

# Aviator® Xpro® Foliar Fungicide

The new benchmark for foliar disease management in cereals.



# Aviator® Xpro®

Aviator Xpro will deliver class-leading disease control of multiple diseases across wheat and barley, setting the crops up for an extended period of clean and healthy growth leading to strong yields and return on investment.



<b>PRODUCT NAME:</b>	Aviator Xpro Foliar Fungicide
<b>FUNGICIDE MODE OF ACTION GROUP:</b>	Group 7 SDHI + Group 3 DMI
<b>FORMULATION:</b>	Emulsifiable concentrate (EC)
<b>ACTIVE INGREDIENTS:</b>	75 g/L bixafen + 150 g/L prothioconazole
<b>CROPS:</b>	Wheat, barley, canola, chickpeas, field peas, faba beans and lentils
<b>BARLEY DISEASES:</b>	Net form net blotch, spot form net blotch, powdery mildew, leaf scald: 300 – 500 mL/ha Leaf rust: 400 – 500 mL/ha
<b>WHEAT DISEASES:</b>	Stripe rust, yellow leaf spot, septoria nodorum, septoria tritici, powdery mildew, eyespot: 300 – 500 mL/ha
<b>NUMBER OF APPLICATIONS PER SEASON:</b>	A maximum of two applications (at the highest label rate in each crop) are permitted

## At a glance

Aviator Xpro sets a new benchmark for long lasting foliar disease control in wheat and barley.

It brings together bixafen, the first registered foliar fungicide in cereals from the Succinate Dehydrogenase Inhibitor mode of action group (Group 7 – SDHI), with the proven performance of prothioconazole (Group 3 – 3rd generation triazole).

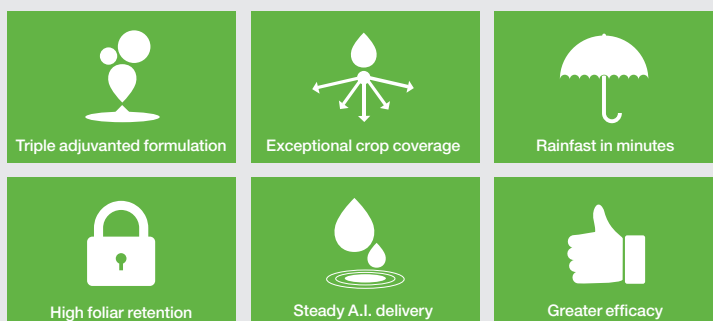
Containing Leafshield™ formulation technology, Aviator Xpro also delivers rapid rainfastness of less than 1 hour in most conditions so growers can make the most of their spray windows.

## Key features

- Combines two complimentary fungicides, bixafen (SDHI) and prothioconazole (DMI), for excellent curative activity and long lasting residual control.
- Class-leading disease control in wheat and barley.
- Also registered for aerial application, and for disease control in canola, chickpeas, field peas, faba beans and lentils.
- More than just a protectant, Aviator Xpro works across multiple stages of the disease lifecycle to give growers added flexibility on application timing.
- Formulated with Bayer's innovative Leafshield formulation technology.
- Short rainfast period of less than 1 hour in most conditions.
- Physically compatible with a range of herbicides, insecticides and liquid fertilisers.



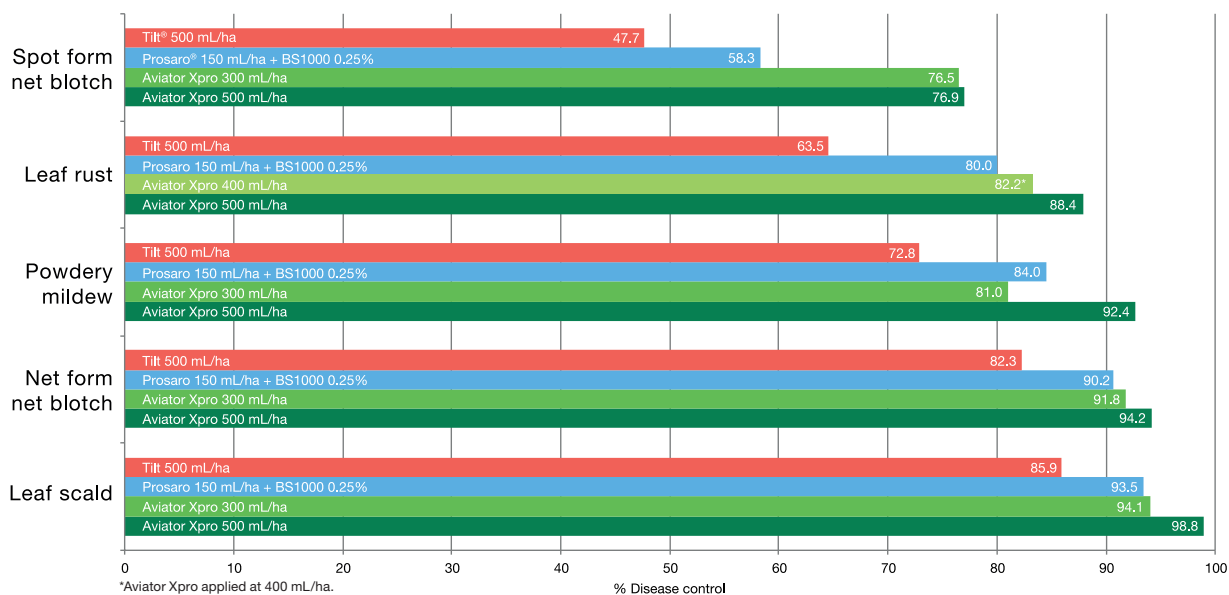
Leafshield utilises the latest advancements in formulation technology to further optimise the already impressive disease control benefits of bixafen and prothioconazole.



