



Proplant[®]
Colin Campbell (Chemicals) Pty Ltd

PROPLANT

GROUP **Y** FUNGICIDE

Active Ingredient: 605 g/L Propamocarb present as the monohydrochloride

Poison Schedule: S5

Resistant Grouping: Group Y

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

Registered for use in: All States

Available in: 1Litre (12 x 1L per carton).

DIRECTIONS FOR USE

FOR CONTROL OF DAMPING-OFF ON ORNAMENTALS AND TURF CAUSED BY *PYTHIUM* spp.

Refer to List of Plant Species for species on which this product may be used

SITUATION	RATE	CRITICAL COMMENTS
ORNAMENTALS*	1.5 mL in 1 litre of water	Apply 2 litres/square metre by watering can immediately after sowing.
Seed 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.



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SITUATION	RATE	CRITICAL COMMENTS
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 - 110 mm pots, 150 mL per 120 - 130 mm 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	45-65mL/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.



ORNAMENTALS* - List of Plant Species

Adiantum (pot plants)	<i>Erica gracilis</i>
<i>Aechmea spp.</i>	<i>Eucalyptus spp.</i>
<i>Aeschynanthus spp.</i>	<i>Euphorbia pulcherrima</i>
Ageratum (seed sowing)	<i>Fatshedera Lizei</i>
Alyssum	<i>Fatsia japonica</i>
Anemone (see Ranunculus)	<i>Fiscus spp.</i>
<i>Anthurium spp.</i>	<i>Fittonia verschaffeltii</i>
Antirrhinum (snapdragon)	Fuschia
Aphelandra dania (pot plants)	<i>Gerbera jamesonii</i>
Asparagus	Gloxinia
Aster (see Callistephus)	<i>Grevillea spp.</i>
Azalea	Gynura
<i>Banksia spp.</i>	<i>Hedera helix</i> (ivy)
<i>Begonia spp.</i> (also seed sowing)	Helichrysum (immortelle)
<i>Boronia spp.</i>	Impatiens
Bromeliads	Iris
<i>Brunfelsia calysina</i>	Kalanchoe
Calceolaria (also seed sowing)	Leptospermum
Calendula	Lilium
Callistemon	Lobelia (seed sowing)
Callistephus (summer aster)	Maranta
(seed sowing)	Matthiola (stock) (seed sowing)
Carnation	<i>Melaleuca spp.</i>
Chlorophytum	Mesembryanthemum
<i>Chrysanthemum indicum</i>	<i>Mikania applifolia</i>
(also cuttings)	<i>Monstera deliciosa</i>
<i>Chrysanthemum segetum</i>	Nemesia
(seed sowing)	Orchids (all common species)
Cineraria (see Senecio)	<i>Oxalix hedysacharoides rubra</i>
Clerodendron	<i>Pachystachys spp.</i>
Clematis	<i>Peperomia spp.</i>
<i>Codiaeum variegatum</i>	Petunia (seed sowing)
Coleus	Phalaenopsis
Cyclamen	<i>Philodendron spp.</i>
Delpinium	Phlox
Dianthus	<i>Pilea spp.</i>
Dieffenbachia	Polypodium (pot plants)
<i>Dracaena spp.</i>	Polyscias (lace aralia)
<i>Primula spp.</i>	Syngonium
Ranunculus (anemone)	Tagetes (seed sowing)
Rosa (seed sowing)	<i>Tristania spp.</i>



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Saintpaulia	Tulipa (tulip)
Scindapsus or Rhipidophora	Verbena
<i>Senecio cruentus</i>	<i>Viola tricolour</i> (pansy)
<i>Solanum capsicastrum</i>	(also seed sowing)
Streptocarpus	<i>Vriesea splendens</i>
Strobilanthes	Zinnia (seed sowing)

General Instructions

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.

Environmental Information

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

Protection Of Crops, Natives And Other Non-Target Plants

Proplant is non-hazardous to a wide range of ornamental flowers, indoor plants and shrubs.

Care should be taken however with repeated short interval use if used at rates exceeding those on the label, as slight necrotic tipping of the cotyledons or advanced leaves may occur.

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

Avoid contact with eyes and skin. Wash hands after use.

First Aid:

If poisoning occurs, contact a Doctor or Poisons Information Centre.

For further information refer to the Material Safety Data Sheet (MSDS 55)

Trade Mark "Proplant " is a registered trade mark of Chimac-Agriphar S.A. Belgium

APVMA Approval No. 51322