

WARNING – KEEP OUT OF REACH OF CHILDREN. ECOTOXIC


ravensdown

HERBICIDE

GROUP 4+6

Pasture Guard[®] Elite

For the selective control of
broadleaf weeds in new and
established pastures, clover,
peas and cereals

ACTIVE INGREDIENT:

Contains 200g/litre bentazone and 200g/litre
MCPB as the sodium salt in the form of a soluble
concentrate.



Registrant: Ravensdown Ltd
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Hornby, Christchurch 8042
New Zealand
Phone: 03 353 4600
ravensdown.co.nz

BATCH:
D.O.M:

NET CONTENTS
20 Litres

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PASTURE GUARD® ELITE | 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: 6.1E, 6.3B, 6.4A, 6.5B, 6.8B, 6.9B, 9.1B, 9.2B | |
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| TOXICITY Harmful if swallowed. May cause eye irritation. May cause reproductive/development damage and organ damage from repeated oral exposure at high doses. | ECOTOXICITY Toxic to aquatic life with long lasting effects. Avoid contamination of any water supply with chemical or empty container. Do not apply directly into or onto water. Toxic to the soil environment. Selective herbicide - very toxic to some plant species. Beware - Spray drift hazard. Apply this product carefully. Spray drift may cause serious damage to desirable plants. Ensure compliance with any relevant regional air management plans. |

| HANDLING PRECAUTIONS | |
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| 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 area away from foodstuffs, fertilisers and seeds. Stores containing 1000L of PASTURE GUARD ELITE are subject to signage and secondary containment. More than 1000L require emergency response plans. | EQUIPMENT Apply using well maintained and accurately calibrated equipment. Flush equipment thoroughly with clean water after use. |
| PERSONAL PROTECTION Avoid contact with skin and eyes and do not inhale spray mist. When mixing and applying wear protective clothing such as waterproof gloves, eye protection, overalls and boots. Remove protective clothing and wash hands and face thoroughly before meals and after work. Do not eat, drink or smoke while using. | 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 |
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| If medical advice is needed, have product container or label at hand. If swallowed, DO NOT induce vomiting. If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. If skin irritation or rash occurs: Get medical advice. Wash contaminated clothing before reuse. If splashed in eyes occurs, wash out immediately with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention. 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 are exposed or concerned. |

| SPILLAGE |
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| 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 |
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| In transport emergency call 111, Police or Fire Brigade. |

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

| SHELF LIFE |
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| 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 |
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| Before opening, carefully read warning statement, precautions instructions, first aid instructions and directions for use. PASTURE GUARD ELITE is a selective herbicide with contact and systemic activity against a wide range of broadleaf weeds in new and established pasture, clover, peas and cereals. Best results are obtained when applications made after the onset of a prolonged period (more than 3 days) of warm, humid weather and when weeds are in the seedling stage of growth (2-4 leaves) and are actively growing. It is important to use high water rates to get full coverage of weed foliage. Take all reasonable steps to ensure that the substance does not cause any significant adverse effects to the environment beyond the application area. |

| APPLICATION |
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| Boom equipment: Use 300-500L of water per hectare. Use high water rates to ensure that all weed foliage is thoroughly covered. Low volume CDA applications are not recommended. Do NOT apply if rain or frost is expected, or if the foliage is wet. |

| DIRECTIONS FOR USE | | | |
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| 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 | Timing | Rate | Critical comments |
| New and established pasture | Apply when clover has 2 trifoliolate (true) leaves, and weeds are small (4-6 leaves) and actively growing. | 5-7.5L/ha in 300-500L of water | Add a non-ionic surfactant such as Widespread 1000 at label rates. |
| White clover seed crops | For best results spray in autumn or spring, after 2 trifoliolate leaves have formed and before flowering and/or closing the paddock for seed, when weeds are small and actively growing. | 5-6L/ha in a minimum of 500L of water | Add a non-ionic surfactant, such as Widespread 1000, at label rates. Use high water rates and large droplets to ensure spray penetration into the growth crown of weeds. Parable, applied at least 2 weeks prior to PASTURE GUARD ELITE will improve results, provided weeds are growing actively at the time of applying PASTURE GUARD ELITE. Best results will occur when spraying during periods of warm, humid, weather. |
| Peas | When the crop has 1-2 trifoliolate leaves and weeds are at the 4 leaf stage and actively growing. | 5L/ha in 300-500L of water | Do NOT use a surfactant. Some temporary twisting of the peas may occur, but the crop will soon grow out of it. |
| Cereals (undersown with clover and/or ryegrass/clover) | Spray after the cereal has 4 true leaves and when weeds are small and actively growing. If undersown with clover, apply after the clover has formed 2 trifoliolate (true) leaves. | 5L/ha in 170-500L of water | Add a non-ionic surfactant, such as Widespread 1000, at label rates. PASTURE GUARD ELITE may be used on cereals undersown with clover. To reduce chances of root absorption, more than 50% of the ground must have complete vegetation cover. Do NOT use PASTURE GUARD ELITE on crops undersown with lucerne. |

STOCK
Poisonous plants may become more palatable after spraying. For animal safety reasons, stock should be kept away from treated areas for 2 weeks or until any poisonous plants have died down.

| Weeds controlled as seedlings include |
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| Black nightshade, buttercups (annual), chamomiles, charlock, chickweed, cleavers, cornbind, cut-leaved geranium, fathen, field madder, galinsoga, hedge mustard, mayweeds, nettle, nodding thistle, penny cress, redroot, scarlet pimpernel, scotch thistle, shepherds purse, sow thistle, spurry, stinking mayweed, storksbill, thornapple, twin cress, variegated thistle, walted thistle, wild radish, wild turnip, willow weed, winged thistle. |
| Moderately susceptible weeds include |
| Seedling docks, wireweed, fumitory. |
| Resistant weeds include |
| All grasses, clovers, dandelion, dead nettle, deep rooted perennials, field pansy, hawkbit, hawksbeard, henbit, sorrel, speedwells, yarrow. |

| COMPATIBILITY |
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| Do NOT add a surfactant unless specified in the Directions for Use. Do NOT mix PASTURE GUARD ELITE with any other herbicide, fungicide, insecticide, plant growth regulator or foliar fertiliser. |
| SPRAY 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 ELITE 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. |
| RAINFALL |
| Do not spray if rain is expected within 8 hours. |
| RESISTANCE MANAGEMENT: |
| PASTURE GUARD ELITE contains mcpb, a [GROUP HERBICIDE] from the phenoxy carboxylic acid chemical group with the action like indole acetic acid (synthetic auxins) mode of action, and bentazone, a [GROUP HERBICIDE] from the benzothiadiazinone chemical group with the inhibition of photosynthesis at photosystem II 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 ELITE in tank mixture or rotation with herbicides of a different mode of action against the weed. Consult www.resistance.nzpsps.org/ for alternative modes of action and details of resistance management strategies (if any) for the crops listed on the label. |

| WARRANTY AND LIMITATION |
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| 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.P8376. See www.foodsafety.govt.nz for registration conditions. Approved pursuant to the HSNO Act 1996, Code: HSR000374. 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

