

Proplant®

Proplant is a systemic fungicide for the control of damping-off (*pythium spp*) in ornamentals and turf.



Active Ingredient: 605g/litre propamocarb

Chemical Group: Carbamate

Formulation: Soluble concentrate

Pack Size: 1 Litre

- ✓ **Proplant has a multiple mode of action within the plant.**
 - After soil application, Proplant is rapidly taken up by the roots and transported throughout the plant. Proplant stops growth and development of the fungus, providing longlasting protection of the plant against further attack.
- ✓ **Proplant degrades rapidly in the soil and under normal conditions does not leach into the groundwater.**
- ✓ **Proplant is selective to a wide range of ornamental species.**
- ✓ **Proplant has excellent activity on pythium, with proven suppression of phytophthora.**
- ✓ **Proplant stimulates plant growth.**
 - By promoting germination, emergence and rooting, Proplant encourages seedlings and young plants to develop more rapidly, more uniformly and more vigorously.

When quality comes first...

Throughout the world, Proplant® has become the fungicide of choice for professional growers. Proplant® offers excellent long-lasting systemic protection against damping-off in ornamentals. It can be used with confidence for the protection of seedlings and young plants – independent of growth stage – against all major Oomycete soil fungi without causing crop stress or risk of phytotoxicity.

Attack by Oomycete soil fungi can cause extensive yield losses...

Destructive Oomycete soil fungi of the genera *Pythium* and *Phytophthora* are widely distributed and first invade plants at an early stage in the seedbeds. They cause rot, damping-off, seedling rot, root rot and stem rot which can lead to extensive yield losses of as much as 100%.

DO NOT APPLY TO FOOD OR ANIMAL FEED CROPS.

Recommendations for the control of damping off (*Pythium spp*) in ornamentals

Directions for use:

Crop	Remarks
Seedling and seed bed treatment:	Mix 1.5ml/litre of water and apply 2 litres of solution per square metre as a soil drench. Prick out seedlings as soon as soil has dried sufficiently to be worked.
Cuttings - soil treatment - plants	Mix 1.5ml/litre of water. Apply 2 litres of solution per square metre immediately after setting and repeat at 3 weekly intervals. Normally 3-4 treatments are adequate. Dip into solution of 1.5ml/litre of water.
Pot plants	Mix 1.5 ml/litre of water. Drench or dip young plants prior to potting out. Immediately after planting apply 100mls of solution per 100-110mm pot, 150ml per 120-130mm pot and repeat at 3 weekly intervals. Normally 3-4 treatments are adequate.
Bulk soil	Apply 250-300ml in 10-20 litres of water per cubic metre of soil and mix thoroughly. Preventative treatment in bulk soil for pot plants is recommended.
Turf	Rate: 45-65ml / 100m ² . Apply in sufficient water to spray to run-off. Use the lower rate as a preventative treatment. Use the higher rate as a curative or preventative treatment during times of high infection pressure. Repeat at 3-4 week intervals. Under high disease pressure, the maximum interval between applications should not exceed 3 weeks. It is recommended that as much thatch as possible should be removed before application. MUST NOT BE USED ON AREAS TO BE GRAZED.

Directions for use cont...

Proplant® has been successfully used at the recommended dosages on the following plants overseas:

Adiantum (pot plants)	Chlorophytum	Gloxinia	Phalaenopsis
Aechmea spp.	Chrysanthemum indicum	Gevillea spp.	Philodendron spp.
Aeschynanthus spp.	(also cuttings)	Gynura	Phlox
Ageratum (seed sowing)	Chrysanthemum segeium	Hedera hellix (Ivy)	Pilea spp.
Alyssum	(seed sowing)	Helichrysum (immortalle)	Polypodium (pot plants)
Anemone (see Ranunculus)	Cineraria (see Senecio)	Impatiens	Polyscias (lace aralia)
Anthurium spp	Clerodendron	Iris	Primula spp.
Antirrhinum (snapdragon)	Clematis	Kalanchoe	Ranunculus (anemone)
Aphelandra dahlia	Codiaeum variegatum	Leptospermum	Rosa (seed sowing)
Aralla (pot plants)	Coleus	Lilium	Saintpaulia
Asparagus spp.	Cyclamen	Lobelia (seed sowing)	Scindapsus or
Aster (see Callistephus)	Delphinium	Maranta	Rhadphiphora
Azalea	Dianthus	Matthiola (stock)	Senecio cruentus
Banksia spp.	Dieffenbachia	(seed sowing)	Solanum capsicastrum
Begonia semperflorens	Dracaena spp.	Melaleuca spp.	Streptocarpus
Begonia tuberhybrida	Erica gracillis	Mesembryanthemum	Strobliantes
Bromelide	Eucalyptus spp.	Mikania appliolia	Syngonium
Brunfelsia calycina	Euphorbia pulcherrima spp.	Monstera deliciosa	Tagetes (seed sowing)
Calceolaria	Fatshedera lizel	Nemesia	Triatania spp.
(also seed sowing)	Fatsia japonica	Orchids (all species)	Tulips (tulip)
Calendula	Ficus spp.	Oxalis hedyacharoides	Verbena
Callstemon	Fittonia	Pachystachys spp.	Viola tricolour (pansy)
Callestephus (summer aster)	Fuchsia	Pelargonium spp.	(also seed sowing)
(seed sowing)	Gerbera jamasonil	Peperomia spp.	Vriesia spendens
Carnation		Petunia (seed sowing)	Zinnia (seed sowing)

To check the safety of Proplant® N on other species, it is recommended to treat a few plants and wait to see the effect.