

Additional file 1. Content of nutrient elements in 13 samples of winter wheat straw

The origins of the samples are described in Table 1 in the paper. Unit: Microgram per g total solids.

	WS1	WS2	WS3	WS4	WS5	WS6	WS7	WS8	WS9	WS10	WS11	WS12	WS13
Total C	435.4	453.9	466.7	442.3	454.2	429.7	419.1	432.6	410.1	398.7	415.7	404.7	426.8
Total N	6.29	3.78	6.07	4.32	4.52	9.06	2.88	3.25	2.7	4.29	2.62	3.26	5.68
B													
Ca	8.31	7.83	6.87	6.06	5.76	5.62	5.16	5.71	5.25	5.90	4.46	9.77	8.26
Cu	2892.2	2276.1	3062.9	2335.2	2189.8	1659.7	1615.6	1299.8	2035.1	2062.6	1571.9	3383.3	2016.5
Cl	3.11	2.93	4.02	2.55	2.57	2.25	1.51	1.95	2.13	2.50	1.69	2.46	2.47
Fe	749.8	250.0	60.1	761.9	456.7	353.7	503.2	1030.4	564.2	421.8	81.6	390.1	451.7
K	28.3	63.1	31.4	82.9	29.2	14.7	13.3	12.3	13.2	22.2	19.8	56.7	16.3
Mg	10660.7	7760.1	5088.7	12256.3	5843.5	6692.9	6839.8	9206.4	7882.5	11629.1	6874.9	6783.7	8052.7
Mn	845.6	737.7	563.7	669.3	651.6	462.9	784.2	620.2	688.8	937.2	500.7	957.9	661.0
Na	25.37	10.36	7.36	6.11	22.14	10.00	19.90	18.69	9.99	45.62	13.34	4.05	7.64
P	126.89	49.78	103.22	96.11	81.90	102.71	50.74	126.39	41.70	43.81	21.59	123.87	71.09
S	489.7	462.4	334.1	300.6	267.5	565.1	374.4	323.1	530.8	309.4	356.2	598.8	442.7
Si	1493.8	787.4	701.7	912.6	697.3	580.5	571.3	623.5	808.7	1381.4	645.3	897.4	718.7
Cr	722.4	708.7	548.7	659.9	694.5	547.1	668.6	397.9	777.3	608.3	726.0	670.5	422.2
Co	6.4580*	0.5022	0.7982	0.6146	0.6809	0.5962	0.3553	0.3539	0.4102	0.4962	0.4335	0.6840	0.6471
Ni	0.0771	0.0161	0.0353	0.0138	0.0262	0.0070	0.0068	0.0133	0.0080	0.0136	0.0117	0.0226	0.0102
Zn	3.9029*	0.3213	0.7762	0.7724	0.9560	0.3109	0.3299	0.4075	0.7690	0.7098	0.5091	0.5261	0.3354
Se	8.1715	3.2293	6.3022	2.9190	3.9534	3.5568	1.9817	2.6438	2.5330	0.8704	3.4260	0.2849	3.1426
Mo	0.0711	BDL	BDL	0.0586	BDL	0.0434	BDL	BDL	BDL	BDL	BDL	BDL	BDL
W	0.3830	0.7146	0.2469	0.7896	0.1127	1.0803	0.4950	0.3918	1.2091	0.6903	0.5662	0.8837	0.7822
W	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL

* = outliers.