

Supplementary material

Biochar Amends Saline Soil and Enhances Maize Growth: Three-Year Field Experiment Findings

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Table S1. Mean precipitation and air temperature in Hetao Irrigation area from 2014 to 2016.

Treatments	Precipitation (mm)			Air temperature (°C)		
	2014	2015	2016	2014	2015	2016
Spring	49.53	41.4	42.16	10.5	9.21	9.84
Summer	315.47	65.79	519.18	19.92	20.47	20.28
Autumn	146.56	154.94	126.49	8.44	7.88	8.29
Winter	4.06	28.7	36.32	-6.18	-4.94	-7.11

Table S2. Changes of exchangeable sodium in sulfate saline soils amended with biochar at various rates from 2014 to 2016 (cmol kg⁻¹).

Treatments	2014	2015	2016
B0	1.83 ab	2.21 a	3.12 a
B30	2.39 a	2.31 a	2.87 ab
B75	1.21 b	1.63 b	2.37 ab
B175	1.18 b	1.61 b	2.16 b

Different letters in the same column indicate the significant difference between different treatments ($p < 0.05$).