



Managing fusarium head blight begins with recognizing the risk.

This information can help you assess the level of fusarium head blight (FHB) risk in your region and across Western Canada. Incidence can vary year to year; however, fusarium can persist on crop debris and in the soil. Therefore, the risk of disease is always present and can increase depending on environmental conditions, resulting in lower grain quality and lost revenue. 2022 is a good reminder that even in drier conditions, FHB can develop and impact grain quality.



Incidence of fusarium head blight across crop districts in 2022.



See the results with Sphaerex[®] fungicide below.



Optimal fungicide application timing for fusarium head blight management in cereals.

As an integral part of BASF's Cereal Solutions portfolio, Sphaerex fungicide delivers best-in-class FHB efficacy and management of leaf diseases. With this cereal head timing fungicide, it's the best choice for protecting cereal crop quality and yield potential.

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		FIRST SPIKELET VISIBLE			75 - 100% OF HEADS EMERGED	FIRST ANTHERS VISIBLE	20% FLOWER	30% FLOWER	40% FLOWER	50% FLOWER	END OF FLOWER	
DAYS	-4	-3	-2	-1	0	+1	+2	+3	+4	+5	+6	+7
BBCH		51			59	61	62	63	64	65	69	
						SPRAY TIN	IE FOR BEST	RESULTS				
FHB RISK MONITORING					PLAN TO SPRAY			FHB INFECTION WINDOW				
Monitor for FHB risk factors including warm, wet conditions and uneven crop uniformity. Consider history of fusarium in field. Source: <u>saskatchewan.ca/agriculture</u>					Scout to det when heads fully emerge	ermine have d.		Precipitation or high humidity is required for spore germination and infection. Temperatures favouring infection range from 16 to 30°C, with the optimum range for <i>Fusarium graminearum</i> being 25 to 28°C. Source: saskatchewan.ca/agriculture				

For barley, apply from head emergence to 3 days following full head emergence¹ from the main stem.

Additional resources:

Saskatchewan Fusarium Head Blight Risk Maps



Manitoba Fusarium Head Blight Risk Map



Alberta Fusarium Head Blight Risk Assessment Tool



¹For suppression of fusarium head blight and leaf disease control at heading. For leaf disease control prior to heading, apply before the appearance of symptoms.

Visit agsolutions.ca/cereal for more information.



Fungicide

Always read and follow label directions.

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