

Supplemental Table 1: Mean prediction ability for Fusarium head blight severity and standard deviation for each environment

Environment	Prediction ability	Standard deviation
Hoh13	0.63 ^c	0.09
Oli13	0.63 ^c	0.09
Hoh14	0.69 ^a	0.07
Oli14	0.61 ^c	0.09
Tul14	0.67 ^b	0.08

Mean prediction ability values were compared with Tukey's HSD test with $\alpha=0.05$. Field trials: Hoh= Heidfeldhof (DE), Oli= Oberer Lindenhof (DE), Tul= Tulln (AT); evaluated in 2013 and 2014.