



# Septoria leaf & glume blotch - Wheat

#### Occurrence and management:

- Found across the Prairies
  - Prevalence varies due to moisture, rotation, and variety
    - More prevalent in areas receiving frequent rainfall
    - Limited information on varietal susceptibility/resistance
- Use an integrated approach combining host resistance, rotation, fungicide, etc.

#### Symptoms occur on:

- Mainly on leaves, but can also occur on glumes and grain (A-E)
- Early signs can be confused with tan spot and physiological leaf spotting (PLS) symptoms)

### Initial and mature symptoms:

- Water-soaked lesions that yellow & then become tan coloured, generally oval-shaped & may coalesce (A)
- With wetter conditions honey brown fruiting structures (pycnidia) will be visible in lesions (B), & may ooze spores during wet conditions (C)
- Yellowing around mature lesions (A)

## Glume blotch phase:

- Purplish-brown discolouration of glumes, while pycnidia may be present (B, D)
- Seed infections can be confused with fusarium damaged kernels during grading (E)



Fusarium damaged kernels (FDK, L) and glume blotch infected wheat kernels (R)

