**Table. S1** Details of crop agronomic characteristics under different fertilization treatments.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | C | CF | OF |
| Above ground biomass (kg/m2) |  | 1.66±0.06 c | 2.47±0.11 a | 2.13±0.13 b |
| Underground biomass (kg/m2) |  | 0.16±0.03 b | 0.21±0.02 a | 0.19±0.03 a |
| Seed yield (g/m2) |  | 307.97±3.73 b | 523.39±12.17 a | 492.19±0.48 a |
| Leaf area index |  | 2.12±0.11 b | 3.39±0.13 a | 3.27±0.1 a |
| Stem length (cm) |  | 68.37±2.85 b | 79.5±1.80a | 78.7±4.01 a |
| Thousand seeds weight (g) |  | 17.43±1.21 b | 21.23±1.04 a | 20.87±0.12 a |

The significant differences in each parameter (mean±SE) among different treatments were determined by one-way ANOVA (LSD test). Different letters indicate significant difference at P<0.05.