

DANGER

KEEP OUT OF REACH OF CHILDREN

ECOTOXIC

Mergent

FUNGICIDE

Active Ingredient: 450 g/litre Prochloraz in the form of an emulsion in water.

Fungicide for disease control in Avocados, Barley, Wheat, Ornamentals and Radiata pine.

10L

Registered pursuant to the ACVM Act 1997, No. P9845

See www.foodsafety.govt.nz for registration conditions. 10 Polaris Place, East Tamaki, Auckland 2013

Approval pursuant to the HSNO Act 1996,

Approval Code HSR101239

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

Distributed by:

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AGPRO

READ THIS LABEL COMPLETELY BEFORE USE



HAZARD CLASSIFICATIONS

Aspiration hazard Category 1,
Eye irritation Category 2,
Specific target organ toxicity (repeated exposure) Category 2,
Hazardous to terrestrial vertebrates,
Hazardous to the aquatic environment acute Category 1,
Hazardous to the aquatic environment chronic Category 1.

TOXICITY DANGER

May be fatal if aspirated into the lungs. Causes serious eye irritation. May cause organ damage from prolonged or repeated oral exposure.

ECOTOXICITY

Very toxic to aquatic organisms and with long-lasting effects. Harmful to terrestrial vertebrates.

Take all reasonable steps to ensure that the substance does not cause any significant

adverse effects to the environment beyond the application area.

This product must be under the control of a suitably Qualified Handler when being mixed, loaded or applied.

PRECAUTIONS

PERSONAL PROTECTION: Avoid skin or eye contact or inhalation. When mixing or applying this product wear overalls, boots, gloves, respiratory and eye protection. Remove protective clothing and wash hands and face thoroughly before meals and after work.

EQUIPMENT

Apply using accurately calibrated and maintained equipment in accordance with the current version of New Zealand Standard for the Management of Agrichemicals (NZS 8409). Flush spray equipment thoroughly with water after use.

STORAGE

Store in original container tightly closed and in a locked, dry, cool, well-ventilated area away from fertilisers, feed, seeds and foodstuffs. Store in accordance with NZS 8409. Storage of quantities of more than 100L require signage, secondary containment and an emergency plan.

Proper Shipping Name	Class	UN No.	PG	Hazchem	Marine Pollutant
ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., (prochloraz 45%)	9	3082	III	3Z	Yes

Batch Number:

Date of Manufacture:



LBL170.2

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 this product if it is older than this.

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.

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 at an approved landfill.

Container Disposal: Triple rinse container and add residue to spray tank. Take to an approved agrichemical recycling facility or if unable to be recycled, crush and dispose of to an approved landfill. Do not use container for any other purpose.

FIRST AID

For advice call the National Poisons Centre 0800 POISON (0800 764 766) (24 hours) or a doctor. If medical advice is needed have product container or label to hand.

IF SWALLOWED: May be fatal if product is swallowed and enters the airways. Do NOT induce vomiting. Immediately call the Poisons Centre or doctor.

IF INHALED: Move to fresh air and keep at rest in position comfortable for breathing. Call the Poisons Centre or a doctor if you

feel unwell. Apply artificial respiration if not breathing.

IF ON SKIN: Remove contaminated clothing and wash with soap and water. If irritation persists, get medical advice.

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 advice.

SAFETY DATA SHEET

Additional information is provided in the Safety Data Sheet. Phone 09 273 3456 or visit www.agpro.co.nz for a copy.

EMERGENCY RESPONSE

In a transport emergency call 111, Police or Fire Brigade.

For specialist advice in a chemical emergency call 0800 CHEMCALL (0800 243 622).

GENERAL INFORMATION

Mergent is a DMI fungicide with eradicant and protectant activity against certain diseases in Avocados, Barley, Wheat, Ornamentals and Radiata Pine.

RECORD KEEPING

Where 3kg or more of the substance is applied within 24 hours, in a place where the substance is likely to enter air or water and leave the application area, the person in charge of the substance must ensure that a written record of each application of the substance is kept for 3 years.

