Online supplement

Table 1. Nested design one-way ANOVA and RSD% (relative standard deviation) values of the sieved size fractions of rye and barley cultivars. The sample number of each level is presented in the header (where n_1: number of replicate cells; n_2: number of parallel extractions in all cells (3×3); and n_3: number of all samples from one cultivar. The S1, S2, and S3 size fractions were <150 μm, 150–250 μm, and >250 μm, respectively).

Cultivar	Fraction	RSD% ELISA cells (n_1=3)	RSD% extractions (n_2=9)	RSD% all fractions (n_3=27)	Nested design ANOVA *P* (fractions)	Nested design ANOVA *P* (extractions nested in fractions)
			Rye			
Reformer	S1	1.43 16.98 6.54	20.87	13.70	0.5394	0.0151
	S2	11.32 8.36 3.08	7.46			
	S3	5.79 5.28 10.66	8.13			
Hazlet	S1	9.45 17.86 2.01	17.47	13.29	0.7338	0.0002
	S2	5.86 10.24 3.28	14.39			
	S3	6.15 1.04 1.87	5.96			
Dankowskie-Diament	S1	6.88 7.39 18.77	12.55	22.15	0.0494	0.0186
	S2	11.41 10.38 17.87	14.79			
	S3	14.09 10.33 6.59	18.21			
			Barley			
H38	S1	n.d. 9.32 3.44	23.91	15.41	0.9855	0.0022
	S2	15.89 9.07 8.26	12.53			
	S3	12.26 15.17 8.09	13.12			
Copeland	S1	n.d. 4.21 8.59	15.85	10.45	0.8222	0.00003
	S2	3.76 4.85	9.83			

		8.55				
	S3	1.31	6.75			
		2.94				
		1.90				
Daishi-Mochi	S1	n.d.	7.30	13.12	0.5768	0.0971
		7.52				
		6.03				
	S2	12.63	15.27			
		5.36				
		5.37				
	S3	8.37	14.00			
		24.49				
		4.02				