

92.05.11

CLEAN CROP(R)

MCPA AMINE 500

HERBICIDE

COMMERCIAL

CAUTION
POISON

ATTENTION
POISON

READ THE LABEL BEFORE USING

GUARANTEE:

MCPA (present as
Amine salt of MCPA)500 g/L

REGISTRATION NO. 14187
PEST CONTROL PRODUCTS ACT

UNITED AGRI PRODUCTS
R.R. #2
Dorchester, Ontario
N0L 1G5

NET: 10 L

DIRECTIONS FOR USE:

MCPA AMINE 500 is a selective foliage broadleaf killer. It is absorbed through the leaves or roots and is readily translocated in the plant. At recommended rates, MCPA persists up to one month in most conditions and up to 6 months in drier climates.

MCPA AMINE 500 contains an amine salt of MCPA which is soluble and can be diluted in water. MCPA may be applied at the recommended rate with any efficient sprayer, preferably of the low volume type, at approximately 200-350 kPa pressure. Apply in sufficient water necessary for even distribution. MCPA will damage many plants including - carrots, beans, sweet clover, flowers, vegetables, and drift of spray on these crops must be avoided. Do not spray in high winds. Spraying equipment must be washed after use. Use clean water. Do not apply in rain or frost, or when heavy rain is expected.

BARLEY, OATS, RYE, WHEAT: Annual and perennial broadleaf weeds susceptible:
ball mustard, bird's-rape, burdock, cocklebur, common plantain, common

ragweed, creeping buttercup, false ragweed, field horsetail, flixweed, giant ragweed, hare's-ear mustard, horsetail, Indian mustard, kochia, lamb's-quarters, mustards, prickly (lobed) lettuce, ragweed, Russian pigweed, shepherd's purse, stinkweed, sunflower, thyme-leaved spurge, tumble mustard, vetch, wild carrot, wild mustard, wild radish, wormseed mustard.

More resistant: alfalfa, American dragonhead, annual sowthistle, biennial wormwood*, bluebur, blue lettuce*, buttercup, Canada thistle*, chickweed, common peppergrass, curled dock, dandelion*, docks*, dog mustard, false flax, field bindweed*, field peppergrass, goat's-beard*, goosefoot, gumweed*, hairy galinsoga, hedge bindweed*, hemp-nettle*, hoary cress*, lady's-thumb, leafy spurge*, oak-leaved goosefoot, perennial sow-thistle*, pineappleweed, prairie sunflower, prostrate amaranth, purslane, redroot pigweed, Russian knapweed*, Russian thistle*, smartweed, stinging nettle, sweet-clover, sweet-gum, tall buttercup*, tansy mustard, Tartary buckwheat*, toadflax*, tumble pigweed, tumbleweed*, wild buckwheat*. *Top kill only.

Use MCPA AMINE 500 at the rate of 0.55 L-3 L in 200 L water per ha. Apply the lower rates, 0.55 L-1.1 L to susceptible weeds when weeds are young, 2 to 4 leaves, and are rapidly growing. Apply 1.1-1.7 L for less susceptible weeds or weeds which are in advanced growth stages, for hot and dry weather conditions and poor growth, or cold weather and slow growth. Apply 1.7 L-3 L for resistant weeds. Rates higher than 1.1 L per ha may cause severe crop injury.

Aircraft or Ground Application: BARLEY, RYE, WHEAT: Apply from emergence up to the early flag-leaf stage and again from milk-stage to full maturity. Best results are obtained when applied from the 1 to 4-leaf stage.

OATS: Apply from emergence or 1 to 4-leaf stage up until the early flag-leaf stage.

FALL BARLEY: Apply 0.55 L-1.7 L in spring, from emergence up to the flag-leaf stage.

FALL RYE: Apply 0.55 L-1.7 L in early spring as soon as weeds appear up until the crop is in the early flag-leaf stage. If treatment is necessary between the 3 to 6-leaf stage, use 0.55 L per ha. Apply 0.85 L-1.15 L in late September or early October before freeze-up to control flixweed and stinkweed.

FALL WHEAT: Apply 0.55 L-1.7 L in spring after emergence up to the flag-leaf stage. Do not treat between flag-leaf stage and milk stage. If treatment is necessary between the 3 to 6-leaf stage use 0.55 L per ha.

CORN (FIELD, SWEET): Annual and perennial broadleaf weeds susceptible: annual fleabane, annual sowthistle, bird's-rape, bluebur, burdock, cocklebur, false flax, false ragweed, field horsetail, flixweed, kochia, goat's-beard, great ragweed, lamb's-quarters, mustards (except dog and tansy), plantain, Prickly (lobed) lettuce, ragweeds, Russian pigweed, Russian thistle, shepherd's-purse, stinging nettle, stinkweed, sunflower, wild carrot, wild radish.

