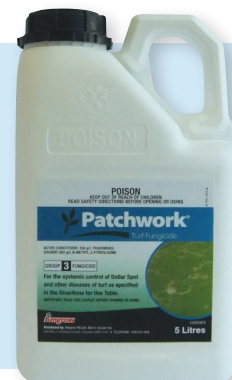




What is Patchwork Fungicide?

Patchwork is a broad spectrum fungicide containing 250g/L of the active ingredient Triadimenol.

It is specifically registered for the control of Dollar Spot, Black Helminthosporium, Take All Patch and Winter Fusarium in all recreational turf situations.



Features of Patchwork Fungicide

- ✓ Turf specific formulation.
- ✓ Broad spectrum activity, but particularly effective on Dollar Spot and ERI diseases.
- ✓ Cost effective form of Triadimenol for broadacre usage.
- ✓ Systemic movement within the plant providing up to 30 days residual activity.
- ✓ Possesses both curative and preventative activity.
- ✓ Excellent turf safety characteristics.
- ✓ Available in larger pack sizes for broadacre applications.

Patchwork at a glance

Active Ingredient	250g/L Triadimenol
Formulation	Suspension Concentrate
Pack Size	5L
Rate	Turf: 3-6L/ha
Poison Schedule	Schedule 6 (Poison)
Mode of Action	Group 3 Fungicide

► Patchwork Mode of Action

Triadimenol, the active ingredient in Patchwork is a systemic fungicide that once absorbed by roots and leaves moves upwards within the plant. Patchwork possesses curative, protective and eradicator action when controlling turfgrass fungi.

Triadimenol is a Group 3 fungicide. It works in controlling turf pathogens by disrupting the fungi's membrane function. It is classified as a DMI inhibitor as it stops the demethylation step in the biosynthesis of ergosterol, a vital component of cell walls in many fungi.

Resistance Management: Patchwork is a Group 3 Fungicide. Croplife's Resistance Management Strategy Recommendations for Fungicides are to not apply more than two consecutive sprays of fungicides from the same activity group. Turf Fungicides within the same mode of action group as Patchwork are as follows: Propiconazole, Tebuconazole, Prochloraz

► Patchwork Application Information

Patchwork is applied at a rate of 3-6L/ha (30-60mL/100m²). In turf situations, depending upon the target pathogen In turf applications, it is recommended that Patchwork be applied in a minimum of 300L of water per hectare with a medium sized droplet to obtain an even coverage over the turf surface. For root borne diseases such as Take All Patch, irrigation maybe required to place the active ingredient into the rootzone.



➤ **Key Diseases Controlled**

Take All Patch



Pathogen: *Gaeumanomyces graminis*
Site of Infection: Roots
Ideal Infection Temperature: 10-30°C

Dollar Spot



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

Fusarium Patch



Pathogen: *Microdochium nivale*
Site of Infection: Foliage & roots
Ideal Infection Temperature: 0-20°C

Black Helminthosporium



Pathogen: *Bipolaris, Drechslera & Exserohilum*
Site of Infection: Foliage & roots
Ideal Infection Temperature: 18-35°C

➤ **Environmental Fate & Decomposition**

Patchwork has low to moderate persistence in soils. The average half-life of Triadimenol in the soil is 26 days.

Patchwork is very stable in water and does not readily undergo hydrolysis unlike some other turf fungicide active ingredients. As a result, there is little requirement for tank water treatment prior to using the fungicide.

➤ **Adjuvant Recommendations**

To enhance longevity and overall performance of Patchwork when controlling foliar based diseases such as Dollar Spot, Helminthosporium and Winter Fusarium it is recommended that Pro-Film 904 be tank mixed with Patchwork at the rate of 300mL/ha.

When treating for soil or root borne pathogens it is recommended that a penetrant surfactant such as Stamina Express be tank mixed with Patchwork at the rate of 3L/ha.

Other products available from Amgrow

Prop 500 Fungicide

Prop 500 Fungicide is a broad spectrum fungicide containing 500g/L of the active ingredient Propiconazole.

It is specifically registered for the control of Spring Dead Spot and Dollar Spot in a range of turf management situations.



Pro-Film 904

Pro-Film 904 Non-Ionic Extender / Sticker / Spreader is a unique, high quality, multi-purpose non ionic adjuvant, designed to enhance performance of herbicides, fungicides, insecticides and PGR's applications.

Pro-Film 904 is a completely natural product derived from pine resin technology developed by the market leading company in the US - Miller Chemical Company.

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.