# Aviator Xpro

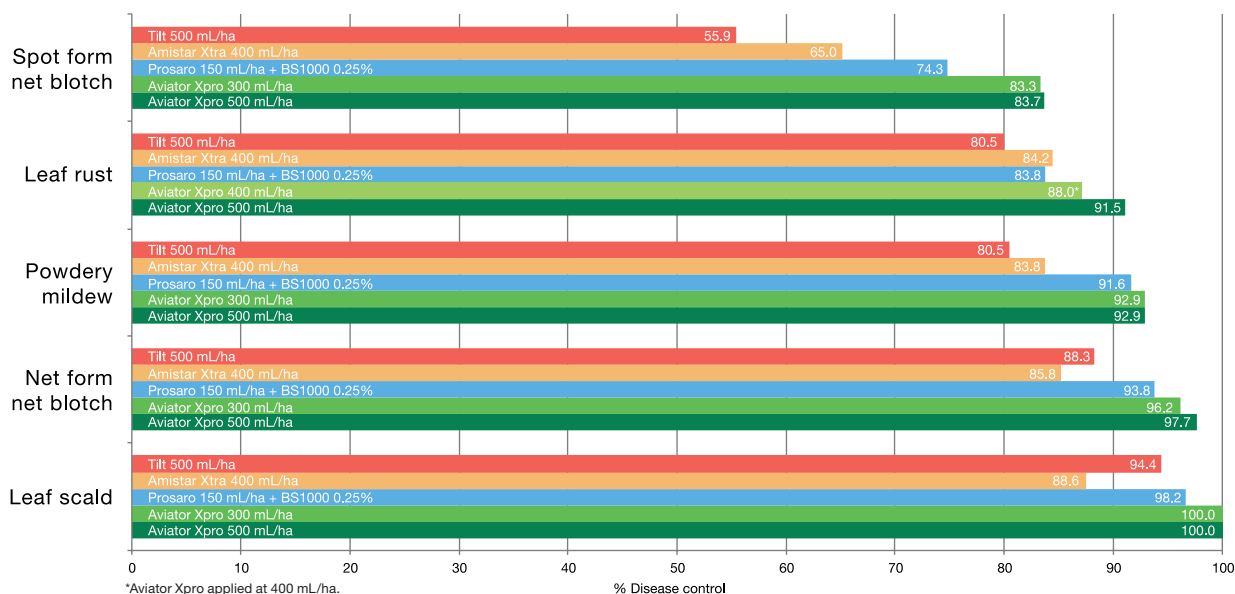
## Disease control in barley and wheat

### Barley – disease control compared to untreated



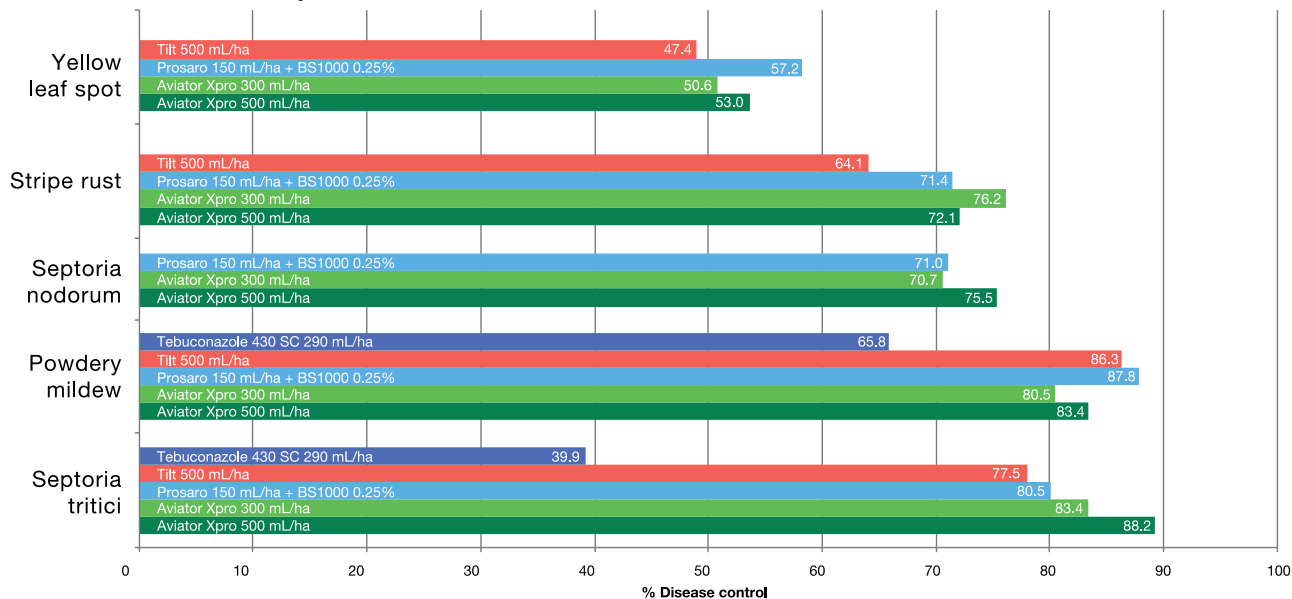
DISEASE	NO. TRIALS	UTC DISEASE LEVEL (% SEVERITY OR INCIDENCE)	TRIAL ID					
SPOT FORM NET BLOTCH	6	22.3%	13VB02	13WA27	13WA07	15WE01	15WE03	16VD23
LEAF RUST	4	26.0%	13WB03	14SA34	14SA35	15SB18		
POWDERY MILDEW	5	59.5%	13WA26	13WB01	13WB03	14VB39	15WE01	
NET FORM NET BLOTCH	6	32.5%	13WA06	13WA26	13WB02	15SB18	16SB12	16SB14
LEAF SCALD	5	25.7%	13WB02	14VB36	15SB18	16SB12	16VD23	

### Barley – disease control compared to Amistar® Xtra



DISEASE	NO. TRIALS	UTC DISEASE LEVEL (% SEVERITY OR INCIDENCE)	TRIAL ID		
SPOT FORM NET BLOTCH	3	5.4%	15WE01	15WE03	16VD23
LEAF RUST	2	1.8%	14SA34	15SB18	
POWDERY MILDEW	1	30.8%	WE01		
NET FORM NET BLOTCH	3	18.0%	15SB18	16SB12	16SB14
LEAF SCALD	2	5.4%	15SB18	16VD23	

## Wheat – disease control compared to untreated



DISEASE	NO. TRIALS	UTC DISEASE LEVEL (% SEVERITY OR INCIDENCE)	TRIAL ID					
YELLOW LEAF SPOT	6	38.7%	13NW05	13WA03	13WA24	13WA04	13SA11	15WE02
STRIPE RUST	2	36.5%	13SA07	15SB19				
SEPTORIA NODORUM	2	7.9%	13WA25	16WE01				
POWDERY MILDEW	4	9.8%	15VA21	15VB21	15WA23	15WA24		
SEPTORIA TRITICI	5	20.4	13SA11	14SA31	14SA32	14SA33	16SB13	

