

PRODUCT INFORMATION:

Vitalis is a systemic fungicide for the control of a number of diseases in wheat, barley and rusts and blind seed disease in ryegrass seed crops.

IT IS AN OFFENCE TO USE THIS PRODUCT ON ANIMALS.**DIRECTIONS FOR USE:**

CROP	DISEASE	RATE	REMARKS
Wheat	Stripe rust, Leaf rust, Speckled leaf blotch	400 - 800 ml/hectare	Apply on first appearance of disease. Should disease pressure persist or re-infection occur, a further application may be required 3-4 weeks later.
Barley	Scald, Net blotch, Ramularia leaf spot, Leaf rust	400 - 800 ml/hectare	Apply on first appearance of disease. Should disease pressure persist or re-infection occur, a further application may be required 3-4 weeks later.
Ryegrass seed crops	Crown rust, Stem rust, Blind seed disease	400 - 800 ml/hectare	Apply on first appearance of disease. Should disease pressure persist or re-infection occur, a further application may be required 3-4 weeks later.

Vitalis must only be applied via ground-based methods.

Apply Vitalis in at least 200 litres of water per hectare by ground application. Use high water volumes in dense or advanced crops especially under dry weather conditions.

Mixing: Add the required amount directly into partly filled spray tank with agitation operating. Complete filling and maintain agitation until spraying is complete.

Compatibility: Vitalis is compatible with commonly used fungicides, herbicides and insecticides.

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:**

Wheat, barley (grain) - 56 days

Wheat, barley (forage) - 42 days

Ryegrass seed (grain) - 14 days

Ryegrass (forage) - 35 days

Resistance Management: Vitalis is a **GROUP 3 FUNGICIDE** from the DeMethylation (DMI/Triazole) group of fungicides. Resistance to Vitalis and related DMI fungicides could develop from repeated use. To minimise this risk, use strictly in accordance with label instructions. Apply no more than 3 DMI treatments per season including seed treatment.



UN3082. CLASS 9, PG III. ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (PROTHIOCONAZOLE SOLUTION).
Do not carry this product on a passenger service vehicle.

DANGER
KEEP OUT OF REACH OF CHILDREN

Vitalis®

Systemic fungicide for the control of diseases in barley, wheat and ryegrass seed crops.

Active Ingredient: Contains 250g/litre prothioconazole in the form of an emulsifiable concentrate.

GROUP 3 FUNGICIDE

Registered pursuant to the ACVM Act 1997 No. P9324
See 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: 10 litres

**READ THIS LABEL COMPLETELY BEFORE USE**

HSNO Classifications: 6.1C (Dermal), 6.1D (Oral), 6.3A, 6.4A, 6.9B, 9.1B, 9.3C
Approved under the HSNO Act 1996, HSR101177. See www.epa.govt.nz for controls.

Toxic in contact with skin. Harmful if swallowed. Causes skin irritation. Causes serious eye irritation. May cause damage to organs through single, prolonged or repeated exposure.

PRECAUTIONS: Keep out of reach of children. Wear protective clothing such as impervious gloves, waterproof hat, coat and trousers when using. Respiratory protection should also be used. Do not eat, drink or smoke when using this product. Remove protective clothing and wash before reuse. Wash hands and face thoroughly before meals and after work. Avoid contact with skin or eyes. Do not breathe fumes, mist, vapours or spray. Apply with well maintained and calibrated spray equipment. Records of use must be kept.

Application, storage and record keeping should be as described in the Management of Agrichemicals NZS8409.

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.

APPLICATION CONTROLS: This substance must be applied using ground-based methods only.

This substance must be applied with a nozzle set to provide medium or larger sized droplets.

Application Rate: The maximum application rate of this substance is 800 mL Vitalis/ha (200 g of prothioconazole/ha). The maximum application frequency of this substance must not be more than three applications per year, with a minimum of 21 days between applications.

Buffer Zones: For the protection of aquatic organisms a buffer zone of at least 5 metres must be observed from downwind water bodies.

DO NOT apply when wind speeds are less than 3 km/hr or more than 20 km/hr as measured at the application site. **Equipment:** Spraying equipment must be calibrated to deliver medium or larger droplets as defined by the American Society of Agricultural and Biological Engineers ASABE Standard (S572) or the British Crop Production Council guideline.

HARMFUL TO TERRESTRIAL VERTEBRATES.

TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS.

Must not be applied onto or into water. Avoid contamination of any water supply with chemical or empty container. A strategy to minimise spray drift should be employed at all times when applying spray near aquatic environments.

CONTAINER DISPOSAL: Triple rinse container and add residue to spray tank. Return empty container to an AgRecovery collection point for disposal.



FIRST AID: If medical advice is needed, have product container or label at hand. Call a POISON CENTER or doctor/physician if you feel unwell. **IF SWALLOWED:** Immediately call a POISON CENTER or doctor/physician. Rinse mouth. **IF ON SKIN:** Wash with plenty of soap and water. Remove/Take off immediately all contaminated clothing and wash before reuse. 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. If exposed or if you feel unwell: Call a POISON CENTER or doctor/physician.

SPILLS: 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.

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.

Registered to and Distributed by: Adria New Zealand Limited. P.O. Box 535, 407 State Highway 16 Kumeu, Auckland.

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Batch number and manufacturing date: See on packaging

