

Table S2. Basic composition of the soil.

Soil depth	pH	Organic matter (%)	N (g/kg)	P (g/kg)	K (g/kg)	Ca (g/kg)	Na (g/kg)	Mg (g/kg)	Fe (g/kg)	Zn (g/kg)
0-20 cm	6.82	1.50	1.09	0.54	1.51	3.28	1.18	0.30	17.38	0.04
20-40 cm	6.83	1.23	1.09	0.56	1.41	3.16	1.18	0.32	17.13	0.04
40-60 cm	6.98	1.98	1.29	0.75	1.39	4.24	1.28	0.34	16.71	0.04