



What is Vantage Fungicide?

Vantage Fungicide is a broad spectrum, systemic fungicide containing 95g/L of the active constituent Azoxystrobin, a trusted chemistry for Australian turf professionals. It is registered for the control of a range key turfgrass pathogens including Anthracnose, Brown Patch, Grey Leaf Spot, Helminthosporium Complex, Red Thread, Winter Fusarium and Pythium Blight.



Features of Vantage Fungicide

- ✓ Premium formulation (Dispersible Concentrate) for enhanced fungicide performance and tank mix flexibility with many other plant protection products
- ✓ Tried and tested chemistry providing reliable protection from key turfgrass pathogens for up to 28 days
- ✓ Ideal for tank mixing with contact chemistries to provide systemic and contact protection against key turfgrass diseases in periods of high pressure
- ✓ No petroleum solvent means reduced odour, staining and better turf safety

Vantage at a glance

Active Ingredient	95g/L Azoxystrobin
Formulation	Dispersible Concentrate (Micro Emulsion in H ₂ O)
Pack Size	1L, 5L
Rate	6L / Hectare
Poison Schedule	Schedule 5
Mode of Action	Group 11 Fungicide

› Vantage Mode of Action

Movement within the plant

Vantage Fungicide's systemic movement classifies it as an acropetal penetrant fungicide, meaning that it moves upward within the xylem of the plant.

Following application, the active ingredient diffuses through the leaf cuticle, before it begins moving through plant tissue cells towards the xylem tissue.

Azoxystrobin is capable of only apoplastic transport through the plant tissue, meaning it moves around individual cells and through intracellular spaces, and does not pass through living cells (Latin, 2011).

Activity on Fungal Pathogens







A member of the strobiluron fungicide group, Azoxystrobin inhibits pathogen growth at the early stages of development by interfering with energy production and subsequently stopping or reducing fungal growth.

Vantage's mode of action makes it effective as a preventative measure, or against early stage infections, however efficacy on established fungal infection can be enhanced through the addition of an additional fungicide with a different mode of action.

As a precaution to manage the risk of fungicide resistance it is not recommended to apply Vantage for more than a total of one third of the fungicide applications in one season.



➤ **Key Diseases Controlled**

<p>Brown Patch</p>  <p>Pathogen: <i>Rhizoctonia solani</i> Site of Infection: Foliage & Roots Ideal Infection Temperature: 25-30°C</p>	<p>Anthracnose</p>  <p>Pathogen: <i>Colletotrichum graminicola</i> Site of Infection: Foliage & Crown Ideal Infection Temperature: 26-33°C</p>	<p>Winter Fusarium</p>  <p>Pathogen: <i>Microdochium nivale</i> Site of Infection: Foliage & Roots Ideal Infection Temperature: 18-26°C</p>
<p>Grey Leaf Spot</p>  <p>Pathogen: <i>Pyricularia grisea</i> Site of Infection: Foliage Ideal Infection Temperature: 26-32°C</p>	<p>Drechslera</p>  <p>Pathogen: <i>Drechslera</i> spp. Site of Infection: Foliage Ideal Infection Temperature: 15-24°C</p>	<p>Pythium Leaf Blight</p>  <p>Pathogen: <i>Pythium</i> spp. Site of Infection: Foliage Ideal Infection Temperature: 28-35°C</p>

➤ **Vantage Formulation Characteristics**

Vantage Fungicide is classified as a Dispersible Concentrate and forms a Micro Emulsion upon dilution with water. Micro Emulsions are water based systems containing a water insoluble component, however due to the very small size of the particles of active ingredient, the formulation is designed to be stable and separation of oil and water phases does not occur. As a result, plant uptake is optimised and the tank mix flexibility of the product is greatly enhanced making it the ideal tank mix partner for other fungicides.

➤ **Vantage Application Information**

The rate for Vantage fungicide is 60mL/100m² or 6L/Ha in 400-800L of water. It is best applied as a preventative fungicide, prior to the onset of disease pressure or at the first appearance of disease symptoms. To enhance the spectrum of control it is recommended that Vantage be applied with a contact fungicide to achieve both systemic and contact protection from pathogens.

Other products available from Amgrow

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.

