

**ECOTOXIC**  
KEEP OUT OF REACH OF CHILDREN

zelam

# ATOMIC™

**Systemic Fungicide**

**Broad spectrum disease control in barley,  
wheat and ryegrass seed crops**

**F U N G I C I D E**

**NET CONTENTS: 5 LITRES**

TM Trademark of Tapuae Partnership NZ  
Registered pursuant to the ACVM Act 1997 No. P7685 See [www.nzfsa.govt.nz/acvm](http://www.nzfsa.govt.nz/acvm) for registration conditions

**ACTIVE INGREDIENT:** Contains 105g/litre epoxiconazole and 420g/litre carbendazim in the form of a suspension concentrate.

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

**RECORD KEEPING:** Records of use must be kept under certain circumstances. See MSDS for details.

**WARNING:** May cause skin irritation, avoid skin contact.

**DANGER:** May cause heritable genetic defects in human cells. May cause cancer. May cause reproductive/developmental damage or organ damage from repeated oral exposure at high doses.

**FIRST AID:** If swallowed DO NOT induce vomiting. For advice contact the National Poison Centre on 0800 POISON (0800 764 766) or a doctor immediately. If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. DO NOT scrub skin. If splashed in eyes, wash out immediately with water for at least 15 minutes. If inhaled, move victim to fresh air immediately. Begin artificial respiration if breathing has stopped.

**PERSONAL PROTECTION:** Avoid contact with skin or inhalation of spray mist. Gloves should be worn at all times. Wear eye protection when handling the concentrate. Ensure adequate ventilation when handling the concentrate. Remove protective clothing and wash hands and face thoroughly before meals and after work. Wash protective clothing daily after work. Do not eat, drink or smoke while using this product.

**ECOTOXICITY:** Very toxic to aquatic organisms. Avoid contamination of any water supply with product or empty container. Harmful to the soil environment.

**NOTICE TO BUYER:** The manufacturers and vendors of **Atomic** warrant the formulation to contain the specified active ingredients within accepted tolerance but make no warranty of any kind on the uses of material and accept no responsibility, whether the material be used in accordance with the directions or not.

**REGISTERED TO:** Tapuae Partnership  
Hudson Road, New Plymouth, NZ.  
Tel: 06 755 9234, Fax: 06 755 1174



## PLEASE READ ENTIRE LABEL BEFORE MIXING OR USE

CROP	DISEASE	DIRECTIONS FOR USE
Rate of use: 600ml/ha in a minimum of 150 litres of water/ha by ground or 60 litres/ha by air.		
Barley & wheat	Eyespot	Apply to at risk crops from mid-tillering through to flag leaf visible. To prevent build up of resistant strains of eyespot. Do not apply more than twice to the same crop, nor in the same paddock for more than two consecutive seasons.
Barley	Scald	Apply as a preventative spray on susceptible cultivars and where conditions favour disease. Otherwise apply at the first appearance of disease. Continued disease pressure or reinfection may require a further treatment 3-5 weeks later.
Wheat	Stripe rust	Apply as a preventative spray on susceptible cultivars and where conditions favour disease. Otherwise apply at the first appearance of disease. Continued disease pressure or reinfection may require a further treatment 3-5 weeks later.
Ryegrass seed crops including turf species	Blind seed disease	Apply 10-14 days after early flowering. Under moist, cool or irrigated conditions and in paddocks with a persistent blind seed problem a second spray with Protek may be needed

**MODE OF ACTION:** A contact and systemic fungicide with protectant and eradicant activity. Taken up via leaf and stem and translocated upwards and outwards in the plant to provide some protection to new growth. Best applied as a protectant prior to the onset of infection. Provides up to 5 weeks disease control.

**RESISTANCE MANAGEMENT:** Resistance of eyespot to carbendazim and related MBC fungicides has developed from repeated use in some situations. For eyespot control in Wheat and Barley DO NOT apply more than two applications per season of any MBC based product including **Atomic**.

**Atomic** also contains a DMI fungicide. For control of diseases other than eyespot, use a maximum of three DMI applications including seed treatment per season. Always use strictly in accordance with label instructions.

**WITHHOLDING PERIOD:** Barley and wheat 60 days. Ryegrass - Do not harvest ryegrass seed crops for 21 days after the last application. Do not graze or feed treated ryegrass crops for 35 days after the last application.

**RAINFALL:** Rain falling within 2 hours following treatment may reduce effectiveness.

**COMPATIBILITY:** May be tank mixed with most commonly used pesticides.

**APPLICATION:** Use a minimum of 150 litres of water/ha by ground or 60 litres/ha per air. Thorough, uniform coverage of the crop is essential for best results.

**MIXING:** Pour the correct amount of **Atomic** into the partly filled tank while agitating add the remainder of the water.

**STORAGE:** Store in original container, tightly closed, away from foodstuffs. Keep out of reach of children.

**SHELF LIFE:** When stored appropriately, this product should show no significant degradation for 2 years from the date of manufacture. Contact your supplier for further information about the use of any product that is older than this.

**DISPOSAL:** For containers of 20 litres or less, rinse container until wash water is clear. Dispose of container at an approved landfill or other approved facility. Avoid contamination of any water supply or stream with chemical or empty container.

**MATERIAL SAFETY DATA SHEET:** Additional information is listed on the MSDS available from Zelam Ltd or [www.zelam.com](http://www.zelam.com)

**ERMA NEW ZEALAND:** Additional information is available from the ERMA NZ website, [www.ermanz.govt.nz](http://www.ermanz.govt.nz) Approval Code HSR07873

BATCH NO:  
Atomic

D.O.M:

**EMERGENCY PHONE NUMBER**  
0800 CHEMCALL - 0800 243 6225



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