



Sample name	Soil moisture [%]	pH H <sub>2</sub> O	pH KCl	Conductivity [ $\mu\text{S cm}^{-1}$ ]	Soil organic matter [%]	Total N [ $\text{g kg}^{-1}$ soil]
Kalina PT 1	10	6.7	7.55	594	4.938	0.71
Kalina PT 2	7	7.23	7.74	720	10.773	0.65
Kalina PT 3	2	7.56	7.7	689	7.022	0.68
Kalina PT 4	8	7.28	7.76	916	5.068	0.7
Kalina PT 5	8	7.26	7.68	1492	1.766	0.7
Kalina PT 6	8	6.36	7.31	985	1.195	0.69
Kalina PT 7	6	6.98	7.75	1290	6.952	0.65
Kalina PT 8	11	6.73	7.72	1470	5.308	0.64
Kalina PT 9	5	7.01	6.61	361	4.694	0.68
Kalina PT 10	6	6.93	6.12	445	5.300	0.71
Kalina PT 11	7	7.15	7.5	387	4.219	0.63
Kalina PT 12	6	7.36	6.61	764	4.376	0.69
Kalina PA 1	3	7.12	7.22	1238	5.508	0.63
Kalina PA 2	7	7.02	7.78	225	4.987	0.62
Kalina PA 3	9	7.18	7.96	230	5.251	0.63
Kalina PA 4	8	7.66	7.83	819	3.146	0.7
Kalina PA 5	6	7.77	7.93	266	5.344	0.71
Kalina PA 6	8	6.98	6.54	831	3.365	0.65
Kalina PA 7	7	7.12	6.95	522	5.316	0.68
Kalina PA 8	5	7.3	6.59	267	3.728	0.68
Kalina PA 9	9	6.64	6.34	876	3.817	0.69
Kalina PA 10	7	7.22	7.58	921	2.907	0.71
Kalina PA 11	6	7.33	7.38	948	6.914	0.66
Kalina PA 12	6	7.21	7.26	1110	4.558	0.68
Control PT 1	4	6.64	6.53	95.9	5.416	0.6
Control PT 2	3	6.43	7.36	85.5	3.934	0.61
Control PT 3	2	6.6	6.84	154	3.231	0.65
Control PT 4	2	6.83	6.59	60.2	3.954	0.59
Control PT 5	5	6.16	6.7	166.5	4.742	0.59
Control PT 6	6	6.73	6.33	72.6	5.530	0.66
Control PT 7	4	5.93	6.98	85.6	5.077	0.61
Control PT 8	2	6.81	6.4	182	3.019	0.59
Control PT 9	3	6.84	6.7	351	4.008	0.59
Control PT 10	2	6.07	6.71	322	3.034	0.63
Control PT 11	5	6.07	6.59	60.4	5.235	0.69
Control PT 12	4	5.87	6.1	50	4.282	0.63
Control PA 1	3	6.78	6.87	35	10.779	0.65
Control PA 2	7	6.71	6.85	30	3.661	0.61
Control PA 3	6	7	6.43	48	5.576	0.64
Control PA 4	3	7.01	6.56	56.3	4.576	0.62
Control PA 5	3	6.93	6.57	59.9	2.302	0.61
Control PA 6	3	6.9	6.52	54.7	3.849	0.59
Control PA 7	8	7.06	6.6	53.6	1.525	0.6
Control PA 8	3	6.94	6.31	135.1	2.330	0.62
Control PA 9	11	6.78	6.88	52.1	2.266	0.59
Control PA 10	13	6.6	6.09	51.4	2.547	0.61
Control PA 11	12	6.93	6.71	102.1	2.191	0.6
Control PA 12	5	6.8	6.7	98.5	2.020	0.64