

**CORROSIVE
DANGER – KEEP OUT OF REACH OF CHILDREN. ECOTOXIC**


ravensdown

HERBICIDE

GROUP 4

Pasture Guard[®] MCPA 750

For the control of broadleaf
weeds in pastures, and cereals

ACTIVE INGREDIENT:

Contains 750g/litre MCPA as the dimethylamine
salt in the form of a soluble concentrate.



Registrant: Ravensdown Ltd
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BATCH:
D.O.M:

NET CONTENTS
20 Litres

ravensdown 



PASTURE GUARD[®] MCPA 750 | READ LABEL CAREFULLY BEFORE USING

This product must not be used for any purpose, or in any manner, contrary to the label unless authorised under appropriate legislation.

HAZARD CLASSIFICATION: 6.1D, 6.9A, 8.3A, 9.1A, 9.2A, 9.3B

QUALIFIED PERSON: This product must be under the control of a Qualified Person or Contractor, as per Part 4C of the Hazardous Property Controls EPA Notice.

CORROSIVE

Danger - this product is corrosive and may cause eye damage.

TOXICITY

Toxic - May cause organ damage from repeated oral exposure at high doses.

Harmful - Harmful if swallowed.

ECOTOXICITY

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

Very toxic to the soil environment.

Selective herbicide - very toxic to some plant species. Decontaminate spray equipment before use on a sensitive crop.

Beware - apply this product carefully. Spray drift may cause serious damage to desirable plants. Ensure compliance with any relevant regional air management plans. Do not allow spray drift over aquatic environments.

Harmful to terrestrial vertebrates.

HANDLING PRECAUTIONS

STORAGE

Keep out of reach of children. Store in accordance with NZS 8409 Management of Agrichemicals. Store in original container tightly closed in a locked, dry, cool, well ventilated area away from foodstuffs, fertilisers and seeds. Stores containing 100L of PASTURE GUARD MCPA 750 are subject to signage and secondary containment. More than 100L require emergency response plans.

PERSONAL PROTECTION

Avoid contact with skin and eyes and do not inhale spray mist. When handling wear protective clothing such as chemically resistant gloves and boots, eye protection and overalls. Wash splashes of concentrate from skin and eyes immediately. Remove protective clothing and wash hands and face thoroughly before meals and after work. Do not eat, drink or smoke while using.

EQUIPMENT

Apply using well maintained and accurately calibrated equipment. Flush equipment thoroughly with clean water after use.

RECORD KEEPING

Records of use as described in NZS 8409 Management of Agrichemicals must be kept.

DISPOSAL

Triple rinse container and add rinsate to spray tank. Triple rinsed containers containing the Agrecovery logo on the label and that are free of all residues and have an intact legible label may be taken to an Agrecovery collection site for disposal. Otherwise crush or puncture and bury in an approved landfill. Do not burn container. Do not use container for any other purpose. Dispose of product only by using according to label directions or dispose of safely at a managed landfill.

FIRST AID

If medical advice is needed, have product container or label at hand. If swallowed, Rinse mouth. DO NOT induce vomiting. If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. If contact with eyes occurs wash out immediately with running water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician. If inhaled, move the patient to fresh air immediately. Begin artificial respiration if breathing has stopped. For advice, contact the National Poisons Centre 0800 POISON (0800 764 766) or a doctor if you feel unwell.

SPILLAGE

In case of spillage, wear appropriate protective clothing and prevent material from entering waterways. Exclude non-essential people from the area. Contain liquid spills and absorb with inert material such as soil or sand and place in waste containers. Wash area with water and absorb with further inert material. Dispose of waste safely in an approved landfill.

EMERGENCY RESPONSE

In transport emergency call 111, Police or Fire Brigade. For 24hr specialist advice in an emergency only call **0800 CHEMCALL (0800 243 622)**.

SAFETY DATA SHEET

If additional safety information is required, refer to the Safety Data Sheet. For a copy, contact the customer centre on 0800 100 123.

TRANSPORT

Do not carry this product on a passenger service vehicle.

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.

GENERAL DIRECTIONS

Before opening, carefully read warning statement, precautions instructions, first aid instructions and directions for use. Best results are obtained when weeds are not under stress. Take all reasonable steps to ensure that the substance does not cause any significant adverse effects to the environment beyond the application area.

PASTURE MANAGEMENT

Graze the area prior to spraying to reduce clover leaf and to expose target weeds. Leave for one week to allow weeds to recover from grazing.

APPLICATION

Boom: Use 200-300L of water.

Knapsack: 5ml in 1L of water.

Handgun: 500ml in 100L of water.

TIME OF APPLICATION

Autumn, early winter or early spring treatment is recommended for best control. During mid-winter when

weeds are growing less actively, variable results can occur. Do not apply to any weeds under stress (frost, drought). Avoid application prior to expected heavy rain.

MIXING

Mix required quantity in spray tank partly filled with water and maintain agitation through filling and spraying.

COMPATIBILITY

PASTURE GUARD MCPA 750 is compatible with most commonly used herbicides.

