

a



b UK Sclerotia Sizing Scale for *Claviceps purpurea*

Scale	0	1	2	3	4	5	6	7
Example sclerotia								
Length range / mm	0	≥ 1.5	1.5 - 3	3 - 4.5	4.5 - 7	7 - 9	9 - 11	≥ 11
Width range / mm	0	≥ 1.5	1.5 - 2	≥ 2.5	≥ 2.5	≥ 3	≥ 4	> 4
Further comments	Infection but no sclerotia formed. No seed set	Sclerotia that are the size of an ovary – usually round	Sclerotia that are larger than the size of an ovary – usually oblong	Sclerotia that are smaller than a seed	Sclerotia that are approx the size of a wheat seed	Sclerotia that completely fill the seed cavity	Sclerotia visible before extracting from ear	Massive. More than half is extending from the glumes

UK Sclerotia sizing scale	1	2	3	4	5	6	7
Canadian sizing scale	1			2	3		

Supplementary file S1. Ergot phenotyping scales used in the Canadian and UK ergot resistance screens.

(a) Honeydew production scores: Each inoculated spike was scored on a scale from 1 to 4 where 1 = no honeydew, 2 = honeydew confined to glumes, 3 = honeydew exuding from the flowers in small droplets, and 4 = large droplets of honeydew and/or honeydew running down the spike. (b) Ergot sclerotia sizing scales used in the UK and Canada. 0 indicated an infection where no sclerotia formed, leaving only a dried out ovary.