

Phostemic 400SL

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



Active Ingredient: 400g/litre phosphorous acid as the mono and di potassium salts.

Formulation: Soluble concentrate

Pack Size: 20 Litre

- ✓ Curative and protectant activity.
- ✓ Effective protection against Downy mildew & Phytophthora diseases.
- ✓ Cost-effective.
- ✓ Resistance management option.

About Phostemic 400SL

Phostemic 400SL effectively controls Phytophthora root rots, canker and blackspot in Apple trees by foliar spraying, and Phytophthora cinnamomi in Avocados by trunk injection. It is both a curative and a protectant fungicide. Crops must have sufficient root systems for curative activity to take place and for the transfer of nutrients from the soil into the crop.

Phostemic 400SL is an effective systemic fungicide for the control of Downy Mildew and Phytophthora diseases.

Care must be taken to ensure that applications are made before disease development and in conjunction with good cultural management practices.

Directions for use: It is an offence to use this product on animals.

CROP	DISEASE	RATE	DIRECTIONS
Ornamentals, nursery stock	Phytophthora and Pythium Root rots	High volume: 500 ml/100 litres of water Knapsack: 6 ml/litre of water Mistblower: 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.
Avocados Tree trunk injection	Phytophthora	Skeletal Trees: 1st Year - 1 part Phostemic 400SL to 2 parts water Other Situations: 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). CAUTION: 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.
Apples Young non-bearing trees	Phytophthora 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
Mature trees preventative		500 ml/100 litres of spray solution	Spray to run-off. Apply in autumn immediately after harvest and before leaf decline.
Mature trees-curative		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.
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/10m² in a minimum of 1 litre of spray mix.

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