

**orion** AGRISCIENCE

**HIGHLY FLAMMABLE LIQUID | HARMFUL | ECOTOXIC**  
KEEP OUT OF REACH OF CHILDREN

# Pro-P<sup>TM</sup>

## FUNGICIDE

A systemic fungicide for disease control in CEREAL and RYEGRASS SEED CROPS as shown under Directions for Use.

**Active Ingredient:**

250 g/litre propiconazole in the form of an emulsifiable concentrate.



**5 Litres**



## PLEASE READ THE LABEL COMPLETELY BEFORE USE

**HAZARD CLASSIFICATIONS: 3.1B, 6.1D, 6.3A, 6.4A, 6.8B, 6.9B, 9.1A, 9.3C**

**DANGER: FLAMMABLE, TOXIC, ECOTOXIC**

Highly flammable liquid and vapour. May be harmful if swallowed, inhaled or absorbed through the skin. May cause skin and eye irritation. May cause reproductive/developmental damage from repeated exposure. May cause organ damage from repeated exposure. Very toxic to aquatic organisms. Harmful to terrestrial vertebrates.

### PRECAUTIONS

**APPROVED HANDLER:** This product must be under the control of an approved handler during use.

**STORAGE:** Keep out of reach of children. Do not store near heat, flame or other source of ignition. Store in the original, tightly closed container, in a secure and well ventilated area away from foodstuffs. Storage of certain quantities of this product trigger specific storage requirements (Refer to Safety Note). When stored appropriately this product should show no significant degradation for two years from the date of manufacture. Contact your supplier for further information about the use of product that is older than this.

**PERSONAL PROTECTION:** Avoid contact with eyes and skin. Avoid inhalation of vapour or spray mist. When mixing or applying, wear overalls, chemical resistant boots and gloves, and eye protection. A respirator (organic vapour and particulate matter) is required where vapour or spray mist could be inhaled. 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.

**USE:** Avoid handling, mixing or use of the product or container near heat, flame or other source of ignition. Apply with well maintained and calibrated spray equipment.

**DISPOSAL:** Dispose of this product only by using in accordance with this label, or at a suitable landfill. Do not burn. Triple rinse container and add rinsate to the spray tank. Dispose of container to a suitable landfill or agricultural recycling scheme. Do not burn. Do not use container for any other purpose.

**ENVIRONMENTAL:** Use this product carefully. Do not contaminate aquatic environments with product, spray drift or empty container. Do not allow spray drift outside the target area to occur.

### First Aid

If swallowed do not induce vomiting. If splashed in eyes, wash out immediately with running water for several minutes. If skin or hair contact occurs, remove contaminated clothing and wash with soap and running water. If inhaled, immediately move to fresh air and rest. Maintain half upright position if breathing is difficult. Call the National Poisons Centre **0800 POISON (0800 764 766)** (24 hrs) or a doctor immediately for advice.

### Emergency Response

In a transport emergency call **111, Police or Fire Brigade**. In a fire, evacuate and call **111 Fire Brigade**. For specialist advice in an emergency only, call **0800 CHEMCALL (0800 243 6225)** (24 hrs).

### Spillage

Extinguish any ignition sources. Exclude non-essential people from the area. Avoid entering confined spaces. Wear protective clothing and prevent material from entering waterways. Absorb spill with inert material such as soil, sand, etc, and place in a waste container. Wash area with water and detergent, and absorb with further inert material. Dispose of safely to a suitable landfill.

### Safety Data Sheet

Additional information is provided in the safety data sheet. Freephone **0800 ORIONAS (0800 674 6627)** or visit [www.orionagriscience.co.nz](http://www.orionagriscience.co.nz).

Batch No:

Date of manufacture:

### WARRANTY

This formulation is warranted to contain the specified active ingredient within accepted analytical tolerance when packed. The user bears the risk for damage resulting from factors beyond the manufacturer's control. The manufacturer declines all liability for damage resulting from improper storage or use of the product.

