ESTER 500 at all growth stages except during flowering, this herbicide can be applied as soon as weed conditions warrant.

WHEAT, BARLEY AND RYE: MCPA ESTER 500 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 flagleaf stage, and again from the milk stage to full maturity. Treatment made between emergence and 3-leaf stage may cause some crop injury, but are less likely to with MCPA ESTER 500 than with 2,4-D. Treatment is not recommended in late spring when the crop has reached the shotblade stage.

FLAX: Treat flax with MCPA ESTER 500 when flax is 5 cm tall to just before the buds begin to form. If seedling grasses, such as green foxtail, are a problem. Dalapon may be used alone or in the combination with MCPA ESTER 500.

ESTABLISHED ALFALFA, ALSIKE AND RED CLOVER: For control of yellow rocket and other susceptible winter annual weeds, spray with 1.0 to 1.50 litres MCPA ESTER 500 per hectare. Application must be made in very early spring before growth of alfalfa or clover has commenced.

MIXING CHART				
Litres of MCPA ESTER 500 to add to the spray tank*				
Dosage as Recommended		FOR Sprayer Capacity of		
Litres/hectare	1000 L	670 L	540 L	450 L
.55	12.8	8.5	6.8	5.7
.70	15.8	10.7	8.5	7.1
.975	22.0	14.9	11.9	9.9
1.50	31.8	21.3	17.1	14.3
2.0	47.6	32.0	25.6	21.4

*Assuming sprayer is to deliver 45 litres/hectare of final spray solution.

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