

1 Table S1 Effects of different treatments on cumulative N₂O emissions,
 2 cumulative CH₄ emissions and GWP. The values denote means ± standard
 3 errors (n=3). Different lowercase letters indicate significant differences (*P*
 4 < 0.05).

Treatments	Cumulative N ₂ O emissions kg ha ⁻¹	Cumulative CH ₄ emissions kg ha ⁻¹	GWP kg CO ₂ -eq ha ⁻¹
CK	1.48±0.06 ef	19.02±0.54 ef	916.2±25.4 e
¹⁵ S	1.24±0.05 f	420.67±23.28 b	10886.2±593.7 b
CF ¹⁵ U	4.02±0.30 c	35.57±0.83 e	2088.4±98.7 d
U+ ¹⁵ S	3.89±0.09 c	455.84±12.54 a	12556.7±339.3 a
¹⁵ U+S	3.76±0.02 c	456.47±20.02 a	12531.4±496.1 a
CK	1.64±0.15 e	14.16±0.73 f	841.7±62.1 e
¹⁵ S	2.07±0.17 d	158.48±6.97 c	4577.5±194.7 c
AWD ¹⁵ U	4.48±0.12 b	20.26±1.28 ef	1842.0±63.7 d
U+ ¹⁵ S	5.05±0.28 a	125.33±5.88 d	4663.7±65.8 c
¹⁵ U+S	5.29±0.25 a	121.01±5.88 d	4556.9±204.4 c

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