

Figure 20: Tomato electrolyte leakage under ambient growing conditions for non-inoculated and inoculated plants.

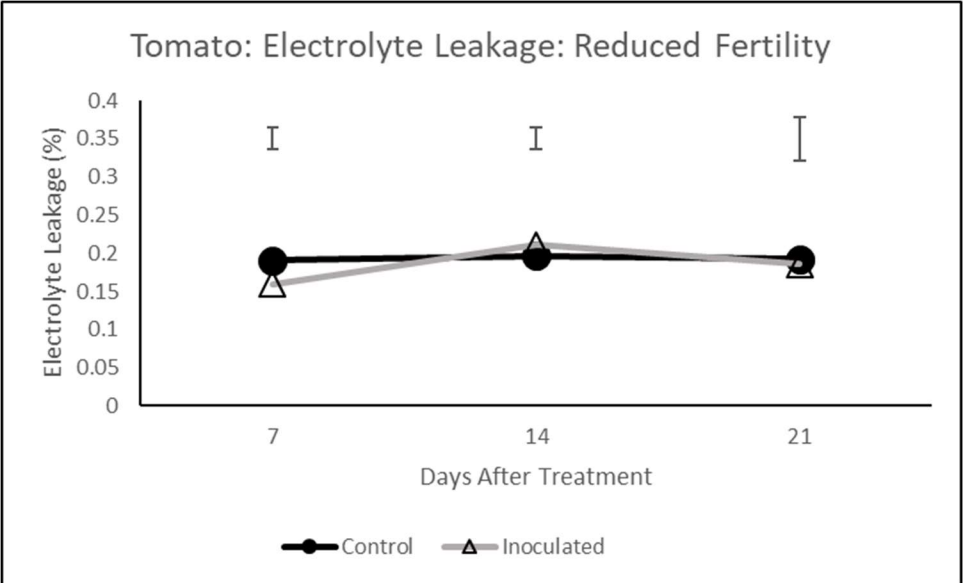


Figure 21: Tomato electrolyte leakage under reduced fertility growing conditions for non-inoculated and inoculated plants.

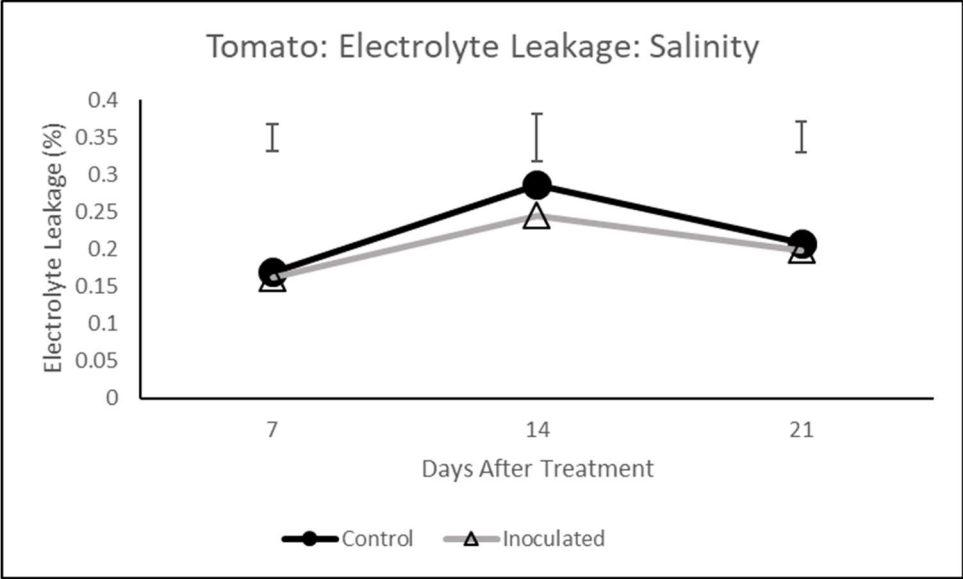


Figure 22: Tomato electrolyte leakage under saline growing conditions for non-inoculated and inoculated plants.