SPRAYER DECONTAMINATION

Always wash tank and flush equipment thoroughly with clean water after use. To avoid subsequent injury to sensitive crops, immediately after spraying thoroughly remove all traces of PASTURE GUARD MCPA 750 from mixing and spraying equipment as follows:

1. Drain tank, then flush tank, booms and hoses with clean water.
2. Half fill the tank with clean water and add 500g of an alkali detergent per 100L of water. Circulate through the system for at least 15 minutes with agitation then drain.
3. Drain the whole system.
4. Nozzles and filters should be removed and cleaned separately.
5. Finally, rinse tank thoroughly with clean water, flush through hoses and boom and allow to drain.

ANIMAL SAFETY

Poisonous plants such as ragwort may become more palatable after spraying. If concerned that stock health maybe affected, stock should be kept away from the treated area until plants have died down. Delay grazing for two weeks after spraying as treated weeds will be palatable to stock.

CLOVER

High rates of PASTURE GUARD MCPA 750 may cause temporary suppression of clovers, particularly red, subterranean and suckling clovers.

RAINFALL

DO NOT spray if rain is expected within six hours of spraying.

RESISTANCE MANAGEMENT:

PASTURE GUARD MCPA 750 contains mcpa, a **GROUP 4 HERBICIDE** from the phenoxy carboxylic acid chemical group with the action like indole acetic acid (synthetic auxins) mode of action. Naturally occurring weed biotypes resistant to phenoxy herbicides are known to exist. These become more prevalent after many years of continuous use of the product. Species with known resistant biotypes include nodding thistle, slender winged thistle and buttercups. To prevent or delay development of resistant biotypes, consider using PASTURE GUARD MCPA 750 in tank mixture or rotation with herbicides of a different mode of action against the weed. Consult www.resistance.nzpps.org/ for alternative modes of action and details of resistance management strategies (if any) for the crops listed on the label.

DIRECTIONS FOR USE

It is an offence for users of this product to cause residues exceeding the relevant MRL in the Food Notice: Maximum Residue Levels for Agricultural Compounds.

Crop	Weeds controlled	Rate	Critical comments
Cereals (wheat, oats and barley)	Black nightshade, seedling docks, fathen, hedge mustard, nettle, shepherd's purse, wild turnip, redroot and weeds shown under pasture below	1.5L in 200-300L of water	Apply when weeds are at the 2-6 leaf stage and growing actively. Spray when the crop is between the 5 leaf stage and jointing. Do not use on cereals undersown with clovers.
Linseed	For weeds mentioned under cereals above	750 - 900ml in 200-300L of water	Apply while the crop is between 8cm in height and early bud formation. Weeds should be young and actively growing.
Pasture	Annual buttercup and hedge mustard	1.5 - 2L in 200-300L of water	Apply the lower rate on seedlings and younger plants.
	Nodding thistle	1.5 - 2L in 200-300L of water	Apply the lower rate on small rosettes with a crown of less than 2cm in diameter. Use the higher rate for plants with a crown 2-4cm in diameter and apply before flower stalk development. Thistles with root crowns greater than 4cm diameter and multi crown plants are not well controlled.
	Variegated thistle	1.5 - 2L in 200-300L of water	Apply the lower rate to seedlings and the higher rate on small rosettes less than 15cm in diameter.
	Winged thistle	1.5 - 2L in 200-300L of water	Apply the lower rate to seedlings and the higher rate on rosettes prior to flower stalk emergence.
	Catsear, dandelion, nettle, plantains, twin cress, wild turnip and willow weed	2 - 3L in 200-300L of water	Treat young plants while actively growing.
	Hoary cress and creeping mallow	3L in 200-300L of water	Apply in early Spring during active growth. Follow up treatments may be necessary. If clover is important, use PASTURE GUARD MCPA 750 1.5L/ha plus Pasture Guard Nurture 3L/ha.
	Californian thistle and perennial buttercups	2 - 3L in 200-300L of water	Apply at early flower bud stage when plants are about 30-40cm high. Repeat treatments are likely to be required. Apply the first treatment in early Summer followed with a second treatment in Autumn. A third application the following summer is also usually necessary.
Scotch thistle	1.5 - 2.0L in 200-300L of water	Apply low rate on seedling and young plants.	
Hard to kill thistles			In areas where Thistles have been found to be hard to control add Multiple at 100ml/ha. If Multiple is added severe suppression of perennial clover may occur and annual clovers may be removed from the sward.
Grass seed crops	For the control of the weeds listed for cereals	0.7 - 1.7L in 200-300L of water	Weeds should be young and actively growing.

WARRANTY AND LIMITATION

IMPORTANT: Read this notice before opening the container.

The registrant warrants that when packed the active ingredient of this product is as specified on this label within accepted analytical tolerances. The registrant gives only those other warranties that are required by law in relation to this product and limits its liability to the cost paid by the claimant for the product. The registrant declines all liability for damage resulting from the handling, storage or use of this product. The user bears the risk from the handling, storage or use of this product. The registrant is not liable for any use of this product which is contrary to the label directions given or any Act or Regulation.

Registered pursuant to the ACVM Act 1997, No.P8363. See www.foodsafety.govt.nz for registration conditions. Approved pursuant to the HSN0 Act 1996, Code: HSR000381. See www.epa.govt.nz for approval controls.

Agrecovery is available on plastic containers up to 60L and for plastic or steel large drums from 61L - 1000L.

PHONE 0800 100 123

 **AGRECOVERY**
www.agrecovery.co.nz