More resistant: blue lettuce*, bull thistle*, buttercup*, Canada thistle*, chicory*, common chickweed, curled dock (young), curled dock*, dandelion*,

dog mustard, field bindweed*, giant ragweed, goosefoot, groundsel, gumweed, hawkweed, healall, hedge bindweed*, hoary cress*, horsetail*, knotweed (young), leafy spurge*, mouse-eared chickweed*, oak-leaved goosefoot, pepper grass, pineappleweed, purslane, redroot pigweed, sheep sorrel, smartweed*, sow-thistle*, tall buttercup, tansy mustard, Tartary buckwheat*, teasel*, toadflax, tumbleweed*, velvetleaf, wild buckwheat, wormwood*, yellow rocket (young), yellow rocket*. * Top growth only.

Use MCPA AMINE 500 at the rate of 0.55 L-1.7 L in 200 L of water per ha.

Aircraft or Ground Application: POSTEMERGENCE TREATMENT: Apply as an overall spray up until corn is 15-18 cm tall after which a directed spray should be used up until corn is 45 cm in height. Use the lower rate 0.55 L-1.1 L for susceptible weeds having 2 to 4 leaves and growing rapidly. Use the higher rate 1.1-1.7 L when weeds are at a more advanced stage of growth or if soil conditions are dry therefore causing slow growth, or if area is heavily infested with weeds. Avoid cultivation for 2 to 3 weeks following spraying. In case of drought, delay spraying until one week following rain. Consult cannery for susceptibility of sweet corn since some varieties may be injured when taller than 15 cm or rates exceed 0.55 L per ha. Field corn should not be sprayed later than 3 weeks before tasseling. Higher rates than 1.1 L may cause severe injury to crop but this is usually offset by better weed control.

FLAX Susceptible: ball mustard, bird's-rape, common ragweed, false ragweed, flixweed, giant ragweed, hare's-ear mustard, kochia, Indian mustard, lamb's-quarters, prickly (lobed) lettuce, Russian pigweed, shepherd's-purse, stinkweed, thyme-leaved spurge, tumble mustard, wild carrot, wild mustard, wild radish, wormseed mustard, vetch.

More resistant: alfalfa, annual sow-thistle, biennial wormwood, bluebur, blue lettuce*, burdock, Canada thistle*, cocklebur, common plantain, curled dock, dandelion, dog mustard, field bindweed*, giant ragweed, goat's-beard, gumweed, hairy galinsoga, hedge bindweed, hemp-nettle, hoary cress*, horsetail*, lady's thumb, leafy spurge*, oak-leaved goosefoot, peppergrass, perennial sowthistle*, pineappleweed, purslane, redroot pigweed, Russian knapweed*, Russian thistle, smartweeds, sweet-clover, sunflower, tall buttercup, tansy mustard, Tartary buckwheat, toadflax, tumble pigweed, tumbleweed, wild buckwheat*. * Top growth only.

Use MCPA AMINE 500 at the rate of 0.55 L-1.7 L in 200 L of water per ha.

Aircraft or Ground Application: Spray when the crop is 5 cm tall or is in the true-leaf stage, until prebud formation. Apply when crop is small to reduce shock. Apply as soon as there is enough weed emergence to make spraying practical. Apply the lower rate for susceptible weeds when weeds have 2 to 4 leaves and are growing rapidly. Use the higher rates for more resistant weeds, advanced weed growth, dry or cold weather conditions, or poor or slow growth. Better control of hemp-nettle, horsetail, smartweed, and wild buckwheat will result from two treatments of 0.7 L each. Apply first treatment then one week later follow with second treatment starting when weeds are in the 2-leaf stage. Rates higher than 0.85 L may cause injury to crop.

ESTABLISHED PASTURE AND ALFALFA STANDS: To control annual and perennial weeds such as Canada thistle, buttercup, horsetail spray with MCPA AMINE 500 at 1.1-2 L in 40-150 L/ha. Legumes may be injured at higher rates. Treat weeds at early bud stage. Do not graze livestock on treated pasture within 7 days of application. Do not use on sweet clover.

NOTE: If subjected to freezing temperature, MCPA AMINE 500 should be warmed to at least 2 deg. C and mixed thoroughly before using. Do not store below -13 deg. C. Do not use in greenhouse.

PRECAUTIONS: KEEP OUT OF REACH OF CHILDREN. Avoid contact with skin, eyes or clothing. Do not breath spray mist. Avoid spray drift to susceptible plants as this product may injure tomatoes, grapes, tobacco, sugar beets, most vegetables, shrubs and ornamentals and high rates may injure legumes. Coarse sprays are less likely to drift. Do not contaminate irrigation ditches, fish ponds, lakes and water used for domestic purposes. Clean your spray equipment thoroughly before using for other purposes. (Use hot soap suds, followed by soaking and washing with ammonia or baking soda.) Do not store near fertilizers, seeds, insecticides or fungicides, or other pesticides. Do not contaminate soil where roots of desirable plants may extend. Excessive amounts of MCPA in the soil may temporarily inhibit seed germination or plant growth. Do not contaminate food or feeds. Do not mix with liquid fertilizers containing nitrogen. Keep away from fire, open flame, lighted electric bulbs and other sources of heat. Allow 7 days between application of product and grazing/cutting for hay/feed.

FIRST AID: If swallowed, induce vomiting and get medical attention or contact a poison control centre. For eye contact flush with plenty of water for 15 minutes. Get medical attention. For skin contact, wash with soap and water. Remove contaminated clothing and wash before reuse.

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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