## How does Aviator Xpro compare to competitors?

PRODUCT^	FORM	ACTIVE INGREDIENT(S)	g a.i./L	MOA Grp	APPLICATION RATE mL/ha	ADJUVANT REQUIRED?	BARLEY					WHEAT					
							Leaf rust	Scald	Spot form net blotch	Net form net blotch	Powdery mildew	Stripe rust	Septoria tritici	Septoria nodorum	Yellow leaf spot	Powdery mildew	Eyespot
AVIATOR® XPRO®	EC	Bixafen Prothioconazole	75 150	7 3	300	No	-	***	****	****	***	**	****	***	***	***	****
					400	No	***	***	*****	*****	***	**	****	***	***	***	****
					500	No	****	****	*****	*****	****	***	*****	****	****	****	*****
PROSARO®	SC	Prothioconazole Tebuconazole	210 210	3	150	Yes	***	**	**	***	***	***	-	***	***	***	-
					300	Some diseases	****	***	***	***	****	****	-	****	***	****	-
TILT®	EC	Propiconazole	250	3	250	No	-	-	nd	**	nd	**	nd	**	nd	nd	-
					500	No	-	***	**	***	**	**	***	**	***	***	-
EPOXICONAZOLE	EC	Epoxiconazole	125	3	250	No	**	nd	-	nd	***	nd	-	nd	-	***	-
					500	No	***	-	-	**	-	nd	-	**	-	-	-
TEBUCONAZOLE	SC	Tebuconazole	430	3	145	Yes	-	nd	-	-	nd	***	-	**	**	-	-
					290	Yes	-	-	-	-	nd	****	**	**	***	-	-
AMISTAR® XTRA	SC	Azoxystrobin Cyproconazole	200 80	11 3	200	Adigor® 2%	***	-	**	**	-	-	-	-	-	-	-
					400	Optional	****	-	***	***	***	***	-	-	***	***	-

★★★★★	Best available
★★★★	Better than commercial standard
★★★	Same level as commercial standard
★★	Moderate efficacy
-	Not registered
nd	No comparative data

\*The ratings in this disease matrix are indicative only and developed from field trials (different data points are supported by data from variable number of trials). Talk to your agronomist for the best recommendation for your situation.



# Aviator Xpro

## Label Information

CROP	RATE	DISEASE SPECTRUM	COMMENTS
Canola	550 to 650 mL/ha	Blackleg ( <i>Leptosphaeria maculans</i> )	Apply at the 4 to 6 leaf crop stage See label for full instructions.
	550 to 800 mL/ha	Sclerotinia stem rot ( <i>Sclerotinia sclerotiorum</i> )	Apply at the 20 to 50% (full bloom) flowering. <b>DO NOT apply after 50% (full bloom) flowering growth stage.</b> See label for full instructions.
Chickpeas	400 to 600 mL/ha	Ascochyta blight ( <i>Phoma rabiei</i> )	<p>Aviator Xpro is most effective when applied before an infection event occurs (e.g. before rain). A maximum of two applications may be made per crop.</p> <p><b>Chickpeas</b> DO NOT apply after late flowering (BBCH 69)</p> <p><b>All other pulse crops</b> DO NOT apply after early flowering (BBCH 60/61) See label for full instructions.</p>
Faba beans	600 mL/ha	Rust ( <i>Uromyces viciae-fabae</i> )	
		Chocolate spot ( <i>Botrytis fabae</i> )	
	400 to 600 mL/ha	Ascochyta blight ( <i>Ascochyta fabae</i> f.sp. <i>fabae</i> )	
		Cercospora leaf spot ( <i>Cercospora zonata</i> )	
Lentils	400 to 600 mL/ha	Ascochyta blight ( <i>Ascochyta fabae</i> f.sp. <i>lentis</i> )	
		Botrytis grey mould ( <i>Botrytis cinerea</i> and <i>B fabae</i> )	
Field peas	600 mL/ha	Black spot complex ( <i>Mycosphaerella pinodes</i> , <i>Phoma medicaginis</i> var. <i>pinodella</i> , <i>Ascochyta pisi</i> )	
Barley	300 to 500 mL/ha	Net form net blotch ( <i>Pyrenophora teres</i> f. <i>teres</i> )	<p>A maximum of two applications may be made per crop.</p> <p><b>DO NOT apply after Z45 (boot with the sheath opening but the head not visible).</b> See label for full instructions.</p>
		Spot form net blotch ( <i>Pyrenophora teres</i> f. <i>maculata</i> )	
		Powdery mildew ( <i>Blumeria graminis</i> f.sp. <i>hordei</i> )	
		Leaf scald ( <i>Rhynchosporium secalis</i> )	
	400 to 500 mL/ha	Leaf rust ( <i>Puccinia hordei</i> )	
Wheat	300 to 500 mL/ha	Stripe rust ( <i>Puccinia striiformis</i> )	
		Yellow leaf spot ( <i>Pyrenophora tritici-repentis</i> )	
		Septoria nodorum - glume blotch ( <i>Parastagonospora nodorum</i> )	
		Septoria tritici blotch ( <i>Zymoseptoria tritici</i> )	
		Powdery mildew ( <i>Blumeria graminis</i> f.sp. <i>tritici</i> )	
		Eyespot ( <i>Oculimacula yallundae</i> )	

### Approved for aerial application:

Apply product using a minimum spray volume of 20 L/ha and a MEDIUM spray quality as defined by the ASABE S572 Standard.

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