



# Soprano<sup>®</sup> 500

## Broad spectrum contact and systemic fungicide

### Product overview

Soprano<sup>®</sup> 500 is a broad spectrum fungicide for control of a range of disease in winter cereals containing the active constituent 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 its 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.

### Expanded use pattern(s) –

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

## 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

## 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 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	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.

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

# Soprano<sup>®</sup> 500

## Wheat (Expanded use claims)

**Soprano 500** consolidates a range of existing and new claims. The difference between the two formulations is outlined:

		Soprano <sup>®</sup> 500	Soprano <sup>®</sup> (125 g/L epoxiconazole SC)
Crop	Disease	Rate/ha	Rate/ha
Oats	Septoria Leaf blotch	65 mL	No claim
Barley	Leaf Rust	65 to 125 mL	250 to 500 mL
	Leaf Scald		250 mL
	Net form of Net Blotch		250 to 500 mL
	Spot form of Net Blotch		No claim
	Powdery Mildew		No claim
Wheat	Eyespot	125 mL	No claim
	Leaf Rust	65 to 125 mL	500 mL
	Stripe Rust		250 to 500 mL
	Septoria Nodorum Blotch		No claim
	Septoria Tritici Blotch		No claim
	Stem Rust		No claim
	Yellow Spot		No claim
	Powdery Mildew		250 mL
Banana	Yellow Sigatoka		Pending registration
	Leaf Speckle		



Scan here for more information

**Simply. Grow. Together.**



**ADAMA**

Visit [ADAMA.com](http://ADAMA.com)

Phone 1800 4 ADAMA

Follow us  

10766