

Supplementary Materials

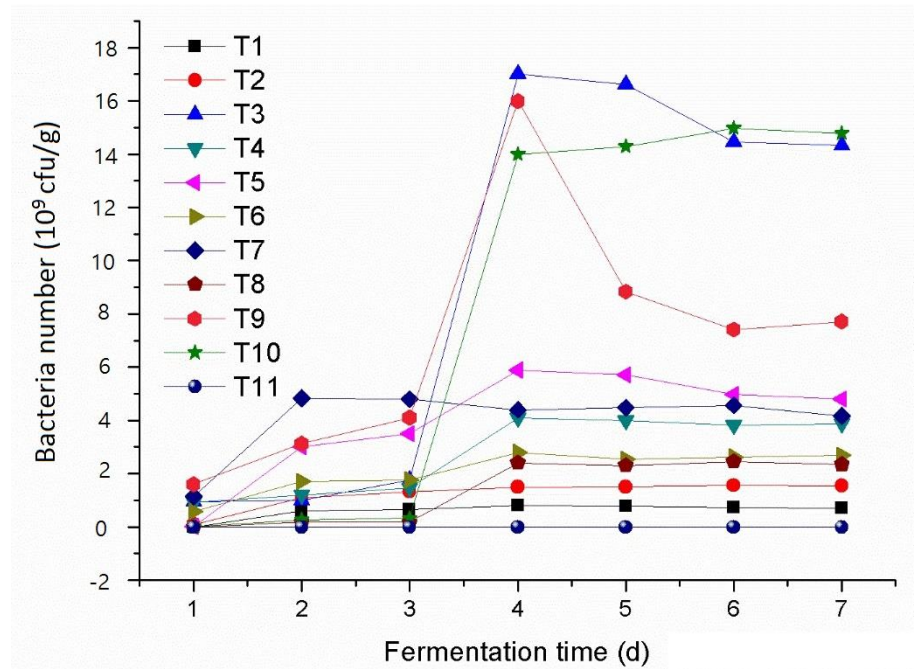


Figure S1. The changes in bacteria number with different fermentation formulas.

Table S1. ADONIS analysis using Bray–Curtis distance between PBB treatment and the control.

Community	Df	Sums of Sqs	Mean Sqs	F. Model	R ²	Pr (>F)
Fungi	1(6)	0.6440(0.4011)	0.6440(0.0667)	9.633	0.6162(0.3838)	0.03
Bacteria	1(6)	0.3777(0.2032)	0.3777(0.0334)	11.153	0.6502(0.3498)	0.031

Table S2. Partial Mantel test for whole OTUs of soil microbe versus environmental factors.

Soil Factor	Fungal Community		Bacterial Community	
	R ²	P	R ²	P
EC	0.9937	0.0110	0.9811	0.0175
pH	0.1167	0.8740	0.1699	0.6227
OC	0.9719	0.0285	0.9675	0.0195
AN	0.9872	0.0225	0.9837	0.0070
AK	0.9939	0.0080	0.9833	0.0055