Table S1. Total content of elements in soil fertilized with sewage sludge (SL) with different rates of biochar (BC) (mean, ±SD, n=3)

(mg g^{-1} DW)	Type of fertilization				
	C	SL	SL+2.5%BC	SL+5%BC	SL+10%BC
Zn	19.4±0.3	20.1±0.3	19.0±0.2	17.8±0.2	21.4±0.2
Cu	2.4±49.4	2.8±0.6	2.2±36.7	2.4±33.7	2.7±13.3
Sr	11.2±0.5	12.2±1.7	11.5 ±0.9	10.1 ±1.5	12.3 ±0.6
Mn	216.9±5.7	221.9±5.8	202.4±5.8	178.4±4.9	196.5±3.9
Cd	0.83±0.5	0.65±0.4	0.62 ±0.5	0.63 ±0.4	0.65 ±0.9
Ba	35.2±2.6	36.5±2.4	31.2±0.2	26.8±0.8	33.8±0.7
Ni	4.14±0.2	4.11±0.3	3.80 ±0.1	3.62 ±0.4	4.22 ±0.2
Pb	13.8±1.8	12.2±1.4	11.2±1.4	10.7±0.5	11.9±0.6
Al	904.6±0.2	804.6±0.2	878.9 ±0.3	860.5 ±0.1	882.6 ±0.1
Cr	13.5±25.7	17.0±0.9	12.8±38.5	11.6±35.3	15.4±15.7
Fe	3947.4±3.0	3808.9±2.5	3597.4 ±1.7	3394.5 ±1.6	3836.5 ±1.4
Co	2.34±0.4	2.27±0.3	2.16±0.5	2.01±1.2	2.27±0.5

C = podzolic soil without amendments (control); SL - 11 t dry weight (DW) of sewage sludge (SL) ha^{-1}; SL+2.5%BC - 11 t DW of SL ha^{-1} + 2.5% BC; SL+5%BC - 11 t DW of SL ha^{-1} + 5% BC; SL+10%BC - 11 t DW of SL ha^{-1} + 10% BC

Table S2. Total content of elements in grain of spring wheat fertilized with sewage sludge (SL) with different rates of biochar (BC) (mean, ±SD, n=3)

(mg/g DW)	Type of fertilization				
	C	SL	SL+2.5%BC	SL+5%BC	SL+10%BC
Zn	31.5±0.2	35.5±0.2	41.3±0.4	39.2±0.5	41.2±0.4
Cu	3.8±5.5	3.9±5.1	4.4±0.6	4.7±7.9	4.4±7.0
Sr	2.4±2.1	2.5±1.5	3.3±0.6	2.3±2.4	2.7±1.9
Mn	44.1±2.1	43.7±1.6	45.1± 1.0	44.0±2.6	44.1±2.1
Cd	0.16±0.8	0.14±0.2	0.13±1.7	0.08±2.7	0.07±0.8
Ba	3.0±5.1	3.7±4.4	4.0±0.5	3.0±2.3	3.1±2.0
Ni	0.55±1.2	0.48±1.3	0.45±1.5	0.22±1.7	0.17±2.4
Pb	1.3±0.6	0.8±2.5	0.7±1.1	0.2±7.6	1.1±4.7
Al	47.9±0.4	31.7±0.4	25.0±0.2	17.7±0.4	21.1±0.5
Cr	0.33±2.7	0.31±4.5	0.30±2.5	0.39±6.2	0.79±7.8
Fe	65.3±3.4	55.2±1.0	57.7±0.4	56.8±2.0	73.4±1.1
Co	0.03±11.1	0.03±22.5	0.01±61.4	N/A	0.09±4.6

C = podzolic soil without amendments (control); SL - 11 t dry weight (DW) of sewage sludge (SL)ha^{-1}; SL+2.5%BC - 11 t DW of SL ha^{-1} + 2.5% BC; SL+5%BC - 11 t DW of SL ha^{-1} + 5% BC; SL+10%BC - 11 t DW of SL ha^{-1} + 10% BC