APPLICATION CONTROLS

This substance must be applied using ground-based methods only.

The maximum application rate is 1.5L/ha (0.675kg of prochloraz active/ha), with a maximum application frequency of three times per season.

This substance must not be applied into or onto water.

It is an offence to use this product on animals.

DIRECTIONS FOR USE MIXING

Add the required amount to the partly filled spray tank with the agitation system operating. Complete filling of spray tank with water and maintain agitation until spraying is complete. Agitate thoroughly before restarting after a stoppage.

COMPATABILITY

Compatible with most commonly used herbicides, fungicides and insecticides. Do not mix with strongly alkaline materials such as Bordeaux mixture and lime sulphur. When used in mixtures care should be taken not to compromise timing or method of application for all components of the tank mix. Do not use in mixture when treating Avocados.

RESISTANCE MANAGEMENT

GROUP	3	FUNGICIDE
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Mergent contains the GROUP 3 DMI fungicide, prochloraz. Do not use another product containing a fungicide in the same group in conjunction with **Mergent**. Wherever practical, apply **Mergent** in mixture with an effective dose of a fungicide from a different group or alternate with fungicides from different groups. Strictly adhere to the application rate and timing and the maximum numbers of applications listed in the directions for use. Exceeding the maximum number of applications per season will increase the risk of resistance development. Apply preventatively when disease levels are low, but disease risk is high. Where **Mergent** 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.

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:

Barley and Wheat - 42 days

CONDITIONS OF SALE

As the use of this product is beyond the control of AGPRO NZ Ltd, no warranty expressed or implied, beyond that covered under the Fair Trading Act is given by AGPRO NZ Ltd regarding its suitability, fitness, or efficacy for any purpose for which it is used by the user, whether in accordance with the directions or not. AGPRO NZ Ltd accepts no responsibility for any consequence whatsoever resulting from the use of this product.

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CROP	DISEASE	RATE	REMARKS
Avocados	Anthraco nose	Post-harvest dip: 110ml/200 litres of water Post-harvest spray: 55ml/100 litres of water	Immerse fruit for 30 seconds. Treat no more than 2 tonnes of fruit (approx. 400 packed trays) per 200 litres dip solution. Discard used dip solution and replace if further fruit is to be treated. Spray fruit for 1 minute in a non-recirculation system. Do not re-use solution. NB Thorough coverage of the fruit is essential. Treat fruit at ambient temperature as soon as practicable after picking. After treatment allow fruit to drain and dry before packing. The rate at which the active ingredient is removed is unknown therefore discarding used dip/spray solution is essential. Dirty fruit should be dipped last. Do not treat visibly diseased fruit.
Barley & Wheat	Eyespot Glume blotch Ear disease complex	1 litre/ha 1 litre/ha 1 litre/ha	Apply from mid to late tillering to flag leaf just visible. Apply as soon as the flag leaf ligule is visible to protect the flag leaf from infection. Apply when the flag leaf is fully emerged (Zadoks GS58).
Barley	Leaf scald Net blotch Spot blotch	1 litre/ha	Apply at the first signs of disease or as a preventative treatment, when conditions favour infection.
Wheat	Speckled leaf blotch	1 litre/ha	Apply as a preventative treatment between first true leaf and tillering or at the first sign of infection. A second application may be required at ear emergence to protect the flag leaf.
Ornamentals	<i>Colletotrichum</i> sp. Glomerella leaf spot <i>Monochaetia</i> sp. <i>Pestalotia</i> sp. Powdery mildew	100ml/100 litres in sufficient water to obtain thorough spray coverage. 100ml/100 litres as a dip	Apply at first signs of infection and repeat at 14 day intervals. Immerse whole plants in dip treatment prior to shipping.
Radiata Pine seedlings	Terminal crook disease	1.5 litres/ha	Apply as a protectant spray at 7-14 day intervals. Use the shorter spray interval under severe infection pressure.