

#### DIRECTIONS FOR USE

It is an offence to use this product on animals.

Crop	Disease	Rate	Directions
Ornamentals, nursery stock	<i>Phytophthora</i> and Pythium Root rots	<b>High volume:</b> 500 ml/100 litres of water <b>Knapsack:</b> 6 ml/litre of water <b>Mistblower:</b> 25 ml/litre of water	Apply as a high volume spray through a knapsack or mist blower sprayer, ensuring complete coverage (almost to the point of runoff). Treat actively growing plants prior to the first appearance of disease and repeat at 2-4 week intervals. On a total ground cover basis use a minimum of 5 litres per hectare of Phostemic 400SL. Addition of a non-ionic surfactant will aid foliar coverage, penetration and absorption of Phostemic 400SL.
<b>Avocados</b> Tree trunk injection	<i>Phytophthora</i>	<b>Skeletal Trees:</b> 1st Year - 1 part Phostemic 400SL to 2 parts water <b>Other Situations:</b> 1 part Phostemic 400SL to 4 parts water	Measure canopy diameter of individual tree i.e. drip line to drip line. Inject 20ml of stock solution per metre canopy diameter. When injecting more than one 20ml dose, space the syringe holes evenly around the trunk. Fill the hole after injection with putty or dowel material. For corrective treatment make the first application in mid-late winter (August) and if required a second application can be made mid summer (January). For maintenance treatment make an application mid-late winter (August). <b>CAUTION:</b> Do not prune trees before injection to reduce risk of burning new growth. Do not inject trees during flowering or when trees are in soft spring flush. Do not cut back canopy of injected trees.
<b>Apples</b> Young non-bearing trees	<i>Phytophthora</i> Root rots Canker	125 ml/100 litre of spray solution	Spray to run-off. First application: Mid-late November. Second application: Autumn before leaf decline.
		500 ml/100 litres of spray solution	Spray to run-off. Apply in autumn immediately after harvest and before leaf decline.
Mature trees preventative		375 ml/100 litres of spray solution	Spray to run-off. First application: Mid-late November. Second application: Autumn immediately after harvest and before leaf decline.
Mature trees curative			
Peas	Downy mildew	5 litres/ha in a minimum of 200 litres per ha	Apply as a preventative spray when conditions favour disease development, or at the first appearance of disease symptoms. If infection conditions persist a repeat application may be necessary.

**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.**

#### Withholding Periods:

**Apples** - 70 days (for export crops refer to exporter).

**Peas** 14 days.

**COMPATIBILITY:** Phostemic 400SL should not be mixed directly with concentrate nutrient solutions but can be mixed with most when dilute. If unsure test the mixture first. Phostemic 400SL is compatible with most common insecticides and fungicides when used as a dilute spray. Completely mix the Phostemic 400SL first.

#### PHOSTEMIC 400SL AS A LIQUID FERTILISER - DIRECTIONS FOR USE:

**Crops:** Pipfruit, Kiwifruit, Grapes, Citrus, Berryfruit, Vegetables, Orchard Crops, Ornamentals, Nursery Stock. Use the same rates and directions as listed above for Ornamentals and Nursery Stock.

**Cotula and Turf Greens:** Use 1 litre/36 m x 36 m green in a minimum of 60 litres spray. For other turf areas, use 8 ml/10m<sup>2</sup> in a minimum of 1 litre of spray mix.

**Soil Drench:** Dilute Phostemic 400SL 1:40 (25 ml/l) and drench on to moist soil. Follow with a light surface irrigation.

**WARNING**  
KEEP OUT OF REACH OF CHILDREN

# Phostemic 400SL

**For disease control in avocados, apples, peas, ornamentals and nursery stock.**

Active Ingredient: contains 400g/litre phosphorous acid as the mono and di potassium salts in the form of a soluble concentrate.

**GROUP 33 FUNGICIDE**

Registered pursuant to the ACVM Act 1997 No. P9389  
See [www.foodsafety.govt.nz](http://www.foodsafety.govt.nz) for registration conditions.

In a transport emergency dial 111, Police or Fire Brigade.

For specialist advice in an emergency only call:

0800 734 607 (24 hours).



**Net Contents: 20 litres**



#### READ LABEL COMPLETELY BEFORE USE



**HSNO Classifications:** 6.3B, 6.4A, 9.1D  
**Approved under the HSNO Act 1996,** HSR101342.  
See [www.epa.govt.nz](http://www.epa.govt.nz) for controls.

**WARNING:** Causes mild skin irritation. Causes serious eye irritation. May cause lasting harmful effects to aquatic life.

**ECOTOXICITY:** TOXIC TO AQUATIC ORGANISMS. DO NOT contaminate an aquatic environment with chemical or empty container. DO NOT spray over, or allow drift to drift over, an aquatic environment.

Must not be applied onto or into water. DO NOT allow drift outside the target area to occur.

**SAFETY DIRECTIONS:** Keep out of reach of children. Read label before use. Wash hands thoroughly after handling. Avoid release to the environment. Wear protective clothing.

**STORAGE:** Store locked up in the original, unopened container in a cool, dry place, out of direct sunlight and away from stockfeed or foodstuffs. As a Class 9 Substance with Ecotoxicity Classifications, storage must be carried out in such a manner as to prevent contamination of waterways. It is recommended that The New Zealand Standard for the Management of Agrichemicals (NZS8409) is followed. See Safety Data Sheet for further information.

**SPRAY DRIFT:** The person applying the substance must not cause adverse effects beyond the boundary of the treated property, and must also avoid adverse effects from spray drift occurring. Mitigation measures employed must be recorded as part of the application records.

**PERSONAL PROTECTIVE EQUIPMENT (PPE):** Avoid contact with eyes and skin. Avoid inhalation of vapour or spray mist. When mixing or applying, wear chemical resistant overalls, chemical resistant boots and gloves, chemical resistant footwear plus socks, chemical resistant head gear and eye protection. Clean protective clothing daily after work. Do not eat, drink or smoke while using. Remove protective clothing and wash hands and face thoroughly before meals and after work.

**SPILLAGE:** Wear appropriate protective clothing and prevent material from entering waterways. Absorb spills with inert material and place in waste containers. Wash area with water and absorb with further inert material. Dispose of waste safely, according to local Council regulations.

**DISPOSAL:** Triple rinse empty container and add rinsate to spray tank. Triple rinsed containers should be taken to an AgRecovery collection site. Do not burn empty containers.



**First Aid:** If skin irritation occurs: Get medical advice/ attention. 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/attention.

**Batch No. and Manufacturing Date:** See on packaging

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**Notice to Buyer:** Careful tests have proved that the product is suitable for the recommended purposes when used in accordance with our instructions. However, since storage and use of product are beyond our control, we do not therefore accept any liability for damage or loss of efficacy which may result from the use of this product, whether used in accordance with the directions or not. We are liable for a consistent quality of the product, but the risk of its storage and use is not borne by us.

**RESISTANCE MANAGEMENT:** Phostemic 400SL is a **GROUP 33 FUNGICIDE**. Resistance to this fungicide and related phosphonate products could develop in some disease situations from repeated use. To minimise this risk, use strictly in accordance with the label instructions and resistance management strategies that exist for any fungus listed on the label. Follow individual crop resistance management strategies. Refer to the NZCPR website for more detailed information ([www.nzpps.org/resistance/index.php](http://www.nzpps.org/resistance/index.php)).