

WARNING
KEEP OUT OF REACH OF CHILDREN



ADAMA

PROTHAGO®
FUNGICIDE

GROUP	3	FUNGICIDE
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**Systemic fungicide for control of diseases in wheat, barley
and ryegrass seed crops**

READ THE ATTACHED BOOKLET COMPLETELY BEFORE MIXING OR APPLYING

Active Ingredient:

Contains 250 g/L PROTHIOCONAZOLE in the form of an emulsifiable
concentrate

ADAMA New Zealand Limited
Level 1, 93 Bolt Road
Tahunanui, Nelson 7011
PO Box 1799, Nelson 7040
New Zealand
Telephone 03 543 8275
www.adama.com

NET CONTENTS
**10L, 15L,
20L, 200L**

REFER TO BOOKLET FOR FULL LABEL INSTRUCTIONS.**HAZARD CLASSIFICATIONS: 6.1D, 6.5B, 6.9B, 9.1B, 9.3C****PCBU RESPONSIBILITIES**

A PCBU with management or control of work using this substance must ensure that every worker who uses, handles, manufactures, or stores this hazardous substance (including hazardous waste) is, before the worker is allowed to carry out or supervise work involving those substances, provided with adequate information, training and instruction. This includes the use of personal protective equipment to be used to minimise risks to the health and safety of workers when carrying out work using this substance.

WARNING**Harmful if swallowed or inhaled.****May be harmful if inhaled.****May cause an allergic skin reaction.****May cause damage to organs through prolonged or repeated exposure.****Harmful to aquatic life with long lasting effects.****Harmful to terrestrial vertebrates.****HANDLING PRECAUTIONS**

Keep out of reach of children.

Read the label before use.

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

Do not breathe spray mist or vapours.

Use personal protective equipment as in the personal protection section of this label.

Wash hands and exposed skin thoroughly after handling.

Contaminated work clothing should not be allowed out of the workplace.

EQUIPMENT

A PCBU with management or control of work using this substance must ensure that equipment used to handle this substance retains the substance, without leakage, at all of the temperatures and pressures at which the equipment is to be used; and dispenses or applies the substance, without leakage, at a rate and in a manner that the equipment is designed for. The PCBU must ensure that the equipment is accompanied by documentation that is readily available and readily understandable about the use and maintenance of the equipment.

STORAGE

Store in the original, tightly closed container in a cool, dry place, out of direct sunlight and away from stockfeed or foodstuffs. Store in accordance with NZS 8409 Management of Agrichemicals.

Secondary containment and emergency response plans are required where 1000 L or more of this product are stored. Refer to the product SDS for further information.

TRANSPORT

Do not carry this substance on a passenger service vehicle.

SHELF LIFE

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 any product that is older than this.

PERSONAL PROTECTION

When mixing or applying wear appropriate protective clothing including cotton overalls buttoned to the neck and wrist, impervious, elbow-length gloves, and eye protection. Remove protective clothing and wash hands, arms and face with soap and water before meals and after work.

SPILLAGE

Exclude all bystanders from the vicinity of the spill and prevent material from entering waterways. Wear appropriate protective clothing as in the personal protection section of this label to clean up spills.

Absorb spills with an inert material (such as vermiculite, earth, sand or synthetic absorbent substance) and place in waste containers. Wash area with water and alkaline detergent. Then absorb any remaining liquid with further inert material. Dispose of the waste safely in an approved landfill.

DISPOSAL

Container Disposal - Triple rinse empty container and add rinsate to spray tank. Submit clean empty container to an Agrecovery® depot for recycling. Alternatively, puncture and bury in a suitable landfill. Avoid contamination of any water supply with product or empty container.

Product Disposal - Dispose of this product only by using according to the label, or through the

Agrecovery® Chemical Recovery service or other approved facility.

FIRST AID

If medical advice is needed, have product container or label at hand.

For advice, or if you feel unwell, contact the National Poisons Centre 0800 POISON (0800 764 766) or a doctor immediately.

IF SWALLOWED: Rinse mouth. Call a POISON CENTRE or doctor if you feel unwell.

IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs, seek medical attention. Take off contaminated clothing and wash before reuse.

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, seek medical attention.

IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTRE or doctor if you feel unwell.

CONDITIONS OF SALE

ADAMA New Zealand Limited will not accept any responsibility whatsoever and howsoever arising and whether for consequential loss or otherwise in connection with the supply of these goods other than the responsibility for the merchantable quality of the goods and such responsibilities mandatorily imposed by the Statutes applicable to the sale and supply of these goods. To the extent allowed by such Statutes the liability of ADAMA New Zealand Limited is limited to the replacement of the goods or (at the option of ADAMA New Zealand Limited) the refund of the price paid and is conditional upon a claim being made in writing and where possible sufficient part of the goods to enable proper examination being returned to ADAMA New Zealand Limited within thirty days of delivery.



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See www.foodsafety.govt.nz for registration conditions

Approved pursuant to the HSNO Act 1996, Approval No. HSR101428
See www.epa.govt.nz for approval controls

PROTHAGO is a registered trademark of an ADAMA Group Company.



EMERGENCY RESPONSE

(All hours)

Ring from anywhere in New Zealand

0800 734 607

In a Transport
Emergency
Phone 111
Police or Fire

Batch Number:

Bar code to be inserted

Date of Manufacture:

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SAFETY DATA SHEET

A Safety Data Sheet for this product is available from ADAMA New Zealand Limited on request. Call 03 543 8275.

PRODUCT INFORMATION

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

DIRECTIONS FOR USE

TAKE ALL REASONABLE STEPS TO ENSURE THAT THE SUBSTANCE DOES NOT CAUSE ANY SIGNIFICANT ADVERSE EFFECTS TO THE ENVIRONMENT BEYOND THE APPLICATION AREA.

EPA Controls

- Do not apply onto or into water.
- Maximum application rate: 800 mL/ha
- Maximum application frequency: 2 per calendar year
- Minimum application interval: 21 days
- DO NOT apply when wind speeds are less than 3km/hr or more than 20 km/hr as measured at the application site
- When applied using ground-based or aerial methods, the nozzle must be set to medium or coarse droplet quality spray, as defined by the American Society of Agricultural and Biological Engineers ASABE Standard (S572) or the British Crop Production Council guideline.
- The person in charge of the application of this substance and any person applying this substance must ensure that the substance is not applied within the following distance of the specified sensitive area:

Application Method	Sensitive area	Required Buffer Zone (m)
Ground-based	Downwind water body	5
Aerial	Downwind water body	50

It is an offence to use this product on animals.

Apply PROTHAGO in at least 200 L of water/ha by ground or 50 L/ha by aerial application. Use high water volumes in dense or advanced crops especially under dry weather conditions.

CROP	DISEASE	RATE	CRITICAL COMMENTS
Wheat	Stripe rust Leaf rust Speckled leaf blotch	400–800 mL/ha	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/ha	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/ha	Apply on first appearance of disease. Should disease pressure persist or re-infection occur, a further application may be required 3-4 weeks later.

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 PERIOD

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

MIXING

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

RESISTANCE MANAGEMENT

PROTHAGO contains the GROUP 3 dimethylation inhibitor (DMI) fungicide, prothioconazole. Resistance to PROTHAGO and related DMI fungicides could develop from repeated use. To minimise this risk, use strictly in accordance with label directions. Apply no more than three DMI treatments per season including seed treatment. Refer to <https://nzpps.org/> for more information about DMI resistance management strategies.

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