

*The longest lasting pythium fungicide*



*Campbell*



**PROPLANT<sup>®</sup>**

Fungicide

**F**

**THE LONGEST RESIDUAL OF ANY PYTHIUM FUNGICIDE**

**UP TO 28 DAYS CONTROL**

PROPLANT IS A **PREVENTATIVE AND CURATIVE** PROVEN FOR  
**OVER 15 YEARS**



*Campbell*

**COLIN CAMPBELL (CHEMICALS) PTY LTD**

100% Australian owned & operated. Established 1940

**The Key to Professional Turf**

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**Product Name:** Proplant®  
**Product Type:** Fungicide  
**Active Constituent:** 606g/L Propamocarb  
**Resistance group:** Group 28 Fungicide  
**Formulation:** Soluble Liquid  
**Pack Size:** 1L (12 x 1L per carton)

## How does Proplant work

- The leaf, stem and roots of the plant rapidly absorb Proplant and it thus quickly spreads throughout the plant with its systemic upward action giving a long effective residual.
- As a curative measure, Proplant attacks the cell membrane of mycelium, eliminates the fungi and prevents any new spores from germinating.
- As a preventative measure it protects the plant from any fungal infection that may or may not be visibly present.

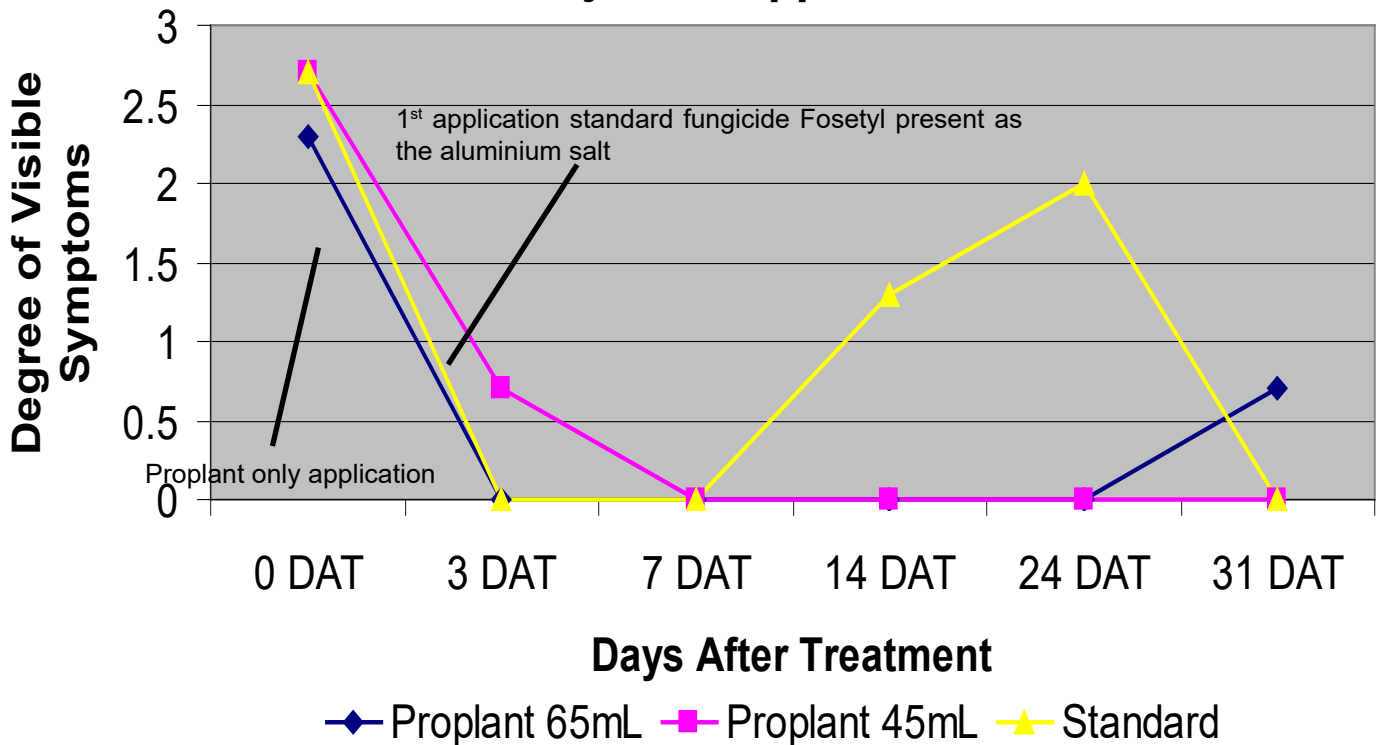
## Ornamental Use

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.

