



ECOTOXIC

Keep out of reach of children

READ LABEL BEFORE USE

EAGLE[®]

HERBICIDE

A herbicide for barley grass control in pasture and weed control in turf ryegrass, fodder beet and red beet.

ACTIVE INGREDIENT: Contains 500g/litre ethofumesate in the form of a suspension concentrate

GSEA804/F01



Grosafe[®]



HAZARD CLASSIFICATIONS:

Hazardous to soil organisms, Hazardous to the aquatic environment chronic Category 2.

ECOTOXICITY:

Toxic to aquatic organisms with long-lasting effects. Toxic to the soil environment. Do not apply directly onto or into water. Take all reasonable steps to ensure that the substance does not cause any significant adverse effects to the environment beyond the application area.

BEWARE: Apply this product carefully. Spray drift may cause serious damage to other desirable plants.

QUALIFIED HANDER: This product must be under the control of a suitably qualified handler when mixed, loaded or applied.

RECORD-KEEPING: Records of use must be kept if using more than 3 kg of **EAGLE®** within 24 hours in a place where the product is likely to enter air or water and leave the application area.

PERSONAL PROTECTION: Do not eat, drink or smoke while using. Wear protective clothing such as impervious gloves, waterproof hat, coat and trousers. Remove protective clothing and wash hands and face thoroughly before meals and after work. Wash protective clothing and equipment before re-use.

STORAGE: Store securely in original closed container in a dry, cool, well-ventilated area, away from feed and foodstuffs. Storage must be in accordance with the current version of NZS 8409 Management of Agrichemicals. Stores containing 1000 L or more require secondary containment, signage and an emergency response plan.

SPILLS: Wear personal protective clothing and equipment as described in the PERSONAL PROTECTION section. Contain the spill then recover spilt product by absorbing with sawdust or an inert absorbent material then transfer the recovered spilt material to a properly labelled drum. Deal with all spillages immediately. If contamination of drains, streams, watercourses, etc. is unavoidable, warn the local authorities.

DISPOSAL: Avoid contamination of any water supply with product or empty container.

Product Disposal: If possible, dispose of this product by using according to the label otherwise dispose of at an approved landfill.

Container Disposal: Triple rinse container and add residue to mixture. Recycle empty rinsed container via Agrecovery (www.agrecovery.co.nz) or at an approved landfill.

SAFETY DATA SHEET: A safety data sheet is available from Grosafe Chemicals Ltd.

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 ON SKIN, remove contaminated clothing and wash hands and exposed skin thoroughly. Get medical advice if irritation persists. IF IN EYES, wash out immediately with water and continue rinsing for at least 15 minutes. If irritation persists, get medical advice. IF INHALED, move the victim to fresh air immediately.

EMERGENCY RESPONSE 0800 CHEMCALL: 0800 243 622

GENERAL INFORMATION

EAGLE® is an early post-emergence herbicide for the control of barley grass in pasture, also for grass weeds in turf ryegrass and for pre- and early post-emergence weed control in fodder beet and red beet.

EAGLE® acts through absorption into emerging shoots of grass weeds and via the roots of broad-leaved weeds soon after germination. Lack of soil moisture and the presence of organic matter will reduce or prevent pre-emergence effectiveness for weed control.

Post-emergence treatments are initially absorbed through the foliage and later via the root. Root absorption is also affected by moisture and the presence of organic matter.

EAGLE® is very selective in ryegrass spp. in pasture and in turf but will suppress clovers. Areas where clover production is important should not be treated with **EAGLE®** as temporary suppression can be expected.

EAGLE® is also selective in fodder beet and red beet as a pre- and post-emergence herbicide. Use as a post emergence treatment may cause some disfigurement or distortion to crop foliage particularly early in the season, but this does not adversely affect yield.

Notes:

- EAGLE®** can be applied as a post-emergence weed control treatment following a pre-emergence treatment with other herbicides.
- A product containing 160g/L phenmedipham and 160g/L desmedipham may be applied at post-emergence to crops previously treated with **EAGLE®** as a pre-emergence treatment.
- Any crop may be sown 5 months after a single application of **EAGLE®** at the recommended rates. Ploughing to a minimum depth of 15cm should precede seedbed preparation for following crops.

DIRECTIONS FOR USE:

Do NOT spray when raining or when rainfall is imminent. Slight rain following application or heavy dew prior to spraying, will not reduce the effect, providing it does not wash the chemical off the foliage.

