**Table S1:** Soil Analysis Results for Topsoil Composite Sample from the Model Training Farm at Sokoine University of Agriculture, Representing the Soil Used in the Experiments.

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| --- | --- | --- | --- |
| **Parameter** | **Quantity** | **Parameter** | **Quantity** |
| Texture | 56.32% clay | K | 2.19 Cmol+/Kg |
| 6.56% silt | Mg | 1.26 Cmol+/Kg |
| 37.12% sand | Ca | 0.29 Cmol+/Kg |
| pH | 5.73 | S | 12.7 mg/Kg |
| EC | 0.19 mS/cm | Cu | 2.31 mg/Kg |
| C.E.C | 3.82 Cmol+/Kg | Zn | 6.94 mg/Kg |
| OC | 1.15% | Mn | 81.27 mg/Kg |
| TN | 0.18% | Fe | 21.50 mg/Kg |
| P | 4.50 mg/Kg | Na | 0.06 Cmol+/Kg |