

Online Resource 2

Article title: Two major quantitative trait loci control wheat dwarf virus resistance in four related winter wheat populations

Journal: Theoretical and applied genetics

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Table S1 Correlation coefficients between BLUEs for wheat dwarf symptom severity of the first and the second scoring date

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Table S1 Correlation coefficients between BLUEs for wheat dwarf symptom severity on the first and the second scoring date

Year	Population			
	MI/A40	MU/A40	P1314/A40	A39/P1314
2019	0.89	0.89	0.91	0.86
2020	0.96	0.93	0.94	0.94
2021	0.88	0.70	0.86	0.84
Across years	0.96	0.94	0.96	0.96

Table S2 Correlation coefficients of wheat dwarf symptom severity between years. For comparison, the BLUEs of the average values for both assessment dates were used.

Year comparisons	MI/A40	MU/A40	P1314/A40	A39/P1314
2019 : 2020	0.71	0.75	0.75	0.77
2019 : 2021	0.65	0.59	0.76	0.73
2020 : 2021	0.63	0.61	0.71	0.74

Table S3 Variance component estimates for wheat dwarf symptom severity across three years for populations MI/A40, MU/A40, P1314/A40 and A39/P1314

Variance component	Population			
	MI/A40	MU/A40	P1314/A40	A39/P1314
σ^2 Genotype	1.50***	1.13***	1.75***	2.29***
σ^2 Year	0.00	0.00	0.00	0.00
σ^2 Genotype*Year	0.22	0.09	0.38	0.09
σ^2 Block within Year	0.53	0.96	0.15	0.28
σ^2 Column within Block within Year	0.11	0.24	0.29	0.15
σ^2 Row within Block within Year	0.21	0.25	0.13	0.19
σ^2 Error	1.03	0.89	0.96	1.08

*** $p < 0.001$