

Supplementary Materials: Responses of Oat Grains to *Fusarium poae* and *F. langsethiae* Infections and Mycotoxin Contaminations

Charlotte Martin, Torsten Schöneberg, Susanne Vogelgsang, Carla Susana Mendes Ferreira, Romina Morisoli, Mario Bertossa, Thomas D. Bucheli, Brigitte Mauch-Mani and Fabio Mascher

Table S1. Average \pm standard deviation of thousand kernel weight, β -glucan content and protein content for seven oat genotypes in three environments (Cadenazzo, Changins and Reckenholz), and presence of three treatments, FP: artificial inoculation with *F. poae*, FL: artificial inoculation with *F. langsethiae*, and absence of artificial inoculations (control). All trials were done with 3 replicates.

Genotype	Treatment	Thousand Kernel Weight (g)	β -glucan Content (%)	Protein Content (%)
<i>Cadenazzo</i>				
Canyon	Control	36.80 \pm 0.83	4.04 \pm 0.53	11.37 \pm 0.31
Expander	Control	32.57 \pm 0.63	4.61 \pm 0.37	12.67 \pm 0.29
Husky	Control	32.53 \pm 0.87	3.37 \pm 0.39	13.03 \pm 0.37
Melody	Control	43.37 \pm 1.94	3.49 \pm 0.50	12.47 \pm 0.17
Poseidon	Control	35.43 \pm 2.09	3.70 \pm 0.25	11.70 \pm 0.14
Samuel	Control	24.20 \pm 1.69	2.66 \pm 0.28	13.37 \pm 0.38
Triton	Control	31.70 \pm 0.96	3.56 \pm 0.08	11.40 \pm 0.22
Canyon	FP	37.37 \pm 0.63	3.65 \pm 0.47	12.53 \pm 0.30
Expander	FP	31.83 \pm 1.11	3.84 \pm 0.41	12.99 \pm 0.02
Husky	FP	33.43 \pm 0.09	3.22 \pm 0.12	12.87 \pm 0.08
Melody	FP	34.90 \pm 1.56	2.74 \pm 0.55	12.82 \pm 0.25
Poseidon	FP	36.63 \pm 0.66	2.88 \pm 0.39	13.10 \pm 0.25
Samuel	FP	23.70 \pm 0.45	3.97 \pm 0.30	12.95 \pm 0.04
Triton	FP	30.87 \pm 1.03	3.72 \pm 0.28	12.46 \pm 0.35
<i>Changins</i>				
Canyon	Control	34.71 \pm 0.35	3.28 \pm 0.07	11.67 \pm 0.27
Expander	Control	31.21 \pm 1.06	3.36 \pm 0.23	13.56 \pm 0.36
Husky	Control	29.33 \pm 2.60	3.08 \pm 0.16	12.02 \pm 0.43
Melody	Control	32.60 \pm 0.22	3.46 \pm 0.21	12.46 \pm 0.19
Poseidon	Control	34.53 \pm 1.52	3.85 \pm 0.59	12.25 \pm 0.71
Samuel	Control	23.00 \pm 0.79	3.03 \pm 0.79	13.01 \pm 0.34
Triton	Control	35.20 \pm 1.07	2.44 \pm 0.22	12.52 \pm 0.24
Canyon	FP	35.23 \pm 1.76	2.97 \pm 0.32	11.30 \pm 0.72
Expander	FP	36.27 \pm 0.39	4.40 \pm 0.17	11.79 \pm 0.19
Husky	FP	33.50 \pm 1.06	3.34 \pm 0.47	11.34 \pm 0.44
Melody	FP	35.67 \pm 0.41	2.85 \pm 0.22	12.53 \pm 0.41
Poseidon	FP	37.77 \pm 1.24	4.05 \pm 0.98	12.36 \pm 0.69
Samuel	FP	24.23 \pm 0.60	4.47 \pm 0.37	14.22 \pm 0.03
Triton	FP	36.77 \pm 1.21	3.97 \pm 0.17	14.34 \pm 0.04
<i>Reckenholz</i>				
Canyon	Control	40.00 \pm 0.41	3.79 \pm 0.28	12.40 \pm 0.24
Expander	Control	30.13 \pm 2.20	4.27 \pm 0.55	12.11 \pm 0.24
Husky	Control	33.00 \pm 1.85	3.37 \pm 0.38	12.26 \pm 0.17
Melody	Control	35.70 \pm 2.62	3.94 \pm 0.07	12.18 \pm 0.09
Poseidon	Control	36.10 \pm 2.12	3.72 \pm 0.26	12.19 \pm 0.34
Samuel	Control	22.63 \pm 1.16	2.66 \pm 0.28	12.18 \pm 0.22
Triton	Control	35.90 \pm 1.34	3.57 \pm 0.30	12.15 \pm 0.65

Canyon	FP	35.50 ± 0.78	3.52 ± 0.43	11.81 ± 0.29
Expander	FP	29.77 ± 1.60	4.16 ± 0.49	11.77 ± 0.16
Husky	FP	32.00 ± 0.99	3.65 ± 0.07	11.93 ± 0.29
Melody	FP	35.20 ± 0.00	3.45 ± 0.19	11.50 ± 0.40
Poseidon	FP	35.80 ± 0.00	2.83 ± 0.00	12.24 ± 0.00
Samuel	FP	22.00 ± 0.08	3.89 ± 0.23	12.04 ± 0.03
Triton	FP	35.37 ± 1.55	4.03 ± 0.54	12.10 ± 0.37
Canyon	FL	40.25 ± 0.20	2.87 ± 0.00	12.37 ± 0.09
Expander	FL	31.53 ± 0.74	3.61 ± 0.39	12.14 ± 0.43
Husky	FL	33.83 ± 1.47	3.68 ± 0.19	12.11 ± 0.05
Melody	FL	36.40 ± 2.30	3.58 ± 0.39	12.24 ± 0.05
Poseidon	FL	36.67 ± 1.70	2.76 ± 0.00	12.23 ± 0.07
Samuel	FL	22.50 ± 1.02	4.10 ± 0.36	12.32 ± 0.10
Triton	FL	35.37 ± 1.14	3.77 ± 0.39	11.84 ± 0.07
