

Table 1 Bacterial community α -diversity under different residue return levels (Adopted from Wang et al., 2022b)

	Community Richness		Community Diversity		Sequencing Depth Index
	Chao1	Ace	Shannon	Simpson	Good's Coverage
A	6528.89±104.37 a	4289.27±46.46 a	9.46±0.02 a	0.9942±0.0009 a	96.28%
B	4770.01±38.06 c	3470.84±26.66 c	9.28±0.02 a	0.9939±0.0005 a	97.14%
CK0	5669.44±217.12 b	3922.29±105.13 b	8.99±0.38 a	0.9815±0.0152 a	96.68%

Note: The values with different lowercase letters in the same column are significantly different ($p < 0.05$)