

Table 4 The relationships between electrical conductivity (EC) and NO<sub>3</sub><sup>-</sup> contents in 0~8 cm horizon of the control (ck) and treatments (T)

Item	Linear regression equation	r	p
ck	NO <sub>3</sub> <sup>-</sup> = 0.008 39 EC + 0.132 31	0.986	0.010
T1	NO <sub>3</sub> <sup>-</sup> = 0.004 65 EC + 1.232 49	0.981	0.020
T2	NO <sub>3</sub> <sup>-</sup> = 0.002 71 EC + 1.983 89	0.997	0.004
T3	NO <sub>3</sub> <sup>-</sup> = 0.002 53 EC + 2.070 91	0.996	0.005
T4	NO <sub>3</sub> <sup>-</sup> = 0.002 70 EC + 2.059 06	0.984	0.020