

**TOXIC, ECOTOXIC**  
**KEEP OUT OF REACH OF CHILDREN**

# TARATEK<sup>®</sup> 5F

TARATEK

## FUNGICIDE

Contains: 250 g/litre chlorothalonil and 250 g/litre thiophanate-methyl  
in the form of a suspension concentrate

**To control a range of diseases of ornamentals, cut flowers,  
turf, timber and selected vegetables**

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

**HAZARD CLASSIFICATIONS:** 6.1B, 6.4A, 6.6B, 6.7B, 6.9A, 9.1A, 9.2B, 9.3C

**APPROVED HANDLER:** This product must be under the control of an approved handler or secured by lock at all times. See SDS for details.

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

**TRACKING:** This product must be tracked. See SDS for full details.

**DANGER** May be fatal if swallowed, inhaled or absorbed through the skin. May cause organ damage from repeated oral exposure at high doses.

**WARNING:** May cause eye irritation. Avoid contact with eyes. Suspected of causing cancer and heritable mutations/ genetic defects in human cells.

**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 splashed in eyes, wash out immediately with water for at least 15 minutes. If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. Do not scrub the skin.

**PERSONAL PROTECTION:** A source of fresh, clean water for flushing eyes must be available in the treated area for seven days following application of Taratek 5F to plants. To prevent harm to human beings - Workers must be informed, in a manner they can understand, that residues in the treated area may be highly irritating to their eyes. Care should be taken to keep the residue out of eyes (e.g. refrain from rubbing eyes), if residue in eyes, immediately flush eyes with fresh, clean water. Instructions for use of a specialised eye wash facility must be available. Gloves should be worn at all times. Wear eye protection when handling the concentrate. Ensure adequate ventilation when handling concentrate. Remove protective clothing and wash hands and face thoroughly before meals and after work. Wash protective clothing daily after work. DO NOT eat, drink or smoke while using.

**ECOTOXIC:** Very toxic to aquatic organisms with long lasting effects. Avoid contamination of any water supply with product or empty container. Toxic to the soil environment. Harmful to terrestrial vertebrates.

**STORAGE:** Store in original container, tightly closed, under lock and key, away from foodstuffs.

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

**SAFETY DATA SHEET:** Additional information is listed in the SDS available from Lonza NZ Limited or www.lonza.co.nz

**Approved pursuant to the HSNO Act 1996,** No: HSR000618. See www.epa.govt.nz for approval conditions.

**Registered pursuant to the ACVM Act 1997,** No. P003937 See www.foodsafety.govt.nz for registration conditions.

**DIRECTIONS FOR USE:**

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

CROP	DISEASE	RATE	CRITICAL COMMENTS
<b>ORNAMENTAL and CUT FLOWERS</b>	Black spot, botrytis, flower blight, leaf spot, powdery mildew, rust, sclerotinia rot.	150 - 300 ml/ 100 litres of water	Thoroughly wet all plant and leaf surfaces. Use high rate when disease pressure is high. For concentrate spraying adjust rates upwards. Spray at 10 - 21 day intervals beginning when infection is expected. CAUTION: Spraying when flower buds show colour may result in bloom damage.
<b>BRASSICAS</b>	Club root	320 ml/100 litres	Apply Taratek 5F as a root drench ensuring roots and surrounding soil are soaked.
	Ringspot	300 - 500 ml/100 litres or 2 - 4 litres/ha	To minimise the development and spread of resistance, apply a maximum of two applications/ season at a 10 - 14 day interval. Make the first application after transplanting when the disease is likely to occur, using the higher rate if disease pressure is severe. Use non-benzimidazole fungicides at other times.
<b>BEANS</b>	Botrytis, Sclerotinia	400 ml / 100 litres	Apply at first flower and again at full flower.
<b>CUCURBITS</b>	Powdery mildew	300 ml / 100 litres	Use 1000 litres water per ha at 10 - 14 day intervals.
<b>TOMATOES</b>	Botrytis, late blight	200 ml/100 litres	Use at least 1000 litres water / ha to give full coverage spray at the first sign of infection. Repeat at 10 - 14 day intervals. For Sclerotinia limit use to early season. For Botrytis do not exceed one application per season and alternate with other protectant fungicides.
<b>Field</b>	Sclerotinia	400 ml/100 litres	
<b>Glasshouse</b>	Botrytis	160 ml/100 litres	
<b>POTATOES</b>	Late Blight	200 ml/100 litres	
<b>TURF &amp; LAWNS</b>	Anthraxnose, brown patch, dollar spot, fusarium patch, rhizoctonia, leaf spot, red thread	100 - 150 ml in 10 litres of water per 100 square metres.	Apply Taratek 5F in sufficient water for complete foliage and thatch coverage. Apply at 10 - 14 day intervals as necessary after fungi first appear. Application during the heat of the day should be avoided. Taratek 5F should be applied in late afternoon to avoid burning to sensitive turf areas. Light irrigation following application will assist in thatch penetration. DO NOT mow for 24 hours after application.
<b>COTULA GREENS</b>	Brown patch, golden bracelet disease, sclerotinia patch	Use the above rates and a minimum of 1.3 litres per 36 x 36 metre green.	
<b>SAPSTAIN</b>	Average conditions	2.5 litres/ 1000 litres	Apply to recently felled & freshly sawn or peeled wood ensuring total coverage.
	Severe conditions	5.0 litres/ 1000 litres	Export, round wood & boron bath should be treated as severe conditions.

**REMEMBER:** Before each use, shake or stir the container.

**MIXING:** Pour the correct amount of Taratek 5F into the partly filled tank and while agitating add the remainder of the water.

**COMPATIBILITY:** Taratek 5F is compatible with most common pesticides except some highly alkaline materials such as Bordeaux mixtures and other copper fungicides.

**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:** Brassicas - 7 days, Beans - 14 days, Cucurbits - 7 days, Tomatoes - 7 days, Potatoes - 14 days.

**MANDATORY DIRECTIONS:** As Taratek 5F contains minute particles of HCB, a compound that can be taken up by grazing stock to give unacceptable residues in meat and milk, the following restrictions on the use of the product must be observed: DO NOT graze treated crops. DO NOT feed any part of a treated crop to stock. CULTIVATE treated areas thoroughly (i.e. not direct drilling or other minimum tillage techniques) before sowing pasture or any animal feed crop.

**RESISTANCE MANAGEMENT:** **GROUP 1+M5 FUNGICIDE** Taratek 5F contains a benzimidazole fungicide that inhibits  $\beta$ -tubuline assembly in mitosis plus a chloronitrile fungicide with a multi-site contact of mode of action. Naturally occurring strains of some disease causing fungi resistant to group 1 fungicides are known to exist and others could develop. These resistant strains may dominate when this and other similar fungicides are used excessively. To minimise this risk use strictly in accordance with label instructions and resistance management strategies that may exist for particular diseases on this label. For further information see www.resistance.nzpps.org

**NOTICE TO BUYER:** The manufacturers and vendors of Taratek 5F 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 be used in accordance with the directions or not.