

DANGER
KEEP OUT OF REACH OF CHILDREN
EYE CORROSIVE
ECOTOXIC



Maree Zinzley
Manager Approvals Operations
Regulation and Assurance



MCPA AMINE 750 HERBICIDE

GROUP **01** HERBICIDE

Selective herbicide for the control of many broadleaf weeds in established pastures, grass playing fields and lawns, and in cereals, grass seed and linseed crops

READ THE ATTACHED BOOKLET COMPLETELY BEFORE MIXING OR APPLYING

Active Ingredient:

Contains 750 g/L MCPA as the DIMETHYLAMINE SALT
in the form of a soluble concentrate

ADAMA New Zealand Limited
Level 1, 19 Elms Street,
Wakatu Estate
Stoke 7011 New Zealand
PO Box 1799
Nelson 7015 New Zealand
Telephone 03 543 8275
adama.com

NET CONTENTS

5, 10, 20, 110,
200, 1000 L

ADAMA

ESSENTIALS

Refer to booklet for full label instructions.

HAZARD CLASSIFICATIONS 6.1D, 6.9A, 8.3A, 9.1A, 9.2A, 9.3B



DANGER



CORROSIVE (EYE)



ECOTOXIC

APPROVED HANDLER - This product must be under the care of an approved handler when it is applied in a wide dispersive manner or used by a commercial contractor.

RECORD KEEPING - Records of use, as described in NZS 8409 Management of Agrichemicals, must be kept whenever MCPA Amine 750 is used.

TOXICITY

Warning –

**May be harmful if swallowed, inhaled or absorbed through the skin.
May cause liver damage from repeated oral exposure at high doses.**

Danger –

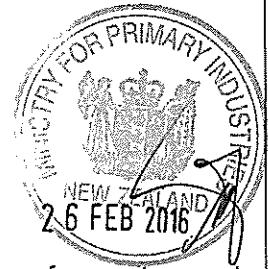
**May cause serious eye damage.
Avoid skin and eye contact and inhalation of spray mist and vapours.**

ECOTOXICITY

Very toxic to aquatic organisms. Do not apply onto or into water. Avoid contamination of any water supply with chemical or empty container.

Very toxic to the soil environment.

Toxic to terrestrial vertebrates.



HANDLING PRECAUTIONS

Keep out of reach of children. Do not eat, drink or smoke while using.

Use only outdoors or in a well-ventilated area.

Equipment

Apply using well maintained spray equipment that is accurately calibrated to apply 100-300 litres of *water/ha* for ground spraying and 30-100 litres of *water/ha* for aerial spraying. Use higher water rates for larger weeds

Storage

Store in original container tightly closed and in a locked, dry, cool area away from foodstuffs, seeds and fertilisers. Store in accordance with NZS 8409 Management of Agrichemicals.

Stores containing 100 litres are subject to signage and secondary containment, and more than 100 litres require emergency response plans.

Transport

Do not carry greater than 1 litre of this product on a passenger service vehicle.

Personal protection

When mixing or applying wear appropriate protective clothing including cotton overalls buttoned to the neck and wrist, impervious, elbow-length gloves, and eye protection. Remove protective clothing and wash hands, arms and face with soap and water before meals and after work.

Shelf life

When stored appropriately this product should show no significant degradation for two years from the date of manufacture. Contact your supplier for further information about the use of any product that is older than this.

Spillage

Exclude all bystanders from the vicinity of the spill and prevent material from entering waterways. Wear appropriate protective clothing as in the Precautions box of this label to clean up spills. Absorb spills with an inert material (such as vermiculite, earth, sand or synthetic absorbent substance) and place in waste containers. Wash area with water and alkaline detergent then absorb any remaining liquid with further inert material. Dispose of the waste safely in an approved landfill.

Disposal

Container Disposal - Triple rinse empty container and add rinsate to spray tank. Submit clean empty container to an Agrecovery® depot for recycling. Alternatively, burn in an appropriate incinerator if circumstances such as wind direction permit, or puncture and bury in a suitable landfill. Avoid contamination of any water supply with product or empty container.

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FIRST AID

Contact the National Poisons Centre 0800 POISON (0800 764766) or a doctor for advice or if you feel unwell.

If swallowed, rinse mouth but do NOT induce vomiting.

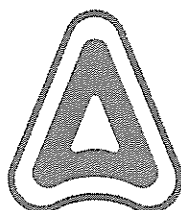
If skin or hair contact occurs, remove contaminated clothing and wash with plenty of soap and water. Wash contaminated clothing before reuse.

If splashed in eyes, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. **Immediately call a POISON CENTRE or doctor.**

If inhaled, move the victim to fresh air and keep at rest in a position comfortable for breathing.

CONDITIONS OF SALE

Adama New Zealand Limited will not accept any responsibility whatsoever and howsoever arising and whether for consequential loss or otherwise in connection with the supply of these goods other than the responsibility for the merchantable quality of the goods and such responsibilities mandatorily imposed by the Statutes applicable to the sale and supply of these goods. To the extent allowed by such Statutes the liability of Adama New Zealand Limited is limited to the replacement of the goods or (at the option of Adama New Zealand Limited) the refund of the price paid and is conditional upon a claim being made in writing and where possible sufficient part of the goods to enable proper examination being returned to Adama New Zealand Limited within thirty days of delivery.



