

**DANGER**  
**KEEP OUT OF REACH OF CHILDREN**



# CITADEL<sup>®</sup> FUNGICIDE

GROUP **3** FUNGICIDE

**For the control of many important foliar diseases of barley, oats and wheat, white rot in onions, powdery mildew in peas, and crown and stem rust in ryegrass seed crops**

**READ THE ATTACHED BOOKLET COMPLETELY BEFORE MIXING OR APPLYING**

**Active Ingredient:**

Contains 250 g/L TRIADIMENOL in the form of an emulsifiable concentrate, also contains 472 g/L N-METHYL-2-PYRROLIDONE

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

1 L, 5 L, 10 L,  
20 L

## ADAMA

**REFER TO BOOKLET FOR FULL LABEL INSTRUCTIONS.****HAZARD CLASSIFICATIONS: 6.1D, 6.4A, 6.8A, 6.9A, 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.

**DANGER**

**May be harmful if swallowed.**

**Causes serious eye irritation.**

**May damage fertility or the unborn child.**

**Causes damage to the nervous system through prolonged or repeated oral exposure.**

**ECOTOXICITY**

**Toxic to aquatic life with long lasting-effects. Do not apply onto or into water.** Avoid contamination of any water supply with product or empty container.

**Harmful to terrestrial vertebrates.**

**HANDLING PRECAUTIONS**

Keep out of reach of children.

Do not eat, drink or smoke while using.

Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.

Use only outdoors or in a well-ventilated area.

Do not handle until all safety precautions have been read and understood.

Do not breathe spray mist or vapours.

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

Wash exposed skin thoroughly after handling.

**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 locked up in the original, unopened container in a cool, dry place, out of direct sunlight and away from sources of ignition, stockfeed or foodstuffs.

Store in accordance with NZS 8409 Management of Agrichemicals. Stores containing 1000 L of this product require secondary containment and signage, and emergency response plans.

**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 impervious, elbow-length gloves, boots 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, burn in an appropriate incinerator if circumstances such as wind direction permit, or 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 or are exposed or concerned, 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 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 attention.

### 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.



Registered to and distributed by:  
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](http://www.adama.com)

Registered pursuant to the ACVM Act 1997, No. P7518  
See [www.foodsafety.govt.nz](http://www.foodsafety.govt.nz) for registration conditions

Approved pursuant to the HSNO Act 1996, Approval No. HSR002476  
See [www.epa.govt.nz](http://www.epa.govt.nz) for approval controls

Citadel 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:  
Date of Manufacture:

*Bar code to be inserted*

**DANGER**  
**KEEP OUT OF REACH OF CHILDREN**



# CITADEL<sup>®</sup> FUNGICIDE

GROUP 3 FUNGICIDE

**For the control of many important foliar diseases of barley, oats and wheat, white rot in onions, powdery mildew in peas, and crown and stem rust in ryegrass seed crops**

**READ THIS BOOKLET COMPLETELY BEFORE MIXING OR APPLYING**

### **Active Ingredient:**

Contains 250 g/L TRIADIMENOL in the form of an emulsifiable concentrate, also contains 472 g/L N-METHYL-2-PYRROLIDONE

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

1 L, 5 L, 10 L,  
20 L

# ADAMA

**READ THIS BOOKLET THOROUGHLY BEFORE OPENING OR USING.****HAZARD CLASSIFICATIONS: 6.1D, 6.4A, 6.8A, 6.9A, 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.

**DANGER**

**May be harmful if swallowed.**

**Causes serious eye irritation.**

**May damage fertility or the unborn child.**

**Causes damage to the nervous system through prolonged or repeated oral exposure.**

**ECOTOXICITY**

**Toxic to aquatic life with long lasting-effects. Do not apply onto or into water.** Avoid contamination of any water supply with product or empty container.

**Harmful to terrestrial vertebrates.**

**HANDLING PRECAUTIONS**

Keep out of reach of children.

Do not eat, drink or smoke while using.

Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.

Use only outdoors or in a well-ventilated area.

Do not handle until all safety precautions have been read and understood.

Do not breathe spray mist or vapours.

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

Wash exposed skin thoroughly after handling.

**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 locked up in the original, unopened container in a cool, dry place, out of direct sunlight and away from sources of ignition, stockfeed or foodstuffs.

Store in accordance with NZS 8409 Management of Agrichemicals. Stores containing 1000 L of this product require secondary containment and signage, and emergency response plans.

**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 impervious, elbow-length gloves, boots 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, burn in an appropriate incinerator if circumstances such as wind direction permit, or 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 or are exposed or concerned, 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 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 attention.

## SAFETY DATA SHEET

A Safety Data Sheet for this product is available at [www.adama.com](http://www.adama.com) or from ADAMA New Zealand Limited on request. Call 03 543 8275.

## PRODUCT INFORMATION

CITADEL FUNGICIDE has both contact and systemic action. It is absorbed by leaves and stems and translocated in an upward and outward movement in the plant to provide some protection to new growth.

## 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.**

CROP	DISEASE	CRITICAL COMMENTS
Barley	Scald, leaf rust	Use 500 mL/ha and apply at first appearance of disease. Should disease pressure persist, a further application may be required 3-4 weeks later.
Oats	Crown rust	
Ryegrass seed crops	Crown rust, stem rust	
Wheat	Stripe rust, leaf rust, powdery mildew, speckled leaf blotch	
Onions	White rot	Use 1.5 L in 1000 L of water/ha. Apply 6-8 weeks after planting, then 2 further applications at 3-4 week intervals. The use of a suitable seed treatment is recommended.
Peas	Powdery mildew	Use 250 mL/ha and apply at first appearance of disease. Repeat 14 days later if disease persists.

**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

<b>Peas:</b>	<b>28 days</b>
<b>Ryegrass seed crops and onions:</b>	<b>35 days</b>
<b>Cereals:</b>	<b>49 days</b>

## COMPATIBILITY

Compatible with most commonly used fungicides and insecticides.

## APPLICATION

For cereals, ryegrass and peas apply in at least 200 L of water/ha by ground application or 50 L/ha by aerial application. Use higher water volumes in dense or advanced crops especially under dry weather conditions. For onions apply 1000 L of water/ha.

## RAINFALL

Rain falling within 1 hour following treatment may reduce effectiveness.

## RESISTANCE MANAGEMENT

CITADEL FUNGICIDE contains the GROUP 3 DMI fungicide, triadimenol. Do not use another product containing a fungicide in the same group in conjunction with CITADEL FUNGICIDE. Adhere to recommendations for application rate, timing and the maximum numbers of applications in the directions for use. Exceeding the maximum number of applications per season will increase the risk of resistance development. Wherever practical, apply CITADEL FUNGICIDE in mixture with an effective dose of a fungicide from a different cross-resistance group. Apply CITADEL FUNGICIDE preventatively when disease levels are low, but disease risk is high. Where this product is used to control more than one pathogen in a crop the maximum numbers of applications allowed per season, apply to the whole crop, not to each individual disease.

## 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.



Registered to and distributed by:  
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](http://www.adama.com)



Registered pursuant to the ACVM Act 1997, No. P7518  
See [www.foodsafety.govt.nz](http://www.foodsafety.govt.nz) for registration conditions

Approved pursuant to the HSNO Act 1996, Approval No. HSR002476  
See [www.epa.govt.nz](http://www.epa.govt.nz) for approval controls

Citadel is a registered trademark of an ADAMA Group Company.