

1 **Supplementary Table 1.** Some selected characteristics of soil used in both incubation experiment and
2 pot trial.

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Characteristics	Unit	Value
Extractable phosphorus	mgkg ⁻¹	3.42
Total nitrogen	%	0.07
Calcium carbonate content	%	3.44
Organic matter	%	0.50
EC	dSm ⁻¹	0.53
pH	-	8.20
Saturation percentage	%	35.50
Sand	%	35.8
Silt	%	38.5
Clay	%	25.7
Textural class	-	Sandy clay loam (USDA classification)

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Supplementary Table 2. Some selected characteristics of biochar used for the purpose of enrichment.

Characteristics	Unit	Value
EC	dSm ⁻¹	1.96
pH	-	7.95
N	g kg ⁻¹	11.6
P	g kg ⁻¹	3.01
K	g kg ⁻¹	31.03
Ca	g kg ⁻¹	7.30
Mg	g kg ⁻¹	5.06