

Supplementary Table 1. Soil chemical properties before and after the experiment.

Parameters	Before the experiment	After the experiment	
		2020	2021
Soil pH			
CF ₁₀₀	6.53	6.33 ^a	6.27 ^A
CF ₇₅ + OF ₂₅		6.54 ^a	6.56 ^A
CF ₅₀ + OF ₅₀		6.70 ^a	6.70 ^A
CF ₂₅ + OF ₇₅		6.70 ^a	6.60 ^A
Organic matter (%)			
CF ₁₀₀	1.53	1.49 ^b	1.51 ^B
CF ₇₅ + OF ₂₅		1.56 ^{ab}	1.62 ^{AB}
CF ₅₀ + OF ₅₀		1.58 ^{ab}	1.66 ^{AB}
CF ₂₅ + OF ₇₅		1.62 ^a	1.70 ^A
Available N (mg 100 g⁻¹ soil)			
CF ₁₀₀	16.13	15.98 ^a	15.90 ^B
CF ₇₅ + OF ₂₅		16.48 ^a	16.96 ^{AB}
CF ₅₀ + OF ₅₀		16.72 ^a	18.74 ^A
CF ₂₅ + OF ₇₅		16.80 ^a	18.67 ^A
Available P₂O₅ (mg 100 g⁻¹ soil)			
CF ₁₀₀	16.33	16.06 ^a	16.21 ^B
CF ₇₅ + OF ₂₅		16.68 ^a	17.22 ^{AB}
CF ₅₀ + OF ₅₀		17.22 ^a	17.51 ^{AB}
CF ₂₅ + OF ₇₅		17.36 ^a	18.13 ^A
Available K₂O (mg 100 g⁻¹ soil)			
CF ₁₀₀	6.37	6.31 ^b	6.41 ^B
CF ₇₅ + OF ₂₅		6.64 ^{ab}	6.79 ^{AB}
CF ₅₀ + OF ₅₀		6.90 ^a	7.08 ^A
CF ₂₅ + OF ₇₅		6.94 ^a	7.13 ^A

Different letters among treatments within each bar parameter indicate significant differences at $P < 0.05$.

CF₁₀₀: 100% CF, CF₇₅ + OF₂₅: 75% CF + 25% microbial OF replacing CF, CF₅₀ + OF₅₀: 50% CF + 50% microbial OF replacing CF, CF₂₅ + OF₇₅: 25% CF + 75% microbial OF replacing CF.