



Barley Fusarium Head Blight Symptoms (primarily due to *Fusarium graminearum*)

Symptoms occur on:

- Spikelet & grain tissue

Initial symptoms:

- Brown discoloration on spikelets that can be confused with hail damage or other diseases
- Premature ripening may occur

Kernel/spikelet appearance:

- Brownish discoloration
- Pinkish/orangish/salmon coloured sporulation or hyphal growth may occur
- Blackish fruiting bodies (perithecia) may be present
- Grain may be contaminated with deoxynivalenol

Occurrence:

- Historically an issue in the eastern Prairies
- Over the past 5-15 years *Fusarium graminearum* has occurred with increasing frequency and impact in central & western regions





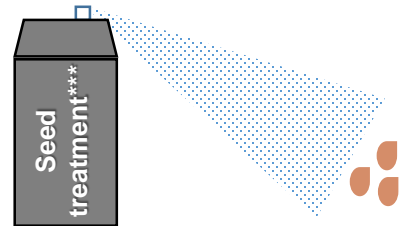
Key Barley Fusarium Head Blight (FHB) Management Strategies



*Resistance is not complete and varieties will experience damage when FHB risk is high, although impact is less versus susceptible varieties



**If *Fusarium graminearum* is a limited issue in your area then caution regarding seed is recommended. Where it is established, avoiding seed with high levels of infection and compromised germination is recommended

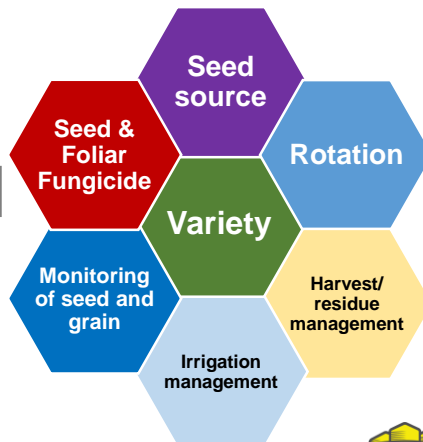
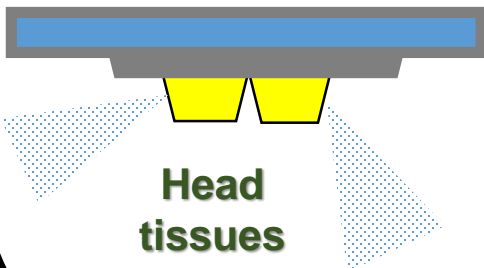


***Primarily to improve germination and stand establishment when infected seed is used

Volunteer control



Foliar fungicide (angled dual nozzle set up)



Use an integrated approach for FHB with multiple strategies



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