Mixing: Before opening and use, ensure the suspension is thoroughly mixed. Invert and roll container several times to resuspend the formulation. For larger containers, use paddle mixer

or air wand to ensure concentrate is well-mixed. Use only clean water to dilute and which is above 5°C temperature. Do not add surfactants. Add the required amount of **EAGLE®** concentrate to water in the partly-filled spray tank with the agitator operating. Complete filling tank with water and use immediately. Maintain agitation until spraying is complete.

Equipment: Thorough and even application with the diluted **EAGLE®** solution is essential. Apply only through properly calibrated boom spraying or handgun equipment. Do not use impact nozzles or broadcast nozzle cluster equipment. Non-reinforced PVC tubing may soften or swell after prolonged contact. Thoroughly clean sprayer after use with water and detergent. Spray out completely to empty the tank and then rinse twice with clean water. Open tank lid and remove nozzles to allow access to thoroughly clean out.

WEED SUSCEPTIBILITY:

Susceptible weeds - Annual poa, Chickweed, Cleavers, Fumitory, Redroot, Sow thistle, Spurrey, Summer grass, Wild portulaca.

Intermediate susceptibility - Barnyard grass, Black nightshade, Fathen, Speedwells, Wild oats, Willow weed, Wireweed, Annual nettle*, Cornbind *, Shepherd's purse *

Resistant weeds - Dead nettle, Galinsoga, Groundsel, Perennial weeds, Ryegrasses, Wild radish. *These weeds controlled pre-emergence only.

RESISTANCE MANAGEMENT:

GROUP 15 HERBICIDE

EAGLE® contains ethofumasate, and continuous use of herbicides in this group may lead to build-up of weeds resistant to it. To prevent or delay resistance, alternate with a herbicide from another group if possible and adhere to label instructions.

USE RATE RECOMMENDATIONS:

USE	RATE	REMARKS
Barley grass control in pasture	Boom application: 4 L/ha in 200-400 L of water Gun application: 400 ml/100 L of water	For optimum results treat barley grass growing in moist conditions at an early growth stage but after the main germination has occurred. Usual application will be between April and July following Autumn rain, but this will vary by season and region. EAGLE® will not control barley grass in the green seedhead stage. Do not apply after July. Complete coverage of barley grass is essential. Before application remove any debris from area and harrow large dung pats. Graze pasture to 3-5cm in height and allow to freshen up before application. Raw organic matter on stock holding areas will reduce efficiency and follow up treatments may be required. In areas of dense barley grass where the sward contains less than 5% ryegrass, ryegrass seed should be sown as soon as possible after spraying.
Grass weed control in turf ryegrass	Boom application: 4 L/ha in 200-400 L of water Gun application: 400 ml/100 L of water	Use only on turf ryegrass. To control annual poa, follow the recommendations as given for barley grass control in pasture. Do not mow treated turf for 4-5 days after spraying. To control summer germinating annual grasses, apply treatment just prior to expected germination of weeds which is usually September-October. A repeat treatment may be required after 6-8 weeks. Over-sow with ryegrass following treatment of densely weed infested areas.
Red Beet (Beetroot)	3-4 L/ha in 200-300 L of water	Pre-sowing or pre-emergence: Apply before seed drilling or as soon as possible after drilling but before crop and weed emergence. The seedbed should be firm, fine and moist. If moisture is limited, shallow (2-5cm) incorporation of pre-sowing treatment may be preferred. Use the highest rate when moisture is limited or the seedbed preparation is less than ideal. Post-emergence: For red beet (beetroot) use 4L/ha when weeds are from cotyledon to 2 true leaf stage.
Fodder Beet	2 L/ha in 200-300 L of water	For fodder beet apply as two applications at 2L/ha in mixture with a product containing 160g/L phenmedipham and 160g/L desmedipham at 1.5L/ha after the crop has 2 true leaves fully developed. The first application when weeds are from cotyledon to 2 true leaf stage and the second application 10-14 days later.

WITHHOLDING PERIOD:

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.

Pasture - 28 days. Do not graze stock on treated areas for 28 days after spraying.

Fodder Beet - 56 days. Do not graze stock on treated areas for 56 days after spraying.

Registered pursuant to ACVM Act 1997, No. P10175 See www.foodsafety.govt.nz for registration conditions

Approved under the HSNO Act 1996, HSRO00826 See www.epa.govt.nz for controls

WARRANTY: This formulation is warranted to contain the specified active ingredient within accepted analytical tolerance when packed. The user bears the risk for damage resulting from factors beyond the manufacturer's control. The manufacturer declines all liability for damage resulting from improper storage or use of the product.

Registered to and distributed by:

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Batch No:

Date of Manufacture:



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