

TOXIC
WARNING

Keep out of reach of children

ECOTOXIC



PastureMate

For the control of broadleaf weeds in young and established pastures (grass/clover), cereals, peas and in white clover and grass seed crops.

ACTIVE INGREDIENT:

Contains 375 g/L MCPB and 25 g/L MCPA, both as the sodium salts, in the form of a soluble concentrate.

Contains

5
litres



DATE OF
MANUFACTURE:

BATCH No:

READ THE LABEL COMPLETELY BEFORE MIXING OR APPLYING

HAZARD CLASSIFICATION: Acute oral toxicity Category 4, Eye Irritation Category 2, Reproductive toxicity Category 2, Specific target organ toxicity (repeated exposure) Category 2, Hazardous to soil organisms, Hazardous to terrestrial vertebrates, Hazardous to the aquatic environment acute Category 1, Hazardous to the aquatic environment chronic Category 1

WARNING: May be harmful if swallowed. May cause eye irritation. May damage fertility of the unborn child from repeated oral exposure. May cause organ damage from repeated oral exposure at high doses.

Very toxic to aquatic life with long lasting effects. Avoid contamination of any water supply with product or empty container. Do not apply directly onto or into water. Hazardous to soil organisms. Hazardous to terrestrial vertebrates.

SELECTIVE HERBICIDE- VERY TOXIC TO SOME PLANT SPECIES. Beware: Apply this product carefully. Spray drift may cause serious damage to other desirable plants. Take all reasonable steps to ensure that the substance does not cause any significant adverse effects to the environment beyond the application area. 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 micros). 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.

PERSONNEL QUALIFICATION & EXPERIENCE

This product must be under the control of a Certified Handler or an appropriately trained and experienced person during storage, use and disposal. For guidance refer to the requirements for class 6 and 9 substances of the Health and Safety at Work (Hazardous Substances) Regulations 2017 part 4.5 and the Hazardous Substances (Hazardous Property Controls) Notice 2017 Part 4 Subpart C.

HANDLING PRECAUTIONS

EQUIPMENT: Apply using accurately calibrated and maintained equipment in accordance with the New Zealand Standard for the Management of Agrichemicals (NZS8409).

STORAGE: Store in original container tightly closed and in a locked, dry, cool area away from foodstuffs, seeds, insecticide, fungicides and fertilisers. Storage must be in accordance with NZS 8409 Management of Agrichemicals.

DISPOSAL: Triple rinse empty container and add residue to spray tank. Recycle empty container through Agrecovery. Otherwise, submit empty containers to a local authority approved waste receival facility. DO NOT reuse this container for any other purpose.

FIRST AID

For advice contact the National Poisons Centre 0800 POISON (0800 764 766) or a doctor. Have product label or container at hand.

IF SWALLOWED: Do NOT induce vomiting. Rinse mouth. Get medical advice if you feel unwell.

IF INHALED: Move to fresh air and keep at rest in position comfortable for breathing. Get medical advice if you feel unwell.

IF ON SKIN: Remove immediately all contaminated clothing. Wash skin and hair with running water. Call the National Poisons Centre or a doctor immediately for advice.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice.

SAFETY DATA SHEET: A Safety Data Sheet is available from Rainbow & Brown Limited www.RainbowBrown.co.nz

RECORD KEEPING: Record of use, as described in the relevant HSNO regulations and the New Zealand Standard for the Management of Agrichemicals (NZS8409), must be kept if using more than 3L of **PastureMate** within 24 hours in a place where members of the public may be present or where the substance may enter air or water and leave the place.

GENERAL INFORMATION

PastureMate is slow acting and may take several weeks to effect control. Treat small seedling or early rosette stage actively growing weeds which are better able to make this conversion. Use the higher rate where weeds are more advanced.

Do not spray weeds under stress (drought, water logging etc.), or if rainfall is expected within 2 hours of application.

