

Table 1 Suppl. Essential parameters of the soil analyses.

Measured parameter	Value	Method
Salt [%; m/m]	0.05	Conductometer
CaCo ₃ [%; m/m]	8	Calcimeter
Humus [%; m/m]	2.75	Spectronic Genesys 5
(NO ₂ +NO ₃)-N [mg kg ⁻¹]	51.5	FIAsstar, TECATOR
P ₂ O ₅ [mg kg ⁻¹]	479	ICP OES Thermo Elemental iCAP 7400 Duo View
K ₂ O [mg kg ⁻¹]	471	ICP OES Thermo Elemental iCAP 7400 Duo View
Na [mg kg ⁻¹]	68.4	ICP OES Thermo Elemental iCAP 7400 Duo View
Mg [mg kg ⁻¹]	166	ICP OES Thermo Elemental iCAP 7400 Duo View
Cu [mg kg ⁻¹]	2.02	ICP OES Thermo Elemental iCAP 7400 Duo View
Zn [mg kg ⁻¹]	4.17	ICP OES Thermo Elemental iCAP 7400 Duo View
Mn [mg kg ⁻¹]	21.6	ICP OES Thermo Elemental iCAP 7400 Duo View
SO ₄ -S [mg kg ⁻¹]	11	ICP OES Thermo Elemental iCAP 7400 Duo View