



Table S1: Analysis of variance for heavy metal content measured in roots of wheat in different phenophases and localities

Source of Variation	Df	Zn	Pb	Cr	Cu	Cd
Sum of Squares (%)						
Locality (L)	2	20.10**	9.13**	11.38**	16.51**	0.70 <sup>ns</sup>
Genotype (G)	3	12.93**	22.58**	8.41**	29.18**	16.19**
Phenophase (P)	1	8.04**	9.52**	15.84**	1.55 <sup>ns</sup>	57.66**
L × G	6	16.67**	18.12**	16.24**	24.62**	2.71**
P × G	3	7.58**	27.58**	21.71**	3.42**	17.05**
L × P	2	18.81**	7.34**	0.03 <sup>ns</sup>	1.62 <sup>ns</sup>	1.36 <sup>ns</sup>
L × G × P	6	15.79**	5.60**	26.21**	22.88**	2.22*
Error	48	0.08	0.12	0.18	0.20	2.12
Total	71	100.00	100.00	100.00	100.00	100.00

Note: The share of the sum of squares (%) of the analyzed factors and their interactions is expressed in relation to the sum of squares of the total (100%); \*\*  $p < 0.01$ , \*  $p < 0.05$ , ns— not significant.

Table S2: Analysis of variance for heavy metal content measured in stems of wheat in different phenophases and localities

Source of Variation	Df	Zn	Pb	Cr	Cu	Cd
Sum of Squares (%)						
Locality (L)	2	13.66**	10.84**	4.43**	11.60**	12.87**
Genotype (G)	3	26.99**	7.16**	47.71**	26.20**	1.66 <sup>ns</sup>
Phenophase (P)	1	8.14**	5.33**	7.75**	10.16**	44.43**
L × G	6	12.63**	30.10**	8.86**	18.30**	15.68**
P × G	3	19.16**	16.22**	18.90**	13.60**	3.83**
L × P	2	7.73**	17.28**	2.52**	6.60**	10.13**
L × G × P	6	11.67**	13.01**	9.75**	13.47**	10.40**
Error	48	0.03	0.07	0.07	0.06	0.99
Total	71	100.00	100.00	100.00	100.00	100.00

Note: The share of the sum of squares (%) of the analyzed factors and their interactions is expressed in relation to the sum of squares of the total (100%); \*\*  $p < 0.01$ , \*  $p < 0.05$ , ns— not significant.