

Supplementary Information

This supporting information contains:

number of pages: 6

number of tables: 3

number of figures: 3

Table S1. Elemental content of biochar

Biochar	Elemental content (mg/g)					
	Mg	K	Fe	Mn	Zn	Mo
RB	0.623±0.031	1.783±0.824	1.901±0.062	0.017±0.010	0.002±0.001	0.009±0.003
SB	0.241±0.03	1.421±1.035	0.152±0.005	0.015±0.013	0.002±0.001	0.002±0.001

Table S2. Stabilization efficiencies of total active aluminum at different dose of RH and RB in red acid soil.

Material	RH			RB		
Dosage	1%	2%	3%	1%	2%	3%
Stabilization efficiency (%)	11.1	14.5	16.1	17.3	18.8	22.1
SD (%)	0.2	0.6	0.5	0.2	0.5	1.1

Table S3. Stabilization efficiencies of total active aluminum at different dose of SD and SB in red acid soil.

Material	SD			SB		
Dosage	1%	2%	3%	1%	2%	3%
Stabilization efficiency (%)	9.4	10.8	12.1	15.2	16.6	17.8
SD (%)	0.6	0.2	0.8	0.5	0.7	0.5

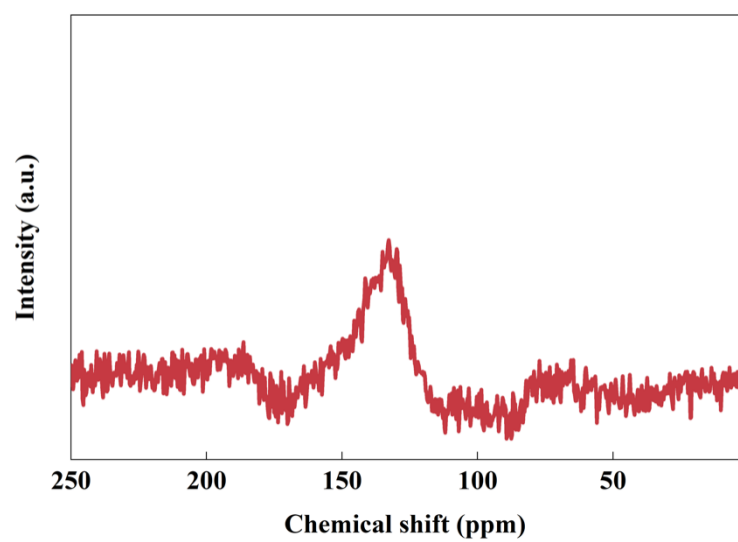


Fig. S1. NMR ^{13}C patterns of rice husk biochar (RB)

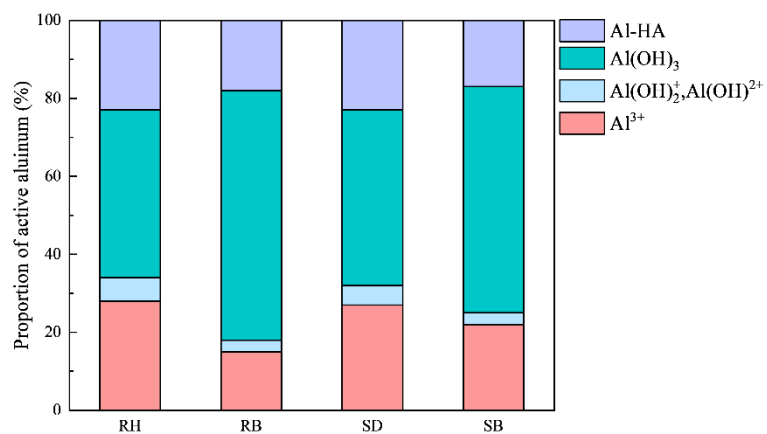


Fig. S2. The percentage of active aluminum in the red acid soil amended with Rice husk (RH), Sawdust (SD), Rice husk biochar (RB) and Sawdust biochar (SB).

