

Additional File 3

Table S1 Broad sense heritability for *D. pinodes* disease severity under controlled conditions and architectural traits variables for ChxTe, JIxDP, and JIxFP RIL populations

Criteria	Champagne x Terese	J1296 x DP	J1296 x FP
FC_2D_S1	0.81	0.87	0.72
FC_3D_S1	0.56	-	0.68
DS_LE_S1	0.90	0.85	0.79
FC_2D_S2	0.67	0.78	0.29
FC_3D_S2	0.65	0.79	0.36
DS_LE_S2	0.71	0.79	0.56
FC_2D_S3	-	0.54	0.58
FC_3D_S3	0.67	0.60	0.58
DS_LE_S3	0.81	0.53	0.57
DS_STIP_S1	0.78	0.62	0.44
DS_STEM_S1	0.68	0.61	0.31
DS_STIP_S2	0.68	0.91	0.66
DS_STEM_S2	0.62	0.90	0.53
DS_STIP_S3	0.68	0.64	0.35
DS_STEM_S3	0.62	0.60	0.37
Ht	0.97	0.97	0.84
NbNo	0.49	0.22	0.28
NbBr	0.92	0.85	0.79
StLe	0.96	0.85	0.86

Disease severity nomenclature : DS : AUDPC of disease severity assessed on whole plantlet stipules (STIP) or stems (STEM) or on detached stipules (LE) ; FC : flecks coalescence assessed on detached stipules two (2D) or three (3D) days after inoculation ; Sx : *D. pinodes* strain of high (S1), intermediate (S2) or low (S3) aggressiveness on pea ;

Architectural traits nomenclature : StLe : stipule length ; NbBr : number of branches ; NbNo : number of nodes ; Ht : plant height (see Material and Methods section for details)