

Supplementary Materials

Table S1. Soil properties as affected by 8 years of continuous combined application of organic and mineral N fertilizer in June 2018.

	BD (g cm ⁻³)	pH	SOC (g C kg ⁻¹)	TN (g N kg ⁻¹)	NH ₄ ⁺ -N (mg N kg ⁻¹)	NO ₃ ⁻ -N (mg N kg ⁻¹)	DOC (mg C kg ⁻¹)
Control	1.47 ± 0.01 a	8.93 ± 0.10 a	5.03 ± 0.09 d	0.69 ± 0.06 c	0.33 ± 0.12 b	5.89 ± 1.06 a	8.59 ± 0.71 c
Nmin	1.44 ± 0.03 a	8.63 ± 0.08 b	6.84 ± 0.23 c	0.88 ± 0.05 bc	0.57 ± 0.03 ab	5.75 ± 0.76 a	15.31 ± 4.79 bc
50%CM	1.31 ± 0.03 b	8.76 ± 0.10 ab	11.24 ± 0.14 a	1.30 ± 0.02 a	0.67 ± 0.07 ab	6.92 ± 0.32 a	28.22 ± 2.59 a
25%CM	1.40 ± 0.03 ab	8.61 ± 0.07 b	9.39 ± 0.52 b	1.25 ± 0.07 ab	0.81 ± 0.03 a	8.27 ± 2.03 a	23.11 ± 2.79 ab
50%FC	1.35 ± 0.01 b	8.69 ± 0.03 b	10.25 ± 0.96 ab	1.34 ± 0.19 a	0.63 ± 0.04 ab	9.05 ± 2.71 a	23.79 ± 2.43 ab
25%FC	1.42 ± 0.03 ab	8.78 ± 0.11 ab	7.98 ± 0.80 b	1.01 ± 0.14 b	0.29 ± 0.19 b	6.49 ± 0.63 a	17.29 ± 1.36 bc
50%FP	1.34 ± 0.02 b	8.60 ± 0.04 b	10.78 ± 0.43 ab	1.44 ± 0.08 a	0.57 ± 0.19 ab	6.30 ± 1.87 a	18.87 ± 5.43 b
25%FP	1.40 ± 0.05 ab	8.69 ± 0.04 b	8.70 ± 0.74 b	1.18 ± 0.06 ab	0.49 ± 0.15 ab	7.76 ± 0.41 a	20.39 ± 1.35 ab

Means ± SE (n=3). Different letters indicate statistically significant differences between treatments within the same column ($p < 0.05$, $n = 3$). BD, soil bulk density; SOC, soil organic C; TN, total N; DOC, dissolved organic C.