Table S8. Planting date influences on Sclerotinia head rot progression in sunflower, as plants are exposed to varying climatic conditions during flowering and grain filling stages. The analysis was done using XLSTAT 2023's analysis of co-variance at significance 5%.

Type III Sum of Squares analysis (AUDPC)					
Source	df	Sum of squares	Mean squares	F	Pr > F
Hmax	1,000	0,36	0,36	0,02	0,89
Hmin	1,000	7,95	7,95	0,43	0,52
Tmin	1,000	46,31	46,31	2,51	0,12
Rainfall	1,000	0,74	0,74	0,04	0,84
Tmax	1,000	2,65	2,65	0,14	0,71
Planting date	5,000	283,55	56,71	3,07	**0,02***

Significance level 5%, * show significance of the influential variable at $p < 0.05$.