# Turf Use

SITUATION	Rate	Critical Comments
Recreational turf	45-65 mL/100m <sup>2</sup>	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.

## Proplant vs Standard Fungicide Control Against *Pythium* spp



This trial was conducted under severe disease pressure with symptoms already present. At the time there were 2 different standard fungicides used. The first application (yellow line) used Fosetyl present as the aluminium salt. This gave 7 days control until symptoms started to appear again. The second (yellow line) standard fungicide (Metalaxyl-M) application was applied 24 days after the initial treatment. As you can see both standard fungicides gave control of the disease but 2 applications had to be made to keep control of the disease. With 1 application (Blue line), Proplant disease symptoms ceased within 3 days and controlled *Pythium* spp for 24 days after the initial application.

HENCE Proplant not only gives you better curative and preventative control of *Pythium* spp but also saves you time and money with no additional applications.

## Protecting Your New Seeds From *Pythium* - Why The Need?

The reason you need to protect your new seedlings is that *pythium* is a fungal disease that can wipe out your seeds very rapidly if not treated.

Proplant protects new seedlings from all *pythium* species (damping off) attack when it comes to oversowing for the new season or at the end of the season. These seedlings are young and hence more susceptible to the disease during these times.

We recommend at the very least 1 application of Proplant after seeding has taken place. If a subsequent application can be applied the chance of reinfection will be greatly minimised.





# Colin Campbell (Chemicals) Pty Ltd

PROUDLY AUSTRALIAN OWNED & OPERATED CELEBRATING OUR 80<sup>TH</sup> YEAR IN 2020.

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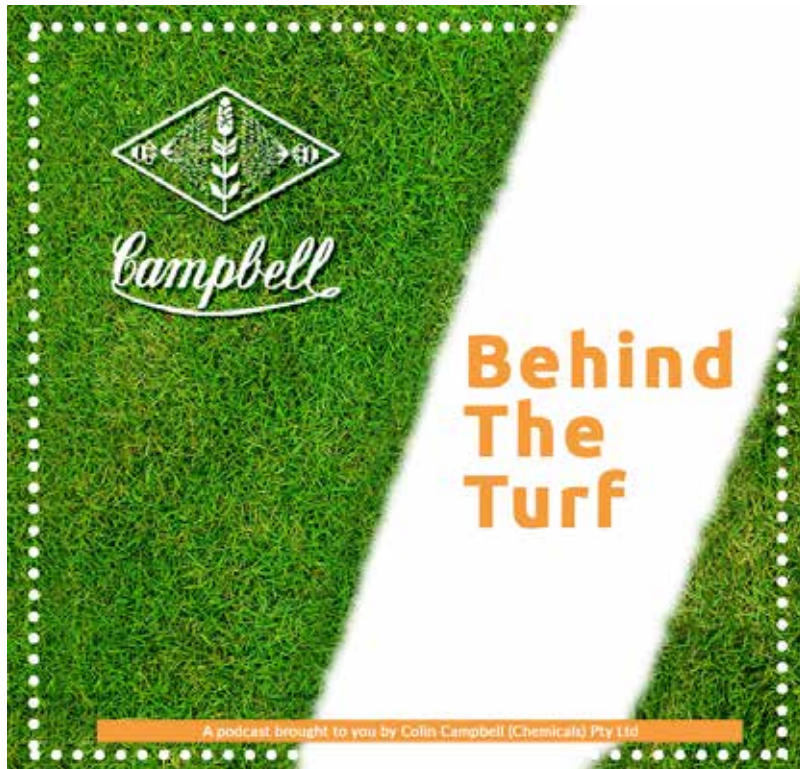


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