Transact Pro

Fungicide

Product Information

What is Transact Pro Fungicide?

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



Transact Pro contains an 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.

Features of Transact Pro Fungicide

- ✔ Premium formulation with an improved adjuvant package. Offers superior sticking ability, coverage and extended residual performance when compared to other formulations.
- ✔ Broad spectrum disease control. Offers exceptional control of major turfgrass diseases both inside and outside the plant.
- ✔ Green pigment in formulation enhances turf colour, acts as a spray indicator and maximises plant health and recovery from disease infection, particularly in slower growth periods.
- ✔ Rapid disease knockdown – faster turf recovery, reducing scaring potential.
- ✔ Formulated and developed in Australia to meet local requirements.

Transact Pro at a glance

Active Ingredient	250g/L Iprodione
Formulation	Suspension Concentrate
Pack Size	5L
Rate	90-180mL to 150L water/100m^2
Poison Schedule	Schedule 5 (Caution)
Mode of Action Group	Group 2 Fungicide

› Transact Mode of Action

Iprodione, the active ingredient in Transact Pro is a member of the dicarboxymide fungicide group. Transact Pro is a locally systemic fungicide with both protective and curative activity. Iprodione controls susceptible fungi by inhibiting germination of fungal spores and growth of mycelium (a vegetative part of the fungus) on plant tissue.

Transact Pro possesses locally systemic movement (Translaminar) capabilities within plants, meaning that when used as a foliar treatment, it has the capacity to penetrate into leaf tissue, moving from the upper leaf surface to the bottom leaf surface, enhancing protection of the entire leaf area. Transact Pro's translaminar capability also ensures that plant pathogens growing within plant tissue can be effectively controlled via an application of Iprodione.

Transact Pro is a Group 2 fungicide. With many of our turf fungicides now in the Group 3 or 11 classifications, Transact Pro offers a useful rotational tool from a programming perspective.

Transact Pro Formulation Characteristics

Unique Adjuvant Package: The adjuvant package in Transact Pro is designed to assist the Iprodione to penetrate and spread out uniformly on hairy and waxy leaves to get into cracks and crevices, optimising fungicide coverage. In addition, the adjuvant package in Transact Pro also helps by retarding migration of the active ingredient from treated plant or soil surfaces. The ability of Transact Pro's adjuvant package to retain Iprodione 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 Transact Pro formulation is its inclusion of a proprietary green pigment. The benefits of the Green Pigment in Transact Pro are as follows:

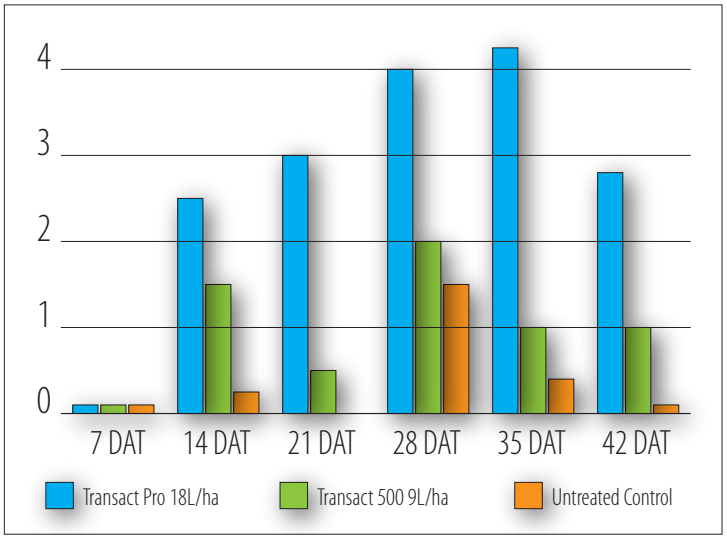
- The green pigment technology increases solar radiation.
- Increases soil and surface temperatures, creating a more desirable microclimate for growth and product uptake.
- Increases the plants photosynthetic rate.
- Increases the plants metabolism in slow periods of growth enhancing recovery potential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

Transact Pro Application Information

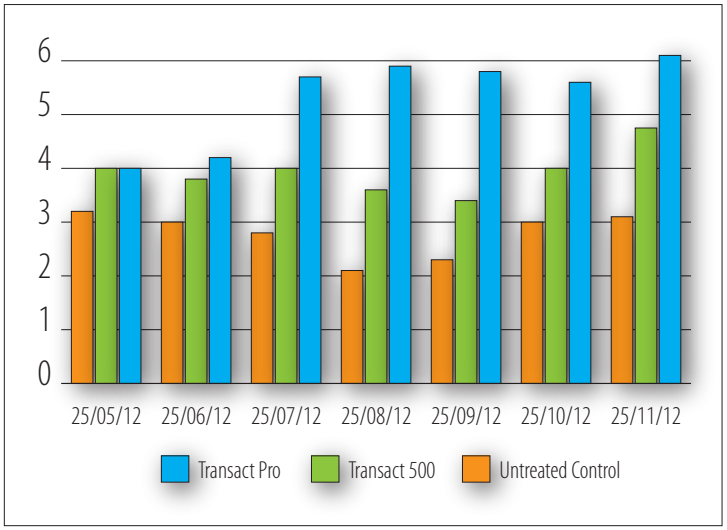
Transact Pro can be applied as a preventative treatment in a monthly program or as a curative at the first sign of disease presence in turf. Although the adjuvant package in Transact Pro (Iprodione) can act as a buffer against spray tank water pH, placing the product for extended periods in water with a pH is 7 or higher can impact upon its stability.

It is essential to check the pH before mixing and maintain below 7. To ensure stability, LI 700 can be used to achieve acidic tank conditions. Transact Pro is a penetrant fungicide with translaminar movement and therefore good coverage is essential in achieving good disease control. Transact Pro should be applied in 400-600 litres of water per hectare to target leaf diseases and above 600L for soil-borne diseases. Irrigation with 2-4 mm is required to assist the movement of the fungicide into the soil to control diseases in the rootzone.

Disease Control Score on Dollar Spot Infection



Field Trials at Moore Park Golf Club – Turf Quality Readings



Other products available from Amgrow

Mancoflo Fungicide



Mancoflo Fungicide is an economical, protectant fungicide containing 750g/kg Mancozeb in a dry flowable formulation. It is registered for the control of Helminthosporium, Fusarium and Brown Patch in turf situations.

In ornamentals, it is registered for the control of Rust, Alternaria Leaf Spot, Botrytis, Septoria Leaf Spot and Black Spot in Carnations, Chrysanthemums, Gladioli and Roses.

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