

附录2 极端干旱对土壤理化性质的影响。各数值为算术平均值 ± 标准误。

Appendix 2 Effects of extreme drought on soil physicochemical properties. Values given are arithmetic mean ± standard error.

土壤参数 Soil parameters	自然对照(CK) Ambient control	干旱三年(D3) Drought for 3 years	干旱十年(D10) Drought for 10 years
土壤含水率 SMC (%) Soil moisture content	0.554 ± 0.019 ^a	0.378 ± 0.038 ^b	0.447 ± 0.029 ^b
酸碱度 pH	8.01 ± 0.02 ^a	7.97 ± 0.04 ^a	7.93 ± 0.02 ^a
总碳 TC (mg/g)	7.32 ± 0.49 ^a	5.49 ± 0.19 ^b	6.41 ± 0.29 ^{ab}
总有机碳 TOC (mg/g)	4.19 ± 0.35 ^a	2.86 ± 0.23 ^b	2.95 ± 0.45 ^b
总氮 TN (mg/kg)	292 ± 21.2 ^a	221 ± 12.3 ^b	212 ± 13.1 ^b
铵态氮 NH ₄ ⁺ -N (mg/kg)	1.39 ± 0.13 ^b	2.81 ± 0.17 ^a	2.85 ± 0.24 ^a
硝态氮 NO ₃ ⁻ -N (mg/kg)	3.65 ± 0.56 ^b	7.49 ± 1.14 ^a	9.53 ± 0.91 ^a
总磷 TP (mg/kg)	180 ± 25.5 ^a	158 ± 16.1 ^a	176 ± 25.4 ^a
速效磷 AP (mg/kg)	5.68 ± 0.46 ^a	5.23 ± 0.37 ^a	6.51 ± 0.67 ^a

同一排不同字母表示各参数在 $P < 0.05$ 水平上差异显著(nCK = 11, nD3 = 12, nD10 = 11)。

Different letters in the same row indicate that parameters show significant differences at $P < 0.05$ level (nCK = 11, nD3 = 12, nD10 = 11).