

MCPA 750

Similar to: *Agritone*[®]

Active constituent	MCPA as dimethylamine salt 750g/L	Formulation	SL
Typical situations	Wheat, barley, oats, triticale, and grass pasture (see registration section).		
Chemical group	4 (I)		
Mode of action	Foliar and some root uptake, readily translocated—causes unregulated growth.		
Typical pack size	20L, 110L, 1000L		
Poison schedule	6	Dangerous goods class	–
		UN	–
		Packing code	–
Withholding period	Harvest Not required when used as directed.		
	Grazing Do not graze or cut for stock food for 7 days post application.		
Plant back	N/A		
Application method	Boom spray 30–120L/ha, aerially 10–90L/ha.	Rain fastness	6hrs
Efficacy	Apply to young actively growing weeds at correct crop stage to maximise efficacy and minimise risk of crop damage. Apply to perennial weeds prior to budding to maximise translocation.		
Adjuvants	None required.		
Compatibility	Bromoxynil, Dicamba, Diflufenican, Diuron, IMIs, Picolinafen, SU Herbicides, Terbutryn, most fungicides and insecticides.		
Incompatibility	Copper and zinc sulphates, Chlorpyrifos, grass selectives and Organophosphate insecticides.		
Water quality	Hard water (>200ppm calcium carbonate), muddy and alkaline water may reduce efficacy.		
Time to effects and symptoms	1 week—unregulated growth, chlorosis, twisting and wilting.		
	2–4 weeks—plant death.		
4F Broadacre registrations	Cereals, field peas and pastures (extract listed).		
4F Other registrations	Linseed, sugarcane, flax, rice, and turf (see label).		
Similar product registrations	As above.		

Situation	Target Weed/s	Rate/ha	Comments
Cereals (5-leaf to flag-leaf emerging Z15–Z37)	Bathurst burr, cape tulip, dandelion, field bindweed, flatweed, hedge mustard, London rocket, lupins, mustards, noogoora burr, stinkwort, saffron, slender, variegated, wild radish, wild turnip	600ml–1.35L	Spray weeds that are young seedlings, at bud or rosette stage, prior to flowering, not exceeding 100mm. The closer the weeds are to exceeding the above listed boundaries, increase rates.
Cereals (3–4-leaf Z13–Z14)	Capeweed, doublegee, erodium, mustards, rapistrum, wild turnip, wild radish	270ml + 278g Diuron 900	Crop and weeds should be dry at time of application. Don't apply to undersown medics. Some crop yellowing may occur. Undersown sub-clovers may display some retardation.

Comments

- At certain growth stages, cereals are sensitive to Phenoxy herbicides—adherence to label recommendations for application timing is important to avoid yield losses. See 4Farmers label recommendations for Phenoxy Herbicide Application on cereal crops in Appendices.
- Synergistic with Diuron; greater activity than that of the two individually applied products.
- MCPA 750 is suitable for use with the spray-graze technique—considered softer on pasture legumes than other Phenoxy products.
- Anecdotal evidence suggests 330ml/ha of MCPA 750 + 50–100ml/ha of Carfentrazone may provide control of Phenoxy resistant wild radish populations.

