

Azo-Force 250SC

Fungicide

*A concentrated turf registered Azoxystrobin
in a Suspension Concentrate formulation*

Helminthosporium



Product Overview

Azo-Force 250SC is a broad spectrum fungicide containing 250g/L of the active ingredient Azoxystrobin. It is specifically registered for the control of Anthracnose, Grey Leaf Spot, Helminthosporium disease complex (*Bipolaris*, *Drechslera*, *Exserohilum* spp), Red Thread, Winter Fusarium, Brown Patch and Pythium in all turf management situations.

Key Features

- > Highly concentrated form of Azoxystrobin for turf management.
- > Suspension Concentrate (SC) formulation = low odour, tank mix flexible, excellent safety to the plant.
- > S5 (Caution) fungicide chemistry. Lower scheduling than many fungicide chemistries = reduced PPE requirements.
- > Broad spectrum of activity – registered for up to 10 turfgrass pathogens.
- > Systemic movement providing up to 28 days residual activity.
- > Does not regulate turf growth, unlike DMI chemistry. Can be used safely during the summer months, forming the base of a residual program.
- > Convenient 2.5L pack size = easy to handle, easy to pour, limited measuring.

Winter Fusarium



Mode of Action

GROUP 11 FUNGICIDE

Azoxystrobin, the active ingredient in Azo-Force 250SC is a systemic fungicide that once absorbed by roots and leaves moves upwards within the plant. Azo-Force 250SC fungicide possesses curative, translaminar and preventative activity when controlling turfgrass fungi. However, Azoxystrobin works at it's strongest as a residual preventative product.

Azo-Force 250SC is a Group 11 fungicide. The mode of action of azoxystrobin is to prevent the respiration of fungi due to the disruption of the electron transport chain, preventing ATP synthesis (this occurs as the azoxystrobin binds to the Qo site of Complex III within the mitochondrion).

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Focused on Specialty markets



Azo-Force 250SC – Use Rates & Label Recommendations

SITUATION	DISEASES CONTROLLED	RATE / HA	CRITICAL COMMENTS
Turf	Anthracnose (<i>Colletotrichum graminicola</i>) Grey Leaf Spot (<i>Pyricularia grisea</i>) Helminthosporium disease (<i>Bipolaris</i> spp., <i>Drechslera</i> spp., <i>Exserohilum</i> spp.) Red Thread (<i>Laerisaria fruciformis</i>) Winter Fusarium (<i>Microdochium nivale</i> , <i>Fusarium nivale</i>) Microdochium Patch	12-23mL/100m ² applied in 4-8 L of water. (1.2-2.3 L in 400-800L of water per hectare)	Apply in sufficient volume of water to achieve thorough coverage of all foliage. Apply Azo-Force 250SC Fungicide in a preventative fungicide program containing fungicides from different chemical groups (such as propiconazole and chlorothalonil). Begin applications before symptoms occur when conditions favour disease and continue applications while conditions remain favourable for disease development. Apply 2 consecutive applications at 14 to 21 day intervals. Use the shorter spray interval when climatic conditions remain favourable for disease development over prolonged periods. Spray interval: Apply no more than 2 consecutive Azo-Force 250SC Fungicide applications at 14-21 days intervals for Helminthosporium and at 14-28 day intervals for the other diseases. Use the shorter spray interval or apply the higher rate when climatic conditions remain favourable for disease development over prolonged periods. Use the shorter spray interval and apply the higher rate when conditions for disease development are optimum.
	Brown Patch (<i>Rhizoctonia solani</i>)	23mL/100m ² applied in 4-8 L of water (2.3L in 400-800L of water per hectare)	Apply in sufficient volume of water to achieve thorough coverage of all foliage (Pythium Leaf Blight). Wash in within 1 hour after application (Pythium Root Rot and Seedling Damping Off). Apply Azo-Force 250SC Fungicide in a preventative fungicide program containing fungicides from different chemical groups. Begin applications when conditions first favour disease development and before disease is present. Resistance Management: Disease control may be reduced if strains of pathogens less sensitive to Azo-Force 250SC Fungicide develop. Azo-Force 250SC Fungicide is best used in a preventative disease control program. Reliance on curative use of Azo-Force 250SC Fungicide could lead to resistance. As a precaution, DO NOT apply AZOXYSTROBIN Fungicides for more than 1/3 of the total fungicide applications in one season. If consecutive applications of Azo-Force 250SC Fungicide are used they must be followed by at least the same number of applications of fungicides from a different group before Azo-Force 250SC Fungicide is used again in the current or following season.
	Pythium Leaf Blight Pythium Root Rot Seedling Damping Off (<i>Pythium</i> spp.)	23mL/100m ² applied in 4-8 L of water (2.3L in 400-800L of water per hectare)	