Registered pursuant to the ACVM Act 1997, No. P5987  
See [www.foodsafety.govt.nz](http://www.foodsafety.govt.nz) for registration conditions.  
Approved pursuant to the HSN0 Act 1996, No. HSR000601  
See [www.epa.govt.nz](http://www.epa.govt.nz) for approval conditions.

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Harewood, Christchurch 8053.  
[www.orionagriscience.co.nz](http://www.orionagriscience.co.nz).



**UN 1993**  
**FLAMMABLE LIQUID, N.O.S. (TOLUENE 60%)**  
**PACKING GROUP II**  
**HAZCHEM CODE 3YE**  
**IN A TRANSPORT EMERGENCY, DIAL 111 POLICE OR FIRE BRIGADE. FOR**  
**SPECIALIST ADVICE IN AN EMERGENCY CALL 0800 CHEMCALL (0800 243 622)**

**orion**  
AGRISCIENCE

PRO-P



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### GENERAL INFORMATION

Pro-P is a DMI fungicide with eradicator and protectant activity against certain diseases in cereals and ryegrass seed crops. It is best used as a protectant and applied at first sign of disease symptoms. Activity will last from 2 - 4 weeks depending on disease incidence and severity.

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

**Ingredients:** Pro-P contains 250 g/litre propiconazole as the active ingredient, and up to 572 g/litre of toluene as a solvent.

### APPLICATION METHODS

**Ground Application:** Use a minimum of 200 litres of water per hectare.

**Aerial Application:** Use 0.5 litres of Pro-P in sufficient water to ensure more than 20 droplets/cm<sup>2</sup> on all leaves.

### MIXING

Partly fill the spray tank with water, and add the required quantity of Pro-P. Maintain agitation through filling and spraying.

### COMPATIBILITY

Compatible with most commonly used fungicides, herbicides and insecticides.

### RAINFALL

Do not spray if rain is expected within 2 hours of spraying.

### WITHHOLDING PERIODS

**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.**

Cereals 42 days

Ryegrass Seed Crops 30 days

### RESISTANCE MANAGEMENT

GROUP 3 FUNGICIDE

Pro-P contains the fungicide propiconazole, which belongs to the DMI (DeMethylation Inhibitor) activity group. Resistance to this fungicide could develop from excessive use. To minimise this risk, use strictly in accordance with label instructions. Apply a maximum of 3 DMI fungicides per crop, per season, (including seed treatment) at full recommended label rates. Consult <http://resistance.nzpps.org/index.php> for alternative modes of action and details of resistance management strategies (if any) for the crops and/or diseases listed on this label.

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## DIRECTIONS FOR USE

	Disease	Rate per Hectare	Critical Comments
Barley	Leaf Scald, Net Blotch, Spot Blotch, Ovularia Leaf Spot  Leaf Rust	0.5 litre in a minimum of 200 litres water	Apply at first signs of disease. If weather conditions favour disease a further application may be necessary 3 - 4 weeks later.  Apply as a preventative spray at ear emergence on susceptible cultivars. On less susceptible cultivars apply at first sign of disease.
Wheat	Glume Blotch  Leaf Rust  Stripe Rust, Speckled Leaf Blotch	0.5 litre in a minimum of 200 litres water	Apply as a preventative spray at ear emergence on susceptible cultivars, especially during cool, moist conditions which favour spread of disease. On less susceptible cultivars apply at first sign of disease.  Apply as preventative spray at ear emergence on susceptible cultivars. On less susceptible cultivars apply at first sign of disease.  Apply as preventative spray on susceptible cultivars and at first sign of disease on less susceptible ones.
Oats	Crown Rust	0.5 litre in a minimum of 200 litres water	Apply as a preventative spray at flag leaf emergence on susceptible cultivars, and at first sign of disease up to the completion of flowering on less susceptible ones.
Ryegrass Seed Crops	Leaf Rust, Stem Rust	0.5 litre in a minimum of 200 litres water	For best control on susceptible cultivars apply as a preventative spray after closing up for seed and repeat at 3 - 4 week intervals while disease pressure remains high. For control on less susceptible cultivars, apply at first sign of disease.