

orion AGRISCIENCE

DANGER
KEEP OUT OF REACH OF CHILDREN



Pro-PTM

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



9 421004 53210 5

5 Litres

140 x 140mm (WxH)

PLEASE READ THE LABEL COMPLETELY BEFORE USE**HAZARD CLASSIFICATIONS:**

Flammable liquid Category 2, Acute oral toxicity Category 4, Skin irritation Category 2, Eye irritation Category 2, Reproductive toxicity Category 1, Specific target organ toxicity (repeated exposure) Category 2, Hazardous to terrestrial vertebrates, Hazardous to soil organisms, Hazardous to the aquatic environment acute Category 1, Hazardous to the aquatic environment chronic Category 1

DANGER: FLAMMABLE, TOXIC, ECOTOXIC

Highly flammable liquid and vapour. Harmful if swallowed. Causes skin and serious eye irritation. May damage fertility or the unborn child. May cause damage to organs through prolonged or repeated exposure. Very toxic to aquatic life with long lasting effects. Harmful to terrestrial vertebrates. Harmful to the soil environment.

PRECAUTIONS

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. Ground and bond container and receiving equipment. Use explosion proof electrical/ventilating/lighting equipment. Use non sparking tools and take action to prevent static discharge.

HANDLING REQUIREMENTS

This product must only be handled, mixed and applied by a suitably qualified person as defined under the HPC notice 2017 Part 4C.

Records of use as described in NZS 8409 Management of Agrichemicals must be kept if 3 L or more is applied within 24 hours and likely to leave the application area.

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. Avoid handling, mixing or use of the product or container near heat, flame or other source of ignition. When mixing or applying, wear overalls, chemical resistant boots and gloves, and eye protection. Use explosion proof electrical/ventilating/lighting equipment. Use non sparking tools and take action to prevent static discharge. 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.

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 use container for any other purpose.

ENVIRONMENTAL

Use this product carefully. Take all reasonable steps to ensure that this product does not cause any significant adverse effects to the environment beyond the application area. Do not apply directly into or onto water. Do not contaminate aquatic environments with product, spray drift or empty container. Do not allow spray drift outside the target area to occur. Collect spillage.

FIRST AID

If medical advice is needed, have product container or label at hand. If swallowed do not induce vomiting. Rinse mouth. Call a poison centre or doctor if you feel unwell. If splashed in eyes, wash cautiously with running water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. 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

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 for registration conditions.

Approved pursuant to the HSN0 Act 1996, No. HSR000601

See www.epa.govt.nz for approval controls.

™PRO-P is a Trade Mark of Orion Agriscience Limited.

Registrant:

Agstin Pte Ltd,
Zagro Global Hub,
5 Woodlands Terrace,
Singapore 738430

Distributor:

Orion Agriscience Ltd,
Unit 1, 15 Sir Gil Simpson Drive,
Harewood, Christchurch 8053.

0800 674 6627

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

0425

PRO-P

PLEASE READ THE LABEL COMPLETELY BEFORE USE

GENERAL INFORMATION

Pro-P is a DMI fungicide with eradicant 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/cm² 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

Do not graze or feed livestock on treated maize or sweetcorn stubble within 14 days of treatment. Do not graze pasture within 7 days of treatment or cut for stockfeed within 14 days of treatment. Do not apply to stonefruit after the appearance of the first flower. Do not apply to kiwifruit after cracking of flower buds (first visible petals).

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.

SEE INSIDE FOR TABLE →

PLEASE READ THE LABEL COMPLETELY BEFORE USE

DIRECTIONS FOR USE

Apply with well-maintained and calibrated spray equipment.

Crop	Disease	Rate per Hectare	Critical Comments
Barley	Leaf Scald, Net Blotch, Spot Blotch, Ovularia Leaf Spot	0.5 litre in a minimum of 200 litres water	Apply at first signs of disease. If weather conditions favor disease a further application may be necessary 3 - 4 weeks later.
	Leaf Rust		Apply as a preventative spray at ear emergence on susceptible cultivars. On less susceptible cultivars apply at first sign of disease.
Wheat	Glume 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.
	Leaf Rust		Apply as preventative spray at ear emergence on susceptible cultivars. On less susceptible cultivars apply at first sign of disease.
	Stripe Rust, Speckled Leaf Blotch		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.