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	RATE/ha	COMMENTS
Pasture (grass/clover): Newly sown pasture (grass/clover)	3-4 L/ha in 200 litres of water	Use after clover has developed two trifoliate leaves and weeds are in the young seedling stage.
Pasture (grass/clover): Established pasture (grass/clover)		Use the higher rate once weeds are past the 2-3 leaf stage or growing strongly.
Grass Seed Crops (Ryegrass, Cocksfoot, Timothy, Dogstail, etc.)	3-4 L/ha in 150-250 litres of water	Spray well before seed head emergence when the majority of weeds are in the seedling stage.
White Clover Seed Crops	3-4 L/ha in 150-250 litres of water	Apply in spring to actively growing seedling weeds. Do not apply after the clover has commenced flowering.
Peas	3-4 L/ha in 150-250 litres of water	Use between the 5 and 7 node growth stage of the crop. Some initial twisting of the peas may result, but this is only temporary. Do not mix PastureMate with other herbicides for use in peas. Heavy rain may remove the protective wax layer on the foliage. If this occurs delay treatment until a crystal test confirms the crop is safe to treat.
Cereals	3-4 L/ha in 150-250 litres of water	Use between crop growth stages 2 leaf to 1st node detectable. Use the higher rate if weeds have developed more than 2-3 leaves and are in the young plant stage. Do not use in crops under sown with clover or lucerne.

Weeds table. Recommendations relate to rates recommended in the Crops table unless otherwise indicated.

WEEDS CONTROLLED	RATE/ha	COMMENTS
Annual buttercups Fathen Scotch thistle	3-4L	Controlled at all growth stages before flowering.
Black nightshade Giant buttercup Redroot Twin cress	3-4L	Good control in seedling stage (2-3 leaves). Useful suppression at later growth stages.
Nodding thistle Winged thistle Variegated thistle	4L	Good control in seedling stage (2-3 leaves) with 4 L/ha. Useful suppression at later growth stages.
Californian thistle	4L	Treat at the flower bud stage with 4 L/ha.
Docks Hedge mustard Nettles Plantain Willow weed Wild turnip	4L	Controlled in seedling stage (2-3 leaves) only with 4 L/ha. Useful suppression at later growth stages.

Tolerant Weeds: Chickweed, chamomiles, cleavers, daisy, dandelion, ragwort, speedwell, spurrey, stinking mayweed.

RESISTANCE MANAGEMENT

GROUP	4	HERBICIDE
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PastureMate contains two group 4 herbicides belonging to the phenoxy group of chemistry. **PastureMate** has the disruption of plant cell growth mode of action. Naturally occurring weeds biotypes resistant to **PastureMate** and other phenoxy herbicides are known to exist. The resistant individual can eventually dominate the weed population if these herbicides are used repeatedly. Resistant weeds will not be controlled by **PastureMate** or other phenoxy herbicides. Species with known resistant biotypes include nodding thistle, giant buttercup and slender winged thistle. Resistance to this herbicide could develop from excessive use. To maximise the effectiveness of herbicides, products containing alternate modes of action should be used in the spray program.

PERSONAL PROTECTION

Wear chemical resistant coveralls, eye protection, gloves and footwear when mixing and/or applying. Use respiratory protection as specified in NZS 8409; Management of Agrichemicals (organic vapour minimum specification) where inhalation of spray mists and vapours will, or is likely to, occur. Wash splashes of concentrate from skin or eyes immediately. Wash hands and face before eating, drinking or smoking and after work. Thoroughly wash/decontaminate protective clothing after use. DO NOT eat, drink or smoke while using.

Spillage: Collect spillage. Wear appropriate protective clothing and prevent material from entering waterways. Contain liquid spills and absorb with inert material. Dispose of waste safely in an approved hazardous substance waste receival facility or local authority waste transfer station capable of receiving hazardous substance waste.

Transport: DO NOT carry more than 1 L on a passenger service vehicle. Quantities of 1 L or less carried on a passenger service vehicle must be contained within sealed packaging.

Animal Safety: Poisonous plants (e.g. ragwort) may become more palatable after spraying and stock should be kept away from the area until plants have died down.

Tank Cleaning: Flush spray equipment thoroughly with clean water after use.

If equipment used to apply **PastureMate** is to be used to apply other chemicals to sensitive crops, it must be thoroughly decontaminated using procedures recommended for phenoxy herbicides.

CONDITION OF SALE

PastureMate is warranted by Rainbow & Brown Limited to conform to the chemical description and concentration specified on the label and to be reasonably fit for the purposes stated in the directions if used in accordance with the directions. The user bears all risks of damage or failure resulting from factors beyond the control of Rainbow & Brown. Rainbow & Brown declines all liability for any damages resulting from the improper use of this product.

Registered pursuant to the ACVM Act 1997, No. P10431.
See www.foodsafety.govt.nz for registration conditions.
Approved pursuant to the HSNO Act 1996, HSR000726.
See www.epa.govt.nz for approval controls.



Registrant:
Rainbow & Brown Ltd
68 Tallyho Street, Rotorua 3015
PO Box 100 49, Mail Centre, Rotorua 3046
Freecall 0508 299 299
www.RainbowBrown.co.nz

