**Supplementary T1. Experimental design for pot studies**

| Treatments | Description |
|---|---|
| T0 | Control |
| T1 | 300 mM NaCl |
| T2 | 600 mM NaCl |
| T3 | 900 mM NaCl |
| T4 | *Bacillus mycoides* PM35 |
| T5 | *B. mycoides* PM35 + 300 mM |
| T6 | *B. mycoides* PM35 + 600 mM |
| T7 | *B. mycoides* PM35 + 900 mM |

**Supplementary T2. Physio-chemical properties of soil**

| **Soil parameters** | **Soil 1 (Pre-sowing)** | **Soil 2 (Post-harvesting)** |
|---|---|---|
| **Soil texture** | **Loamy** | **Loamy** |
| **pH** | **7.94** | **7.87** |
| **Electrical conductivity (dS/m)** | **1.53** | **4.49** |
| **Organic matter (%)** | **3.49** | **1.88** |
| **Available Phosphorus (mg/kg)** | **45.62** | **33.85** |
| **Available Potassium (mg/kg)** | **601** | **124** |
| **Saturation (%)** | **44** | **43** |