

Supplementary tables Captions

Table S1 Main physical properties of soil at 0-100 cm depth.

Table S1. Main physical properties of soil at 0-100 cm depth.

Soil depth (cm)	Particle composition (%)			Soil bulk density (g cm ⁻³)	θ_{WP} (cm ³ cm ⁻³)	θ_{vFC} (cm ³ cm ⁻³)	θ_s (cm ³ cm ⁻³)	K_s (cm d ⁻¹)	Initial soil electrical conductivity (ds m ⁻¹)
	0.050 - 2.000 (mm)	0.002 - 0.050 (mm)	<0.002 (mm)						
0-40	38.93	58.75	2.33	1.47	0.102	0.299	0.495	46.26	3.45
40-60	50.20	47.40	2.40	1.48	0.109	0.303	0.501	43.35	3.61
60-100	33.00	65.50	1.50	1.40	0.108	0.203	0.474	66.71	1.77

Note : Soil particle composition is divided according to the USDA soil texture triangle; θ_{WP} : wilting water content, θ_{vFC} : volumetric field capacity, θ_s : volumetric saturated water content, K_s : saturated water conductivity.