

**ECOTOXIC**

**KEEP OUT OF REACH OF CHILDREN**

**NEPTUNE<sup>®</sup>**

**FUNGICIDE**

Contains: 250 g/litre bupirimate in the form of a suspension concentrate

**Controls powdery mildew on apples,  
field grown pumpkins and winter squash**

**PLEASE READ ENTIRE LABEL BEFORE MIXING OR APPLYING. SHAKE OR STIR WELL BEFORE USE.**

**HAZARD CLASSIFICATION:** 6.3B, 6.4A, 6.5B, 6.9B, 9.1A.

**RECORD KEEPING:** Records of use must be kept under certain circumstances. See SDS for full details.

**WARNING:** May cause skin and eye irritation. May cause skin sensitisation from prolonged skin contact. Avoid contact with skin or eyes. May cause organ damage from repeated oral exposure at high doses.

**FIRST AID:** If swallowed DO NOT induce vomiting. For advice contact the National Poisons Centre 0800 POISON (0800 764 766) or a doctor immediately. If spilt on the skin, remove contaminated clothing and wash affected areas of skin. DO NOT SCRUB THE SKIN. If concentrate is splashed in the eyes, flush with running water for at least 15 minutes. Seek medical attention.

**PERSONAL PROTECTION:** Avoid skin and eye contact and inhalation of spray mist. When mixing or applying wear waterproof gloves, eye protection, boots and overalls. DO NOT eat, drink or smoke while using. Wash splashes of concentrate from skin immediately. Remove protective clothing and wash hands and face thoroughly before meals and after work. Wash protective clothing daily after work.

**ECOTOXICITY:** Very toxic to aquatic organisms. Avoid contamination of any water supply with product or empty container.

**STORAGE:** DO NOT store at temperatures greater than 30 °C. Store in original container, tightly closed, away from foodstuffs. Store in accordance with NZS 8409 Management of Agrichemicals.

**DISPOSAL:** Triple rinse empty container and add rinsate to the spray tank. If recycling, replace cap and deliver clean container to an Agrecovery depot. Alternatively crush and bury in an approved landfill. Dispose of product only by using according to the label, or at an approved disposal facility.

**EXPIRY DATE:** 12 months from date of manufacture.

**SAFETY DATA SHEET:** Additional information is listed in the SDS available from Lonza NZ Limited or [www.lonza.com](http://www.lonza.com)

**Approved pursuant to the HSNO Act 1996,** No: HSR000080. See [www.epa.govt.nz](http://www.epa.govt.nz) for approval conditions.

**Registered pursuant to the ACVM Act 1997,** No: P007079. See [www.foodsafety.govt.nz](http://www.foodsafety.govt.nz) for registration conditions.

#### **DIRECTIONS FOR USE**

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

USE	RATE	CRITICAL COMMENTS
<b>APPLES - all varieties</b>	Powdery mildew	Use 40 - 50ml/100 litres of water as a dilute spray or adjust accordingly for concentrate spraying. Use the higher rate when powdery mildew infection is moderate to high. Commence at tight cluster and continue at 10 - 14 day intervals until new leaf growth ceases. Use the closer interval during rainy weather or during severe powdery mildew infection periods.
<b>FIELD GROWN PUMPKIN AND WINTER SQUASH</b>	Powdery mildew	Use 800 ml - 1 litre/hectare at 10 to 14 day intervals. Use the higher rate and/or closer interval during periods of intense disease pressure. Use as a preventative application and ensure uniform coverage. Do not apply more than three applications in one season.

**GENERAL INFORMATION:** Neptune is a highly effective fungicide for the control of primary and secondary powdery mildew on apples, field grown pumpkin and Winter squash. Neptune has contact, translaminar and vapour phase modes of action, all of which contribute to its protectant and eradicant properties. Neptune is specific in its action against powdery mildew.

**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.**

**WITHOLDING PERIOD:** Apples, field grown pumpkin and winter squash - 14 days. For apples grown for export consult your exporter for withholding period information.

**COMPATIBILITY:** May be tank mixed with most commonly used insecticides, fungicides and calcium nitrate. Do not mix with very alkaline materials.

**APPLICATION:** May be applied through all conventional orchard and boom spraying equipment. Maintain agitation during mixing and spray application. Use spray solutions the same day.

**RAINFALL:** Rain within 6 hours following treatment may reduce effectiveness.

**IPM:** Neptune is compatible with integrated pest management programmes based on natural predators and parasites.

**RESISTANCE MANAGEMENT:** **GROUP 8 FUNGICIDE** Neptune contains an hydroxy-(2-amino-) pyrimidine fungicide with an inhibition of adenosine deaminase in nucleic acid synthesis mode of action. Certain strains of disease causing organisms may become tolerant to this fungicide due to natural variation and selection. If Neptune is used exclusively these strains may dominate a population and cause fungicide failure. To minimise any possible resistance risk use strictly in accordance with the label instructions. Apply Neptune preventatively or as early as possible in the disease cycle and use fungicides with a different mode of action at other times. For further information see: [www.resistance.nzpps.org](http://www.resistance.nzpps.org)

**NOTICE TO BUYER:** The manufacturer and vendors of Neptune warrant the formulation to contain the specified active ingredients within accepted tolerance but make no warranty of any kind on the uses of material and accept no responsibility, whether the material is used in accordance with the label directions or not.

**REGISTERED TO:** Lonza NZ Limited, Hudson Rd,  
New Plymouth, New Zealand  
Tel: 06 755-9234 Fax: 06 755-1174

**EMERGENCY PHONE: 0800 CHEMCALL 0800 243 6225**