Suppl. Table 1. Particle size distribution, chemical and hydrologic properties of the soil used in the trials.

Parameter	Value
Particle size distribution (mm):	
Total sand $(2 > \varnothing > 0.02)$ (g kg^{-1})	580
Silt (%) $(0.02 > \varnothing > 0.002)$ (g kg^{-1})	215
Clay (%) $(\varnothing < 0.002)$ (g kg^{-1})	205
Chemical properties:	
Total nitrogen (Kjeldahl method) (g kg^{-1})	1.1
Available phosphorus (Olsen method) (mg kg^{-1})	23.5
Exchangeable potassium ($BaCl_2$ method) (mg kg^{-1})	262
Organic matter (Walkley Black method) (g kg^{-1})	18
Total limestone (g kg^{-1})	24
Active limestone (g kg^{-1})	1.4
pH	7.4
ECe (dS m^{-1})	0.4
ESP	0.8
CEC ($BaCl_2$ method) (meq kg^{-1} of soil dry weight)	209
Hydrologic properties:	
Field capacity (g kg^{-1} of soil dry w)	246
Wilting point (-1.5 MPa) (g kg^{-1} of soil dry w.)	125
Bulk density (t m^{-3})	1.5

ECe = saturation extract electrical conductivity; ESP = exchangeable sodium percentage; CEC = cation exchange capacity.