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| Table S1. Soil organic matter (SOM), total nitrogen (TN), total phosphorus (TP), available phosphorus (AP), available potassium (AK), slow available potassium (RK) and pH among treatments in seedling and jointing stage. | | | | | | | |
|  | Seedling stage | | |  | Jointing stage | | |
|  | CK | ST | SM |  | CK | ST | SM |
| SOM | 27.85+0.49 b | 29.85+2.17 ab | 33.96+3.19 a |  | 34.4+4 a | 38.25+2.74 a | 40.84+2.08 a |
| TN | 1.36+0.02 c | 1.45+0.03 b | 1.57+0.03 a |  | 1.3+0.13 a | 1.33+0.07 a | 1.35+0.12 a |
| TP | 0.58+0.06 a | 0.61+0.05 a | 0.6+0.04 a |  | 0.61+0.06 a | 0.6+0.01 a | 0.58+0.02 a |
| AP | 59.53+11.84 a | 46.67+4.99 a | 60.53+17.18 a |  | 48.65+1.81 b | 54.2+0.1 ab | 59.24+3.39 a |
| AK | 271.67+12.5 a | 281.33+15.04 a | 271+30.51 a |  | 233.33+14.5 a | 243+34.51 a | 235.33+25.77 a |
| RK | 855.84+18.32 a | 850.51+9.22 a | 878.19+73.22 a |  | 888+50.39 a | 893.33+17.16 a | 933+35.76 a |
| pH | 5.76+0.12 a | 5.73+0.04 a | 5.68+0.05 a |  | 5.53+0.19 a | 5.63+0.04 a | 5.72+0.12 a |