



DANGER
KEEP OUT OF REACH OF CHILDREN

SCYTHE®

HERBICIDE

A non-selective contact herbicide for the control of a wide range of broadleaf and grass weeds in orchards, vineyard and non crop areas.

ACTIVE INGREDIENT: Contains 200 g/L glufosinate ammonium in the form of a soluble concentrate.

GSSY574/F04



Grosafe®

SCYTHE®



HAZARD CLASSIFICATIONS: Skin irritation Category 2, Eye irritation Category 2, Reproductive toxicity Category 2, Specific target organ toxicity (repeated exposure) Category 1, Hazardous to soil organisms, Hazardous to terrestrial vertebrates, Hazardous to the aquatic environment chronic Category 3.

DANGER: Causes target organ damage from repeated oral doses at high rates. Causes skin and serious eye irritation. May cause reproductive/development damage from repeated doses.

ECOTOXICITY: Harmful to aquatic life with long-lasting effects. Harmful to soil organisms and to terrestrial vertebrates.

Do not apply directly into or onto water. Take all reasonable steps to ensure that the product does not cause any adverse effects to the environment beyond the application area.

PERSONAL PROTECTION: When mixing or loading wear overalls, impervious gloves and eye/ face protection. Wash hands and exposed skin after work. Wash personal protection clothing and equipment before re-use.

STORAGE: Store in original container tightly closed and in a locked, dry, cool, well ventilated area, away from foodstuffs, fertiliser and seeds. Storage should be in accordance with current version of NZS 8409 Management of Agrichemicals.

When stored appropriately this product should show no significant degradation for 2 years from the date of manufacture. Contact the proprietor for further information about the use of this product if it is older than this.

SPILLS: When dealing with spills wear personal protective clothing and equipment as described in the PERSONAL PROTECTION section. Contain spilled material, absorb with sawdust or inert material and place in properly labeled, sealed drums for safe disposal. If spray mixture is spilled absorb and collect in drums as above. Deal with all spillages immediately. If contamination of drains, streams, watercourses, etc. is unavoidable, warn the local water authority.

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

PRODUCT DISPOSAL: If possible dispose of by using according to the label, otherwise dispose of in an approved landfill or bury below 500mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots.

CONTAINER DISPOSAL: Triple rinse container and add residue to mixture. Recycle containers if possible, otherwise crush and bury in an approved land fill.

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

FIRST AID: If exposed or concerned, get medical advice. For advice call a doctor or the National Poisons Centre (0800 764 766) If swallowed do NOT induce vomiting. Rinse mouth. Get medical advice if feeling unwell. If in eyes, immediately flush with plenty of water for at least 15 minutes. Remove contact lenses if present and easy to do after the first few minutes and continue rinsing. If on skin, wash with plenty of soap and water. Get medical attention if eye or skin irritation persists.

EMERGENCY RESPONSE 0800 CHEMCALL: 0800 243 622

General Information

Scythe® is absorbed by the foliage and green stems of actively growing plants. It is inactive in soil and is not translocated within the plants, so thorough coverage is essential for good results. Visual effects of treatment will become evident more rapidly under ideal growing conditions: generally within 3 - 10 days. Rainfall within 2 hours of application may wash Scythe® off the foliage, and within 6 hours will reduce effectiveness so that re-treatment may be necessary. Do not spray in temperatures below 10°C. Avoid contact with green parts, including immature bark, of desirable plants, as damage may occur. Do not mow or cultivate after treatment until the weeds start to die.

Withholding period: 28 days (all crops)

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.

MIXING / COMPATIBILITY: Add the required amount of Scythe® to the partly filled spray tank, start agitation. Maintain agitation while filling and applying. Scythe® is compatible with most commonly used residual herbicides.

Recommendations for use:

The maximum application rate of Scythe® is 10 L/ha (2.03 kg ai/ha), with a maximum of two applications per year and a minimum application interval of 90 days. Only ground-based application methods can be used.

CROP	RATE	COMMENTS
Berryfruit (raspberries and brambles) primocane control	500-750 ml/100 litres, applied via cone nozzles in sufficient water to ensure complete coverage of primocanes.	Apply as a directed high volume spray to primocanes not exceeding 25 cm. Avoid drift onto foliage of fruiting canes. Use the high rate on vigorously growing crops. Add a non ionic wetter. Do not apply before the first primocanes have reached 15 cm. Do not apply to plants under stress.
Orchard and Vineyard weed control. (pipfruit, kiwifruit, stonefruit, grapes and citrus)	Choose rate according to the weeds present. If dilution rate is less than 1litre/100 litres of water add a non ionic wetter at label rate.	Apply in Spring when the majority of annual weeds have germinated. Appropriate residual herbicides may be applied in mixture for long-term weed control.
Stale seedbed preparation, especially where clover is a problem	3-5 litres in 200 - 300 litres of water per ha.	Apply to seedling weeds and clover in sufficient water to ensure complete coverage. May be applied up to one day before crop emergence.
Non-crop land: general weed control	7.5-10 litres in 300 - 500 litres water per ha. (100 ml/10 litre knapsack).	Apply to run-off. Appropriate residual herbicides may be applied in mixture for long-term weed control.

Weed susceptibility:

Use the lower rates only when weeds are young, succulent and actively growing, or when the weed population is sparse, allowing good coverage and penetration. Use the higher rates when weeds are larger or the population is dense. Scythe® may not control mature weeds or those with developed tap roots or underground storage organs. Some regrowth may occur following treatment.

Indicated dose range for major weeds

3 - 5 litres/ha

Annual poa, Asparagus seedlings, Beaked hawksbeard, Black nightshade, Calandrinia, Chickweed, Cleavers, Clover seedlings, Cornbind, Daisy, Dandelion, Mouse-eared chickweed, Musky storksbill, Redroot, Rough-stalked meadow grass, Scotch thistle, Sow thistle, Stagger weed, Summer grass, Spurrey, Stinking mayweed, Subterranean clover, Wild turnip, Willow weed, Wireweed.

5 - 7.5 litres/ha

Bristle grass, Bur medick, Catsear, Chewing's fescue, Clovers, Cut-leaved geranium, Docks, Fleabane, Parsley piert, Prairie grass, Ryegrasses*, Sheep's sorrel, Storksbill, Strawberry, Twin Cress, Yorkshire fog.

7.5 - 10 litres/ha

Broom, Buttercups*, Couch, Field pansy, Crowfoot grass, Gorse, Hawksbeard, Kikuyu grass, Mallow, Paspalum, Tall fescue, Wild strawberry, Willow herb, Yarrow.

10 litres plus/ha

Bracken, Indian doab, Meadow rice grass, Plantains, Rape, Rushes, Sedges.

* Resistant weeds: Hairy buttercup, some Ryegrass strains

RESISTANT WEEDS WARNING

GROUP 10 HERBICIDE

Resistance to this herbicide could develop from excessive use. The product contains and belongs to the phosphinic acid group of herbicides and has the inhibition of glutamine as the mode of action. Some naturally occurring weed biotypes resistant to this product and other group 10 herbicides may exist through normal genetic variability in any weed population. The resistant weeds can eventually dominate the weed population if these types of herbicides are used repeatedly. Consult <http://resistance.nzpps.org/> for alternative modes of action and the details of resistance management strategies (if any).

Registered pursuant to the ACVM Act 1997, No P009031 See www.foodsafety.govt.nz for registration conditions. Approved pursuant to HSN0 Act 1996, HSR 100830. See www.epa.govt.nz for approval conditions.

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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