|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Supplementary table S2.** Soil chemical analysis after nutritional adjustment (n=3). |  |  |  |  |  |  |  |
| Soil samples | pH | O.M | Pres | Kres | Cares | Mgres  | H+Al | Al  | BS | CEC | BS | AlSat | SO4 |  |
| CaCl2 | g dm-3 | mg dm-3 | mmolcdm-3 | V% | m% | mg dm-3 |  |
| Replicate 1 -P | 5.6 | 5 | 4 | 2 | 19 | 7 | 15 | 0 | 28 | 43 | 65 | 0 | 9 |  |
| Replicate 2 -P | 6.1 | 5 | 4 | 2.3 | 19 | 9 | 13 | 0 | 30 | 43 | 70 | 0 | 9 |  |
| Replicate 3 -P | 6.0 | 5 | 4 | 2.8 | 20 | 9 | 13 | 0 | 32 | 45 | 71 | 0 | 9 |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Replicate 1 +P | 5.8 | 5 | 26 | 2 | 20 | 10 | 13 | 0 | 32 | 45 | 71 | 0 | 8 |  |
| Replicate 2 +P | 5.9 | 5 | 26 | 2 | 18 | 9 | 13 | 0 | 29 | 42 | 69 | 0 | 5 |  |
| Replicate 3 +P | 5.9 | 5 | 30 | 2.5 | 17 | 8 | 13 | 0 | 28 | 41 | 68 | 0 | 8 |  |
| OM: organic matter; CEC: cation exchange capacity; BS: basic saturation; Pres: Phosphorus resin, Kres: Potasium resin, Cares: Calcium resin, Mgres: magnesium resin. |