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Adama® is a registered trademark of an ADAMA Group Company



EMERGENCY RESPONSE

(All hours)

Ring from anywhere in New Zealand
0800 734 607

In a Transport
Emergency
Phone 111
Police or Fire

Batch Number:
Date of Manufacture:

Bar code to be inserted

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SAFETY DATA SHEET

A Safety Data Sheet for this product is available at adama.com or from Adama New Zealand Limited on request. Call 03 543 8725.

Beware: Apply this product carefully. Spray drift may cause serious damage to desirable plants. A strategy to minimise spray drift should be employed at all times when applying spray near aquatic environments. Ensure compliance with relevant regional air management plans. To minimise the risk of damage from drift of this product, especially where susceptible vegetation is within 0.5km, use low drift nozzles which minimise the production of small droplets (less than 100 microns). Maintain a water rate of at least 30 litres/ha for aerial spraying. Do not add additional wetter unless specified on the label. Preferred wind conditions for spraying are a light constant breeze away from any sensitive crop.

EQUIPMENT

Apply using well maintained spray equipment that is accurately calibrated to apply 100-300 litres of water/ha for ground spraying and 30-100 litres of water/ha for aerial spraying. Use higher water rates for larger weeds.

MIXING

Pour the measured quantity of MCPA Amine 750 Herbicide into the partly filled spray tank, then top up with water. Agitate thoroughly during filling and spraying.

CLEANING

Flush equipment thoroughly with clean water after use. If the spray unit which has applied MCPA Amine 750 Herbicide is to be used for the application of other chemicals to sensitive crops, ensure the unit is completely decontaminated using procedures recommended for phenoxy herbicides.

RESISTANCE MANAGEMENT

MCPA Amine 750 Herbicide contains the GROUP O1 phenoxy herbicide, MCPA. Naturally occurring biotypes resistant to MCPA Amine 750 Herbicide and other phenoxy herbicides are known to exist. Species with known resistant biotypes include nodding thistle, giant buttercup and slender winged thistle. Do not use another product containing a herbicide in the same group in conjunction with MCPA Amine 750 Herbicide, and where possible alternate the types of herbicides used within any one paddock over time. Herbicides from different group codes should either be used alternately or mixed together where appropriate to prevent the numbers of resistant individuals building up.

ANIMAL SAFETY

Poisonous plant may become more palatable after spraying, and stock should be kept away from the area until treated plants have died down.

GENERAL COMMENTS

It is an offence for users of this product to cause residues exceeding the relevant MRL in the New Zealand (Maximum Residue Limits of Agricultural Compounds) Food Standards.

MCPA Amine 750 Herbicide is damaging to clovers. To minimise clover damage, especially where clovers are actively growing, hard graze to remove as much clover leaf as possible before spraying.

Weeds are best controlled as small seedlings. Use the lower rate on seedlings and young plants, and the higher rate on larger weeds or during periods of hardened growth. Established perennial weeds may not be well controlled. Do not apply when crop or weeds are stressed. Weed control may be unsatisfactory where low soil temperatures inhibit plant growth.

In established pastures spray weed seedlings in late autumn/early winter, after clover growth has frosted.

Spraying should be carried out in fine calm weather when weeds are dry. Rainfall within 2 hours may reduce efficacy.

WEEDS CONTROLLED

MCPA Amine 750 Herbicide controls or severely checks the following:

Bathurst bur, black nightshade, burdock, buttercups (celery leaved, creeping*, giant*, and water), catsear, daisy, dandelion, fathen, field cress, fumitory, hawkbit, hedge mustard, hoary cress, mouse-eared hawkweed, nettles, Onehunga weed, oxtongue, pennycress, plantain, ragwort*, redroot, shepherd's purse, storksbill, thistles (Californian*, nodding*, Scotch, sow, star, welted*, winged* and variegated), tiger weed (beggar's ticks), twin cress, watercress*, wild turnip.

*Note

Californian thistle, creeping and giant buttercup, watercress – Apply MCPA Amine 750 Herbicide at flower bud formation. Repeat or annual treatment may be necessary.

Thistles – nodding, winged, welted – Apply MCPA Amine 750 Herbicide in late autumn after the main strike. Repeat in spring where necessary.

Ragwort: MCPA Amine 750 Herbicide will control ragwort seedlings and small rosettes. Large rosettes or multicrowns require spot treatment with other herbicides.

Crop	Rate per Hectare	Notes
Cereals – Barley, Wheat, Ryecorn Oats	0.75 – 1.5 litres 0.75 – 1.5 litres	From 5 leaf stage to start of jointing. From 1 leaf stage to start of jointing. Do NOT use MCPA Amine 750 Herbicide on undersown cereals. Use MCPB.
Grass seed	0.75 – 1.8 litres	Apply soon after shutting up.
Linseed	1 litre	Up to flower bud stage.
Pastures, lawns, playing fields	1.5 – 3 litres	See "General Comments". On new pastures use Thistrol [†] Plus for maximum clover protection.

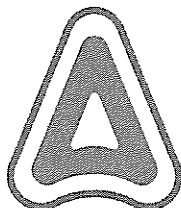
Knapsack: Use 25-50 mL per 10 litres of water. Use the high rate for perennial or hard-to-kill weeds.

Motorised Mist Blower: Use 130 mL per 10 litres of water. Operate machine at middle setting. Best plant cover is obtained by allowing the airstream to gently move the foliage of the weeds being sprayed.



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†Thistrol is a trade mark of Nufarm Limited

