

# Proline®

Net contents : 5 L, 20 L

## *Fungicide*

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

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

Registered pursuant to the ACVM Act 1997, No P7250  
See [www.foodsafety.govt.nz](http://www.foodsafety.govt.nz) for registration conditions.

Approved pursuant to the HSNO Act 1996, No HSR001661  
See [www.epa.govt.nz](http://www.epa.govt.nz) for approval conditions

### DG Information



UN 3082  
ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID  
N.O.S (PROTHIOCONAZOLE SOLUTION)  
PACKING GROUP III  
MARINE POLLUTANT  
CLASS 9  
HAZCHEM CODE 3Z

IN A TRANSPORT EMERGENCY DIAL 111 POLICE OR FIRE BRIGADE



**WARNING**

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

**HSNO Classifications:**

6.4A Causes serious eye irritation.

6.9B May cause damage to organs through prolonged or repeated exposure.

9.1B Toxic to aquatic life with long lasting effects.

**PRECAUTIONS:**

Do not eat, drink or smoke while using this product.

Do not apply directly into or onto water.

Remove protective clothing and wash hands and face thoroughly before meals and after work.

Avoid contact with the skin and eyes.

Take all reasonable steps to ensure that the substance does not cause any significant adverse effects to the environment beyond the application area.

**PERSONAL PROTECTION:**

When handling, wear full protective clothing such as impervious gloves, respirator, waterproof hat, coat and trousers (worn outside rubber boots).

**STORAGE:** Store in original container tightly closed and in a locked dry, cool, well-ventilated area, away from foodstuffs.

**SPILLS AND DISPOSAL:** When dealing with spills wear personal protective clothing and equipment as described in the PERSONAL PROTECTION section.

Contain the spill by damming, recover spilt product by absorbing with sawdust or an inert absorbent material then transfer the recovered spilt material to a properly labelled drum. Deal with all spillages immediately. If contamination of drains, streams, watercourses, etc. is unavoidable, warn the local water authority.

**Disposal:** Dispose of this product only by using according to the label or at an approved landfill. Avoid contamination of any water supply with product or empty container.

**Container Disposal:** Triple rinse container and add residue to mixture. Take to an Agrecovery collection site.

**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 skin contact occurs, remove contaminated clothing and flush skin with running water. If splashed in eyes, wash out immediately with water, if irritation persists get medical advice. If inhaled, move the victim to fresh air immediately.



**Proline** 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:

**MIXING:** Half fill the spray tank with water, pour in the required quantity of **Proline** with agitators running, then top up with water. Do not pre-mix.

### RESISTANCE MANAGEMENT

Group	<b>3</b>	Fungicide
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Resistance to this fungicide and related DMI products could develop in some disease situations from repeated use. To minimize this risk, use strictly in accordance with label instructions. In cereals and ryegrass seed crops use a maximum of three DMI applications, including seed treatment per crop.

### RECOMMENDATION:

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.

Apply **Proline** in at least 200 litres of water per hectare by ground or 50 litres per hectare by aerial application. Use high water volumes in dense or advanced crops especially under dry weather conditions.

**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 Compound.**

### WITHHOLDING PERIOD:

Wheat, barley (grain).....56 days  
Wheat, barley (forage).....42 days  
Ryegrass seed (grain)..... 14 days  
Ryegrass (forage) ..... 35 days



**CONDITIONS OF SUPPLY: READ THESE CONDITIONS OF SUPPLY BEFORE BUYING AND USING. IF THESE CONDITIONS ARE UNACCEPTABLE, RETURN AT ONCE UNOPENED.**

To the extent permitted by law Bayer does not accept any liability or responsibility whatsoever for any loss, damage or injury whether direct, indirect or consequential howsoever arising in connection with these goods, including without limitation their storage, application, handling or use. Bayer does not make any warranties (express or implied) with respect to fitness for purpose, merchantable quality or any other matter.

To the extent only that Bayer is prevented by law from contracting out of the Consumer Guarantees Act, then these conditions apply subject to that Act. The Act shall not apply where these goods are acquired for business purposes.

Date of Expiry:

Batch No:

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**Bayer**

Registered to:  
Bayer New Zealand Limited  
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A handwritten signature in blue ink, appearing to be "John G. King".

08-11-2017