

Supplementary Materials:

Additive effects due to biochar and endophyte application enable soybean to enhance nutrient uptake and modulate nutritional parameters

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Table S1 Details of GC-MS conditions for the analysis of fatty acids

Parameter	GC-MS conditions
Equipment	Agilent Model 7890A series, 5975C Mass Selective Detector
Column	DB-5MS capillary column (30 m×0.25 mm i.d.×0.25 µm)
Carrier gas	He (0.6 ml/min) with split mode (1:50)
Ion Source temperature	180 °C
Oven conditions	50 °C→10 °C/min →200 °C (5 min)
Injector temperature	120°C
Detector temperature	200 °C
Ionizing voltage	70 eV
Scan rate	1.6 scan/s
Mass range	30–450