

Verticillium stripe disease severity scale

Time of surveying: Close to harvest timing, 80-90% seed colour change (SCC)

Disease severity rating scale for verticillium stripe with photos* and microsclerotia and stem/plant symptom descriptions.

0			0 No microsclerotia presence. No stem/plant symptoms.
1			1 No microsclerotia presence. Stem discolouration; senescence begins.
2			2 Up to 25% microsclerotia colonized on the stem. Unilateral stripe on the main stem.
3			3 26-50% microsclerotia colonized on the stem. Stem epidermis shredding related to lodging; Unilateral stripe on the main stem.
4			4 51-75% microsclerotia colonized on the stem. Plant lodging and pod loss.
5			5 75-100% microsclerotia colonized on the stem. Complete necrosis.

*Upper branches have been clipped on the plants, focus on stem discolouration. Photo source and scale adapted from research by: Sheau-Fang Hwang & Stephen Strelkov, University of Alberta.