**Supplementary Table 1a:**

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| --- |
| Kendall’s tau\_b Correlations on X0 ranking: Significant at the 0.01 level (2-tailed) |
| Kendall’s tau\_b | Treatments |  | M-Nitrogen | M+NH4Cl | M+NH4NO3 | M+NO3 | M+Urea |
|  | M-Nitrogen | Correlation coefficient | 1.000 | .781(<0.001) | .874(<0.001) | .876(<0.001) | .829(<0.001) |
|  |  | N | 21 | 21 | 21 | 21 | 21 |
|  | M+NH4Cl | Correlation coefficient | .781(<0.001) | 1.000 | .807(<0.001) | .790(<0.001) | .838(<0.001) |
|  |  | N | 21 | 21 | 21 | 21 | 21 |
|  | M+NH4NO3 | Correlation coefficient | .874(<0.001) | .807(<0.001) | 1.000 | .893(<0.001) | .833(<0.001) |
|  |  | N | 21 | 21 | 21 | 21 | 21 |
|  | M+NO3 | Correlation coefficient | .876(<0.001) | .790(<0.001) | .893(<0.001) | 1.000 | .883(<0.001) |
|  |  | N | 21 | 21 | 21 | 21 | .000 |
|  | M+Urea | Correlation coefficient | .829(<0.001) | .838(<0.001) | .883(<0.001) | .838(<0.001) | 21 |
|  |  | N | 21 | 21 | 21 | 21 | 21 |

**Supplementary Table.1b:**

|  |
| --- |
| Kendall’s tau\_b Correlations on ∆X0 ranking: Significant at the 0.01 level (2-tailed). |
| Kendall’s tau\_b | Treatments |  | ∆M+NO3 | ∆M+NH4Cl | ∆M+Urea | ∆M+NH4NO3 |
|  | ∆M+NO3 | Correlation coefficient | 1.000 | -0.48(ns) | 0.495(<0.01) | .571(<0.001) |
|  |  | N | 21 | 21 | 21 | 21 |
|  | ∆M+NH4Cl | Correlation coefficient | -0.48(ns) | 1.000 | -.171(ns) | -.190(ns) |
|  |  | N | 21 | 21 | 21 | 21 |
|  | ∆M+Urea | Correlation coefficient | 0.495((<0.01) | -.171(ns) | 1.000 | .676(<0.001) |
|  |  | Sig.(two tailed) | .002 | .277 |  | .000 |
|  |  | N | 21 | 21 | 21 | 21 |
|  | ∆M+NH4NO3 | Correlation coefficient | .571(<0.001) | -.190(ns) | .676(<0.001) | 1.000 |
|  |  | N | 21 | 21 | 21 | 21 |

**Supplementary Table:1. Correlation analysis of the ranking of 21 genotypes** **by** **Kendall’s tau\_b test. a.** Ranking based on time taken for 50% seeds to germinate (X0) and **b.** Ranking based on the effect of N on the time taken for 50% seeds to germinate (∆X0)**.** X0 values were obtained as described in the legend for supplementary Table 1 and the difference between the X0 values with and without N were calculated as ∆X0. Values in the parenthesis shows significance.