



# Chloronil Pro

Fungicide



Product Information



## What is Chloronil Pro Fungicide?

*Chloronil Pro is a broad spectrum, contact or protectant fungicide containing 720g/L of the active ingredient Chlorothalonil.*

*It is registered for the control of Brown Patch, Dollar Spot and Grey Leaf Spot in all recreational turf situations. It is also registered for the control of Botrytis, Grey Mould, Rust and Septoria and Alternaria Leaf Blight in ornamental plant applications.*



## Features of Chloronil Pro Fungicide

- ✓ Premium formulation with an improved adjuvant package, has superior sticking, coverage and residual performance compared to other formulations.
- ✓ Broad spectrum disease control for use in both turf and ornamental plant situations.
- ✓ Green pigment in formulation enhances turf colour and maximises plant health and recovery from disease infection, particularly in slower growth periods.
- ✓ Good residual performance versus other contact fungicide chemistries providing up to 14 days protection.
- ✓ Formulated and developed in Australia to meet local requirements.

## Chloronil Pro at a glance

Active Ingredient	720g/L Chlorothalonil
Formulation	Suspension Concentrate
Pack Size	10L
Rate	13-24L/ha OR 130-240mL/100m <sup>2</sup> 100mL/100L of water (Ornamentals)
Poison Schedule	Schedule 6 (Poison)
Mode of Action	Group M5 Fungicide

## ➤ Chloronil Pro Mode of Action

Chloronil Pro helps to prevent infection of fungi by acting as a protective barrier on the plant's leaf surfaces which kills fungi on contact. Chloronil Pro is classified as a Contact and Protectant fungicide.

Chlorothalonil, the active ingredient in Chloronil Pro is a multi-site inhibitor affecting various enzymes and other metabolic processes in fungi. It inhibits spore germination, and is antagonistic to fungal cell membranes.

Chloronil Pro is classified as possessing a Group M5 mode of action and belongs to the Chloronitrile chemical family.

## ➤ Chloronil Pro Formulation Characteristics

**Unique Adjuvant Package:** The adjuvant package in Chloronil Pro is designed to assist the Chlorothalonil to spread out uniformly on hairy and waxy leaves to get into cracks and crevices, optimising fungicide coverage.

In addition, the adjuvant package in Chloronil Pro also helps by retarding migration of the active ingredient from treated plant or soil surfaces.

The ability of Chloronil Pro's adjuvant package to retain Chlorothalonil on the foliage and retard its environmental degradation allows the active ingredient to remain on and within the plant for longer, optimising fungicidal control for LONGER.



**Green Pigment Formulation:** A unique feature of the Chloronil Pro formulation is its inclusion of a proprietary green pigment. The benefits of the green pigment in Chloronil Pro are as follows;



- The green pigment technology increases solar radiation.
- Increases soil and surface temperatures, creating a more desirable microclimate for growth and product uptake.
- Increases the plants photosynthetic rate.
- Increases the plants metabolism in slow periods of growth enhancing recovery potential following disease infection.

### ➤ Chloronil Pro Application Information

**Turf:** The rate for Chloronil Pro in turf is 13-24L/ha (130-240mL/100m<sup>2</sup>). It is best applied as a preventative or as an early curative at the first sign of disease presence in turf.

For best curative control performance it is recommended Chloronil Pro is mixed with a systemic fungicide. As Chloronil Pro is a contact fungicide, application coverage is essential for achieving good disease control. Chloronil Pro should be applied in 400-800 litres of water per hectare to target leaf diseases. Chloronil Pro provides up to 14 days protection. After 14 days, for continued protection re-apply Chloronil Pro or another fungicide.

**Landscape & Ornamentals:** Chloronil Pro should be applied to ornamental plants at a rate of 100mL/100L of water. As for turf applications, to achieve optimal performance, ensure good spray coverage of the plant foliage. Repeat applications at 7-14 day intervals to ensure optimal plant coverage. Avoid applications to blooms in Azalea, Hydrangea and Petunia.

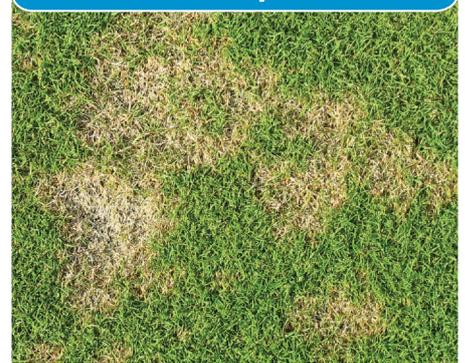
### ➤ Key Diseases Controlled

#### Brown Patch



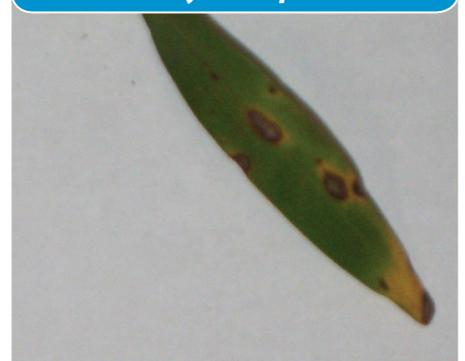
**Pathogen:** *Rhizoctonia solani*  
**Site of Infection:** Foliage & roots  
**Ideal Infection Temperature:** 25-30°C

#### Dollar Spot



**Pathogen:** *Sclerotinio homeocarpa*  
**Site of Infection:** Foliage  
**Ideal Infection Temperature:** 15-35°C

#### Grey Leaf Spot



**Pathogen:** *Pyricularia grisea*  
**Site of Infection:** Foliage  
**Ideal Infection Temperature:** 26-32°C

### Other products available from Amgrow

#### Transact Pro Fungicide

Transact Pro is a premium locally systemic, broad spectrum fungicide containing 250g/L of the active ingredient Iprodione.

Transact Pro contains a unique adjuvant package for improved coverage, plant uptake and residual performance.

A unique green pigment in the formulation enhances turf colour and improves turf health for optimised disease recovery.

