



Soprano[®] 500

Broad spectrum contact and systemic fungicide

Product overview

Soprano[®] 500 is a broad spectrum fungicide for containing the active consistent of 500 g/L epoxiconazole in a soluble concentrate (SC) formulation. This is an increased active constituent loading on previous formulations and offers the first registered claim for Septoria Leaf Blotch in Oats with this active constituent. Soprano 500 offers a broader range of disease control and covers more acres with less packaging and handling.

Mode of action

GROUP 3 FUNGICIDE

Epoxiconazole the active ingredient in Soprano 500 is a member of the DMI group of fungicides (Group 3). Soprano 500 is a sterol biosynthesis inhibitor and works by encapsulating the fungal haustoria which is then cut off from it's food supply and dies.

The action of Soprano 500 is acropetal movement within the plant. The fungicide is transported within the plant structure via the xylem. Movement is upward and outward and provides protection of new growth. Through coverage of the crop is necessary for best results. An application rate of 50-100 litres of water per hectare (ground application) is recommended. Increasing the water rate in crops with heavy canopies will further improve the result of Soprano 500 in cereal situations.

Oats – New use pattern

Disease	Rate (per ha)	Comments**
Septoria Leaf Blotch (<i>Phaeosphaeria avenaria</i>)	65 mL	Aim to apply between stem elongation and flag leaf emergence (Z31-41) if disease is present or conditions favour development.

DO NOT APPLY AFTER Z59 as yield response is unlikely **Always consult label for full use pattern directions

Expanded use pattern(s) –

Soprano 500 consolidates a range of existing and new claims under the following:

Features and benefits

- New - Higher Active Ingredient loading
- New registration pattern for Oats - Septoria Leaf Blotch (*Phaeosphaeria avenaria*) and other Septoria use patterns
- Extended label
- Systemic activity (acropetal) within the plant
- New formulation technology
- Lower application rates and reduced drum disposal and packaging costs
- Improved and wider use pattern from Soprano (125 g/L Epoxiconazole SC)
- Provides preventative, curative and erradicant control of pathogens within plant tissue
- Does not require the addition of a surfactant.

Soprano® 500

Barley (Expanded use claims)

Disease	Rate (per ha)	Comments**
Eyespot (<i>Oculimacula yallundae</i>) Suppression only	125 mL	Apply mid tillering to flag leaf emergence (Z25 – Z35).
Leaf Rust (<i>Puccinia hordei</i>), Leaf Scald (<i>Rynchosporium secalis</i>), Net form of Net Blotch (<i>Pyrenophora teres</i> f.sp. <i>teres</i>), Spot form of Net Blotch (<i>Pyrenophora teres</i> f. sp. <i>maculata</i>)	65 to 125 mL	Apply from Joining (Z30). Use higher rate when disease is on the top leaf or conditions are favourable for infection.
Powdery Mildew (<i>Blumeria graminis</i> f. sp. <i>tritici</i>)		Apply at first sign of disease during tillering phase (Z21-22). Apply a second application if disease persists or conditions are favourable.

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Wheat (Expanded use claims)

Disease	Rate (per ha)	Comments**
Eyespot (<i>Oculimacula yallundae</i>) Suppression only	125 mL	Aim to apply mid-tillering to flag leaf emergence (Z24-39). A second application after a 28 day interval may be required.
Leaf Rust (<i>Puccinia recondita</i>), Septoria Nodorum Blotch (<i>Phaeosphaeria nodorum</i>), Septoria Tritici Blotch (<i>Mycosphaerella graminicola</i>), Stem Rust (<i>Puccinia striiformis</i>), Yellow Spot (<i>Pyrenophora tritici-repentis</i>)	65 to 125 mL	Aim to apply from stem elongation and complete ear emergence (Z31-59). Use higher rate when disease is present on top leaf or conditions are favourable for disease development.
Powdery Mildew (<i>Blumeria graminis</i> f. sp. <i>tritici</i>)		Apply at first sign of disease during tillering stage (Z21-22).

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