

Proplant[®]

FUNGICIDE

GROUP 28 FUNGICIDE

Active Constituent: 605 g/L Propamocarb present as the monohydrochloride
Poison Schedule: S5 (CAUTION)
APVMA Approval No: 51322

For the control of Damping off on ornamentals and turf caused by *Pythium* spp

Pack Size:
 1L (12 x 1L per carton)

Dangerous Goods Class:
 Not classified as a dangerous good under the Australian Code for Transport and Storage of Dangerous Goods in Australia.

DIRECTIONS FOR USE		
SITUATION	Rate	Critical Comments
ORNAMENTAL* SEEDLINGS Seed Sowing	1.5 mL in 1 litre of water	Apply 2 litres/square metre by watering can immediately after sowing.
Pricking – off seedlings		Apply 2 litres/square metre by watering can into boxes & pots and leave until soil mixture surface is dry enough to prick-off.
Treatment of cuttings	15 mL in 10 litres of water	Dip cuttings in diluted mixture prior to planting. Apply 2 litres of diluted mixture per square metre of soil immediately after setting of cuttings and at intervals of 3 weeks thereafter. A total of 3 to 4 applications should be sufficient during the growing season.
Pot plants		Dip young plants prior to potting out. Apply 100 mL of diluted mixture per 100-110mm pots, 150 mL per 120- 130mm pot and repeat at intervals of 3 weeks thereafter. A total of 3 to 4 applications should be sufficient during the growing season.
Bulk soil treatment preventative	250-300 mL in 10-20 litres of water per cubic metre of soil	Apply to bulk soil for use with pot plants.
Recreational turf	45-65 mL/100m ²	Apply in sufficient water to obtain coverage. Use the lower rate as a preventative treatment. Use the higher rate as a curative or as a preventative treatment during times of high infection pressure. Repeat at 3-4 week intervals.
NOT TO BE USED FOR ANY PURPOSE, OR IN ANY MANNER, CONTRARY TO THIS, LABEL UNLESS AUTHORISED UNDER APPROPRIATE LEGISLATION		

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ORNAMENTALS* – List of Plant Species

Adiantum (pot plants), Aechmea spp., Aeschynanthus spp., Ageratum (seed sowing), Alyssum, Anemone (see Ranunculus), Anthurium spp., Antirrhinum (snapdragon), Aphelandra dania (pot plants), Asparagus, Aster (see Callistephus), Azalea, Banksia spp., Begonia spp. (also seed sowing), Boronia spp., Bromeliads, Brunfelsia calysina, Calceolaria (also seed sowing), Calendula, Callistemon, Callistephus (summer aster) (seed sowing), Carnation, Chlorophytum, Chrysanthemum indicum (also cuttings), Chrysanthemum segetum (seed sowing), Cineraria (see Senecio), Clerodendron, Clematis, Codiaeum variegatum, Coleus, Cyclamen, Delpinium, Dianthus, Dieffenbachia, Dracaena spp., Primula spp., Ranunculus (anemone), Rosa (seed sowing), Saintpaulia, Scindapsus or Rhipidophora, Senecio cruentus, Solanum capsicastrum, Streptocarpus, Strobilanthes, Erica gracilis, Eucalyptus spp., Euphorbia pulcherrima, Fatsia japonica, Ficus spp., Fittonia verschaffeltii, Fuschia, Gerbera jamesonii, Gloxinia, Grevillea spp., Gynura, Hedera helix (ivy), Helichrysum (immortelle) Impatiens, Iris, Kalanchoe, Leptospermum, Lilium, Lobelia (seed sowing), Maranta, Matthiola (stock) (seed sowing), Melaleuca spp., Mesembryanthemum, Mikania applifolia, Monstera deliciosa, Nemesis, Orchids (all common species), Oxalis hedysacharoides rubra, Pachystachys spp., Peperomia spp., Petunia (seed sowing), Phalaenopsis, Philodendron spp., Phlox, Pilea spp., Polypodium (pot plants), Polyscias (lace aralia), Syngonium, Tagetes (seed sowing), Tristania spp., Tulipa (tulip), Verbena, Viola tricolour (pansy) (also seed sowing), Vriesea splendens, Zinnia (seed sowing).

