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| **Supplementary table S1.** Nutrient solution contents used for growing rice and at final pH 5.4. | | |
|  |  |  |
|  | mmol/l | mg/l |
| N-NO3 | 4.74 | 66.3 |
| N-NH4 | 0.28 | 4.0 |
| N-tot | 5.02 | 70.3 |
| CaO | 1.69 | 94.9 |
| Ca | 1.80 | 72.2 |
| P2O5 | 0.35 | 50.0 |
| P | 0.70 | 21.8 |
| K2O | 0.88 | 82.7 |
| K | 1.75 | 68.6 |
| MgO | 1.36 | 54.7 |
| Mg | 1.41 | 34.2 |
| SO3 | 1.37 | 109.5 |
| S | 1.36 | 43.8 |
|  | µmol/l | mg/l |
| Fe | 50.83 | 2.8 |