# MCPA Amine 500

## **HERBICIDE**

MCPA Amine is a cost-effective herbicide that controls a wide range of broadleaf weeds in pea, oat, flax, cereal grains, field corn, seedling and established grasses, and rangeland. It is useful for controlling weeds when establishing

legumes that are undersown to small grains. MCPA Amine is an effective broadleaf herbicide for managing herbicide resistant weeds.

**GUARANTEE:** MCPA (present as dimethylamine salt) 500 g/l.

#### **REGISTERED CROPS AND TIMING**

Crop	Timing				
Wheat Barley Rye	Expanded 3-leaf to the early flag leaf and again from milk stage to full maturity. Treatment between emergence and 3-leaf may cause some crop injury but less than 2,4-D.				
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Oat	From emergence up to the flag leaf stage. Between the 3- and 6-leaf stages, use the lowest cereal rate.				
Flax	Between 5 cm tall (2 inches) or is in the true leaf stage to just before buds begin to form. Apply when the crop is small to reduce shock. Do not use on low linolenic acid varieties.				
Pea (field and canning)	Treat when 10-18 cm (4-7 inches) tall. This treatment is not recommended in Nova Scotia.				
Corn (field and sweet)	Apply as an overall postemergence spray until the corn is 15-18 cm (6 -7 inches) after which a directed spray should be used up until corn is 45 cm (18 inches) in height. Field corn should not be sprayed any later than 3 weeks before tasseling.				
Small grains undersown with a legume	Use on grain interplanted with alfalfa (except early maturing varieties), red clover, ladino clover and alsike. Spray with no more than 0.35-0.70 L/ha (0.14-0.28 L/acre) when legumes are about the second true leaf stage. Do not use on grain undersown with sweet clover or birdsfoot trefoil.				
Established pastures, alfalfa stands, alsike and red clover and grasses	In the late fall after the legume tops have been killed by frost. Spring applications before the legumes have started growing. Do not apply to early maturing alfalfa varieties.				
Turf, fairways, and lawns	Apply when weeds are actively growing. When using tank-mixes, consult tank-mix partner for further timing recommendations.				
Asparagus	Apply following a cultivation just before the first spears appear. Treatment may be applied at end of cutting season.				



### **ALWAYS READ THE LABEL BEFORE USE**

	WEEDS A	AND RATES			
VERY SUSCEPTIBLE: Use 550 mL/ha (223 mL/acre).  Wild Mustard  SUSCEPTIBLE: Use 700 mL/ha (283 mL/acre).		MODERATELY RESISTANT: Use 1.5 L/ha (600 mL/acre).			
		Alfalfa	Peppergrass		
		American dragonhead Annual sow thistle	Pineappleweed Prairie sunflower		
Ball mustard	Kochia	Bluebur	Prostrate amaranth  Purslane		
Bird's-rape	Lamb's quarters	Buttercup			
Common ragweed	Mustards	Chickweed			
Creeping buttercup	Prickly (lobed) lettuce	Curled dock	Redroot pigweed Smartweeds		
False ragweed	Ragweed				
Field horsetail	Stinkweed	Dog mustard	Stinging nettle		
Flixweed	Sunflower	False flax	Sweet-clover		
Giant ragweed	Tumbling mustard	Field peppergrass	Sweet-gum		
Hare's-ear mustard	Vetch	Goosefoot	Tansy mustard		
Indian mustard	Wormseed mustard	Hairy galinsoga	Tartary buckwheat		
MODERATELY SUSCEPTIBLE:  Use 1.0 L/ha (400 mL/acre).		Lady's thumb	Tumble pigweed		
		Oak-leaved goosefoot			
Burdock	Russian pigweed				
Cocklebur	Shepherd's purse				
Common plaintain	Thyme-leaved spurge				
Dandelion (lawns)	Wild radish				

WEEDS AND RATES					
PERENNIALS AND TOP GROWTH CONTROL: Use 1.5-2.5 L/ha (600 mL-1 L/acre)					
Biennial wormwood	Hoary cress				
Blue lettuce	Horsetail				
Canada thistle	Leafy spurge				
Corn spurry	Perennial sow thistle				
Dandelion (fields)	Russian thistle				
Docks	Russian knapweed				
Field bindweed	Tall buttercup				
Goat's-beard	Toadflax				
Gumweed	Tumbleweed				
Hedge bindweed	Wild buckwheat				
Hemp nettle	Wild carrot				

Tank mixes register	ed on either MCPA Amine			
or tank-n	nix partner label.			
H	Ierbicides			
Ally®	Glyphosate®			
Avenge <sup>®</sup>	Hoe-Grass II®			
Banvel II®	Horizon <sup>®</sup>			
Bromoxynil®	Linuron®			
Dicamba®	Lontrel®			
Everest <sup>®</sup>	Mecoprop <sup>®</sup>			
Express Pak/Exress	Puma Super®			
TNG°	Refine Extra TNG®			
Fusion®	Sencor <sup>®</sup>			
Ir	nsecticides			
Decis®	Lorsban®			
Fi	ungicides			
Tilt®	uii 6 iciaco			

Check rates with crop recommendations to ensure crop tolerance.



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**WATER VOLUME:** Use 50 - 200 L/ha (4.5- 18 gal/acre) for ground application. Aerial application uses a minimum of 30 L/ha (2.67 gal/acre).

**CAUTION:** Avoid spray drift to any sensitive vegetation. Spray during environmental conditions that minimize drift. Excessive amounts of MCPA Amine may temporarily inhibit seed germination or plant growth.

**RAINFAST:** Rainfall within 4 hours will reduce control.

**PREHARVEST INTERVAL:** Do not graze fields within 7 days of application.

**RE-ENTRY TIME:** Do not enter treated areas until spray has dried thoroughly. Do not allow people (other than the applicator) or pets on treated areas during application.

PACKAGE SIZE: 2 x 10L

NOTES:

**RESIDUAL CONTROL:** None.

**ADDITIONAL:** Best weed control occurs when weeds are actively growing. If applying to flax, injury and a delay in maturity may result from application under hot or humid conditions.

**SURFACTANT NEEDED:** Not required.

**RE-CROPPING:** No restrictions the year after treatment.

**STORAGE:** Prevent from freezing. Product exposed to freezing temperatures should be warmed to 5° C and mixed thoroughly.

**HERBICIDE GROUP**: Group 4.

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West: 1-800-561-5444 Ontario: 1-800-265-4624 Quebec & Maritimes: 1-800-361-9369