

Supplementary Data: Table S1

Table S1 Soil characteristic (pH, organic carbon content, CaCO₃, nitrogen, and soil texture) for Soil 1-29

Soil	pH		Organic Carbon ^c	CaCO ₃ ^d	Nitrogen ^e	Soil Texture ^f		
	H ₂ O ^a	CaCl ₂ ^b				Sand	Clay	Silt
			%	%	%	%	%	%
1	8.4	7.4	3.9	5.9	0.09	86.4	7.2	6.4
2	7.6	-	3.0	-	0.12	90.5	7.0	2.5
3	7.9	-	2.4	-	0.07	88.5	7.0	4.5
4	8.5	-	4.5	-	0.09	85.9	9.0	5.0
5	7.3	-	3.8	-	0.12	82.0	12.6	5.4
6	8.7	-	1.3	-	0.04	66.5	14.9	8.5
7	8.5	7.6	2.7	4.1	2.02	69.3	13.8	17.0
8	8.2	7.5	2.0	4.7	1.00	81.8	7.6	10.6
9	8.1	7.3	2.2	10.7	0.91	65.6	8.6	25.8
10	8.1	7.5	0.2	0.4	6.63	93.2	4.0	2.8
11	8.4	7.6	1.7	5.1	3.30	84.6	5.2	10.2
12	8.8	7.7	2.1	6.2	0.82	78.5	10.6	11.0
13	9.2	8.4	3.7	8.2	0.11	82.2	6.6	11.2
14	8.2	7.8	3.4	9.8	0.12	68.3	15.0	16.7
15	8.2	7.8	3.6	9.8	0.11	70.0	18.3	11.6
16	8.2	7.8	3.3	10.4	0.12	67.0	16.7	16.7
17	8.6	7.7	1.2	1.6	0.10	67.0	16.7	16.3
18	9.1	8.0	1.8	2.8	0.08	76.7	15.0	8.3
19	8.7	8.0	2.2	15.5	0.02	80.1	18.3	1.7
20	8.3	7.6	10.4	2.0	0.42	65.8	17.0	17.2
21	8.2	7.7	12.8	3.3	0.07	93.0	2.0	5.0
22	8.6	7.5	1.9	10.6	0.04	63.4	20.8	15.8
23	8.4	7.7	7.8	2.4	0.34	64.8	16.8	18.4
24	8.5	7.6	12.8	2.2	0.24	91.6	4.2	4.2
25	9.1	7.8	9.9	7.0	0.11	68.8	14.4	16.8
26	8.6	7.9	4.8	10.2	0.10	68.4	18.3	13.3
27	9.1	7.6	6.4	2.2	0.34	80.8	4.4	14.8
28	8.8	8.1	2.8	3.6	0.05	77.0	12.4	10.6
29	7.6	6.9	3.7	2.9	0.17	66.8	18.6	14.6

^a Determined in water

^b Determined in 0.01 M CaCl₂

^c Determined by dry combustion

^d Determined by volumetric calcimeter method

^e Kjeldahl method

^f Hydrometer method based on sedimentation of the soil fractions clay (< 20 μm), silt (2-20 μm), and sand (20-2000 μm)