



**DANGER**  
Keep out of reach of children



**HORTCARE<sup>®</sup>**  
**LIME SULPHUR**

For the control of fungal diseases, insects  
and mites on a range of  
horticultural crops

ACTIVE INGREDIENT: contains 200g/litre sulphur as  
polysulphides in the form of a soluble concentrate



GSL5147/F03



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HORTCARE<sup>®</sup> LIME SULPHUR  
NET CONTENTS: 20 Litres

**Grosafe<sup>®</sup>**

# HORTCARE® LIME SULPHUR



**HAZARD CLASSIFICATION:** Skin irritation Category 2,  
Serious eye damage Category 1,  
Hazardous to terrestrial vertebrates.

**DANGER:** Causes serious eye damage

**WARNING:** Causes skin irritation

**ENVIRONMENT:** Harmful to terrestrial vertebrates. Do not apply directly onto or into water. Do not mix or load near any body of water, avoid spray drift over, or spillage into open water. Avoid contamination of any water supply with chemical or empty container.

**PERSONAL PROTECTION:** This product is corrosive to eyes. When mixing or applying wear a face mask or goggles, rubber gloves and overalls. Do not eat, drink or smoke while using. Wash hands and face before meals and after work. Wash protective clothing after use.

**STORAGE:** Store product in original container, tightly closed, in a cool, dry place. Keep out of reach of children, and away from foodstuffs.

Shelf Life: When stored appropriately this product should show no significant degradation for two years from date of manufacture. Contact your supplier for further information about the use of any product that is older than this.

**SPILLAGE:** When dealing with spills wear personal protective clothing and equipment as described in the PERSONAL PROTECTION section. Absorb spillage with inert material such as soil or sand: collect into properly labeled, sealed drums for safe disposal. Deal with all spillages immediately. If contamination of drains, streams, watercourses, etc. is unavoidable, warn the local water authority.

**PRODUCT DISPOSAL:** If possible dispose of by using according to the label, otherwise dispose of in an approved landfill.

**CONTAINER DISPOSAL:** Triple rinse container and add rinsate to spray tank. Recycle empty container through Agrecovery (0800 247 326: [www.agrecovery.co.nz](http://www.agrecovery.co.nz)). Otherwise crush and bury in an approved land fill. Do not use container for any other purpose.

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

**FIRST AID:** For advice call a doctor or the National Poisons Centre (0800 764 766).  
**IF ON SKIN:** Wash skin with plenty of soap and water. If skin irritation occurs, get medical advice. Take off contaminated clothing and wash before re-use.  
**IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTRE or doctor for advice.

**EMERGENCY RESPONSE 0800 CHEMCALL: (0800 243 622)**

## GENERAL INFORMATION:

**It is an offence to use this product on animals.**

**Application method:** Use high volume spray equipment and ensure complete coverage of the target crop.

**Mixing:** Pour the measured quantity into the partly filled spray tank, commence agitation and then add the remaining water. Maintain agitation before and during spraying.

**Compatibility:** Lime sulphur is alkaline and incompatible with many other spray chemicals. Check with a compatibility chart or your local advisor.

**Rainfall:** Do not apply if rainfall is expected within 6 hours.

**Withholding period:** 1 day.

**WARNING:** Hortcare® Lime Sulphur may injure soft plants and cause russet on apples and pears during the growing season. Do not use on apricots or other sulphur shy plants. If in doubt test a small area first, or seek advice.

**COMPATIBILITY:** Do not mix with other pesticides. Do not apply an oil spray within 14 days of treatment. Hortcare® Lime Sulphur will stain walls, fences and other surfaces.

## Directions for use:

Crop	Disease/Pest	Product per 100L water	Product per litre water	Application time/comments
Kiwifruit	Scale insects, Lichen	3.5L	35ml	Apply at late dormant stage, up to two weeks before bud burst. Avoid applications at or after bud burst as phytotoxicity may occur.
Grapes	Powdery mildew, Scale insects, Erineum mite, Black spot	7L	70ml	Apply at late dormant stage. Do not apply an oil spray within 7 days of treatment.
	Powdery mildew	3.5 L	35ml	Apply only after dormancy up to 14 days post-bud break. Do not apply if temperature exceeds 20°C
Apples, Pears	Black spot (apples), Powdery mildew	500ml - 3L	5 - 30ml	Apply at any time up to harvest. Note: Application may result in reduced fruit quality such as russet, lower yield, leaf damage and loss of vigour, especially with susceptible varieties such as Braeburn. Do not use an oil spray within 14 days of treatment
	Pear leaf blister mite	3 - 5L	30 - 50ml	
	San Jose scale, Oyster shell scale	7L	70ml	Apply in dormant period. Do not apply oil within 7 days of treatment
Peaches	Brown rot, Leaf rust	500ml	5ml	Add 200 g/litre colloidal sulphur. Apply from 3 weeks after petal fall to 4 weeks before harvest. Use alternative fungicides outside this period.

## FOR SMALL SCALE OR HOME GARDEN USE:

Hortcare® Lime Sulphur controls a range of pests and diseases on fruit trees and ornamental plants. It also controls moss and lichens on deciduous plants.

## Directions for use:

Season	Controls	Dose Rate
<b>Spring</b> (Aug/Sept - during bud movement)	Pipfruit: Powdery mildew, Black spot, Rust	20ml (4 teaspoons) per 1.5 litres of water.
<b>Summer</b> (After blossom until 4 weeks pre harvest)	Stone fruit: Rust, Powdery mildew	5ml (1 teaspoon) per litre of water.
<b>Winter</b> (After leaf fall and before new growth begins)	Deciduous fruit trees, tolerant ornamentals and roses: Scale insects, Moss, Lichens	100ml in 1.5 litres of water. For pear blister mite apply just before buds open in spring.

Registered pursuant to the ACVM Act 1997, No P8545. See [www.foodsafety.govt.nz](http://www.foodsafety.govt.nz) for registration conditions.

Approved pursuant to HSN0 Act 1996, No HSR 000502. See [www.epa.govt.nz](http://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 and distributed by:

**Grosafe**  
CHEMICALS LTD

20 JEAN BATTEN DRIVE  
MT MAUNGANUI 3116  
POBox 14-450 Tauranga 3143  
FREE PHONE 0800 220 002  
[info@grosafe.co.nz](mailto:info@grosafe.co.nz)  
[www.grosafe.co.nz](http://www.grosafe.co.nz)

**Batch No:**

**Date of manufacture:**

GLSL147/B03

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