GENERAL INSTRUCTIONS:

Resistance Warning

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FUNGICIDE RESISTANCE WARNING

Proplant Fungicide is a member of the multi-site group of fungicides. For fungicide resistance management Proplant Fungicide is a Group 28 Fungicide. Some naturally occurring individual fungi resistant Proplant Fungicide and other Group 28 fungicides may exist through normal genetic variability in any fungal population. The resistant individuals can eventually dominate the fungi population if these fungicides are used repeatedly. These resistant fungi will not be controlled by Proplant Fungicide and other Group 28 fungicides, thus resulting in a reduction in efficacy and possible yield loss. Since the occurrence of resistant fungi is difficult to detect prior to use, Colin Campbell (Chemicals) Pty Ltd accepts no liability for any losses that may result from the failure of Proplant Fungicide to control resistant fungi

MIXING

This product is completely soluble in water. Simply add the concentrate to the water and stir thoroughly when mixing. The mixture is stable and can be used the following day.

APPLICATION EQUIPMENT

The product can be applied using a watering can or injection equipment (e.g. Gewa), or any conventional high volume ground spraying equipment calibrated to low pressure pump output. Spray nozzles should be capable of putting out a coarse high volume spray at low pressures, 50-100 kPa.

COMPATIBILITY

The product is compatible with most insecticides and fungicides. It is NOT compatible with foliar nutrients.

PROTECTION OF CROPS, NATIVES AND OTHER NON-TARGET PLANTS

Proplant is non-hazardous to a wide range of turf, vegetables, ornamental flowers, indoor plants and shrubs. Care should be taken however with repeated short interval use if used at rates exceeding those

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on the label, as slight necrotic tipping of the cotyledons or advanced leaves may occur.

PROTECTION OF WILDLIFE, FISH AND ENVIRONMENT

Do NOT contaminate dams, waterways or drains with product or used containers.

STORAGE AND DISPOSAL

Store in the closed, original container in a dry, well-ventilated area, as cool as possible out of direct sunlight. Triple or (preferably) pressure rinse containers before disposal. Add rinsings to application equipment. Do not dispose of chemicals, undiluted chemicals on-site. Break, crush, puncture, and bury containers in a disposal pit specifically marked and set up for this purpose clear of waterways, vegetation and roots. Empty containers should not be burnt. This product is corrosive to metals and spray residues should be washed out of the spray vat and the spray system with clean water immediately after use.

SAFETY DIRECTIONS

Will irritate the eyes and skin. Avoid contact with eyes and skin. When opening and preparing solution wear elbow length gloves. Wash hands after use. After each day's use, wash gloves.

FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 13 11 26. For further information, refer to the Material Safety Data Sheet (MSDS 55).

CONDITIONS OF SALE

Agricultural, horticultural and pastoral preparations in their application involve varying factors such as differing conditions, soil, climate and methods of application over which the vendor does not have control, Whilst Colin Campbell (Chemicals) Pty. Ltd believes that all goods sold by it are true to label and are effective and safe for purpose indicated the company and the seller hereby expressly negate and exclude any express or implied condition, statement or warranty, statutory or otherwise, as to quality or fitness of any goods sold for any purpose or purposes whatsoever except such warranties and conditions, if any, as are implied by the Trade Practices Act 1974 (Commonwealth). The company and the seller accept no responsibility for any loss, harm or damage whatsoever suffered from the use of such goods for any purpose or purposes irrespective of whether or not the buyer was acting in reliance upon the advice recommendation or representation of the seller or any representative agent of employee of the company as to such use except in respect of breaches of conditions and warranties, if any, implied by the Trade practices Act and in respect of such breaches the liability of the company and the seller shall be limited to the replacement of the goods or the supply of equivalent goods, or the payment of the cost of replacing the goods.

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