Table S1 Results of ANOVAs for the effects of treatment and block on rice plant and soil characteristics.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | Factors | *d.f.* | SW-Na+ content  | SW-K+ content | SW-Ca2+ content |  |  |
| Soil |  |  | F | *P* | F | *P* | F | *P* |  |  |
| Treatment | 4 | 4.045 | 0.044 | 0.747 | 0.587 | 1.726 | 0.237 |  |  |
| Block  | 2 | 0.188 | 0.832 | 5.689 | 0.029 | 0.079 | 0.925 |  |  |
| Rice yield |  |  | Rice yield (2010) | Rice yield (2012) | Rice yield (2015) | Rice yield (2017) |
|  |  | F | *P* | F | *P* | F | *P* | F | *P* |
| Treatment | 4 | 12.297 | 0.002 | 8.339 | 0.006 | 9.292 | 0.004 | 1.663 | 0.25 |
| Block  | 2 | 0.343 | 0.72 | 0.204 | 0.82 | 2.023 | 0.195 | 1.132 | 0.369 |
| Rice plant |  |  | S-Na+ content | S-K+ content  | R-Na+ content | R-K+ content |
|  |  | F | *P* | F | *P* | F | *P* | F | *P* |
| Treatment | 4 | 2.162 | 0.164 | 6.626 | 0.012 | 0.39 | 0.81 | 3.092 | 0.082 |
| Block  | 2 | 2.803 | 0.119 | 1.281 | 0.329 | 2.367 | 0.156 | 0.8 | 0.482 |
|  |  | W-Na+ content | W-K+ content  | SA | ST |
|  |  | F | *P* | F | *P* | F | *P* | F | *P* |
| Treatment | 4 | 0.907 | 0.503 | 6.826 | 0.011 | 2.613 | 0.115 | 1.758 | 0.23 |
| Block  | 2 | 1.174 | 0.357 | 2.432 | 0.15 | 3.619 | 0.076 | 3.282 | 0.091 |

Note: SW-Na+ content, Na+ content in soil solution (1: 5 soil to water extracts); SW-K+ content, K+ content in soil solution (1: 5 soil to water extracts); SW-Ca2+ content, Ca2+ content in soil solution (1: 5 soil to water extracts); S-Na+ content, Na+ content in plant shoot; S-K+ content, K+ content in plant shoot; S-Na+ content, Na+ content in plant root; S-K+ content, K+ content in plant root; W-Na+ content, Na+ content in the whole plant; W-K+ content, K+ content in the whole plant; SA, selective absorption of K+ over Na+; ST, selective transport of K+ over Na+.