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Biochar reduces early-stage mineralization rates of plant residues more in coarse-textured soils than in fine-textured soils – an artificial-soil approach

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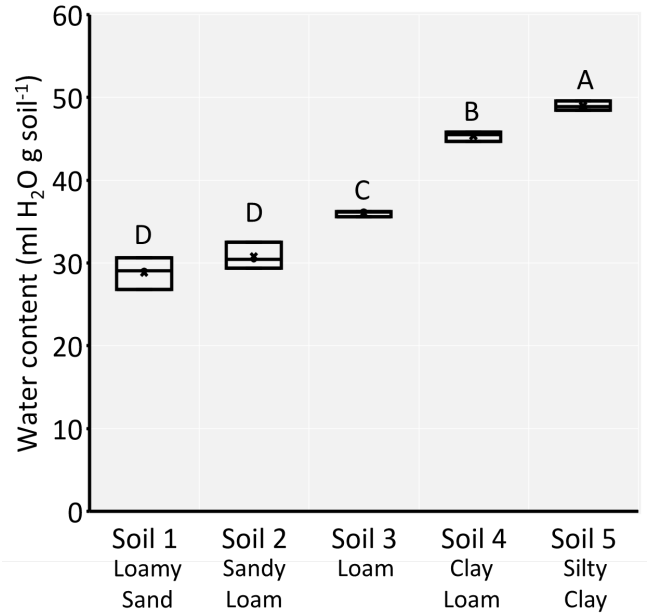

Figure S1: Maximum water hold capacity of artificial soils. Different uppercase letters represent significant differences among the soils by the LSD test at $p<0.05$. Boxplots represent the third quartile, the median, and the first quartile range of the data

Table S1: Biochar general characterization.

Property	Value
Specific Surface Area (m^2 g^{-1})[a]	402.95
Ash content (%) [b]	1.1
C content (%) [c]	95.6
N content (%) [c]	3.9
H (%) [c]	0.9
Total Inorganic C (%) [d]	<0.1
H/C ratio (molar)	0.11
O/C ratio (molar)	0.02
pH in $CaCl_2$ [e]	7.7
Electrical Conductivity (µS cm^{-1})	87

a: DIN ISO 9277, b: DIN 51719: 1997-07, c: DIN 51732: 2014, d: DIN 51726: 2004-06, e: DIN ISO 10390:2005-12, f: BGK III. C2: 2006-09