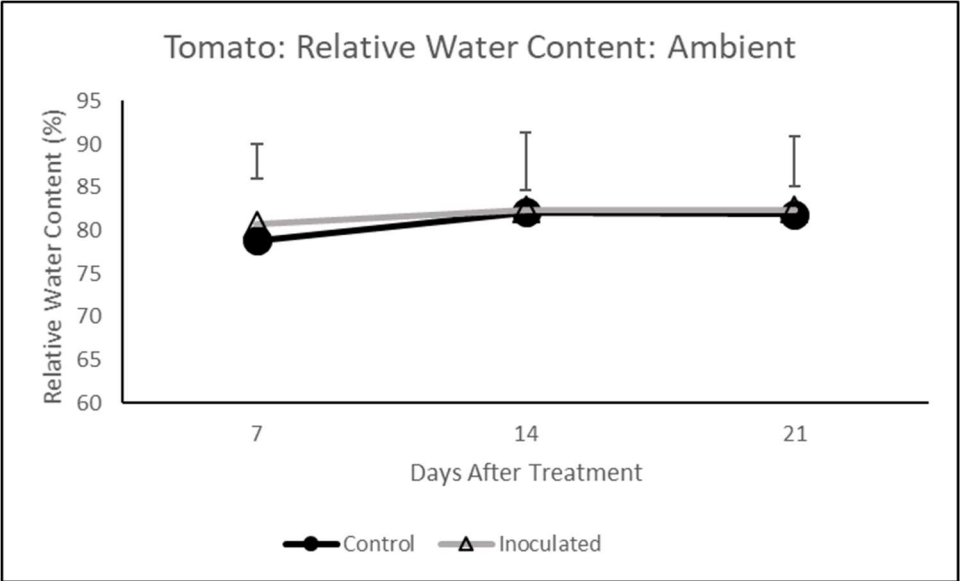


Figure 23: Tomato leaf relative water content under ambient growing conditions for non-inoculated and inoculated plants.

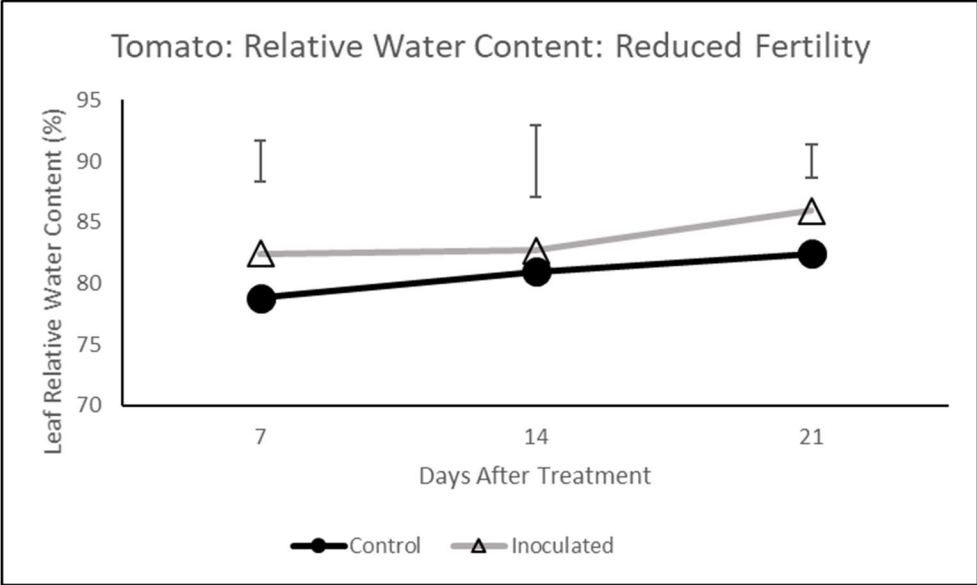


Figure 24: Tomato leaf relative water content under reduced fertility growing conditions for non-inoculated and inoculated plants.

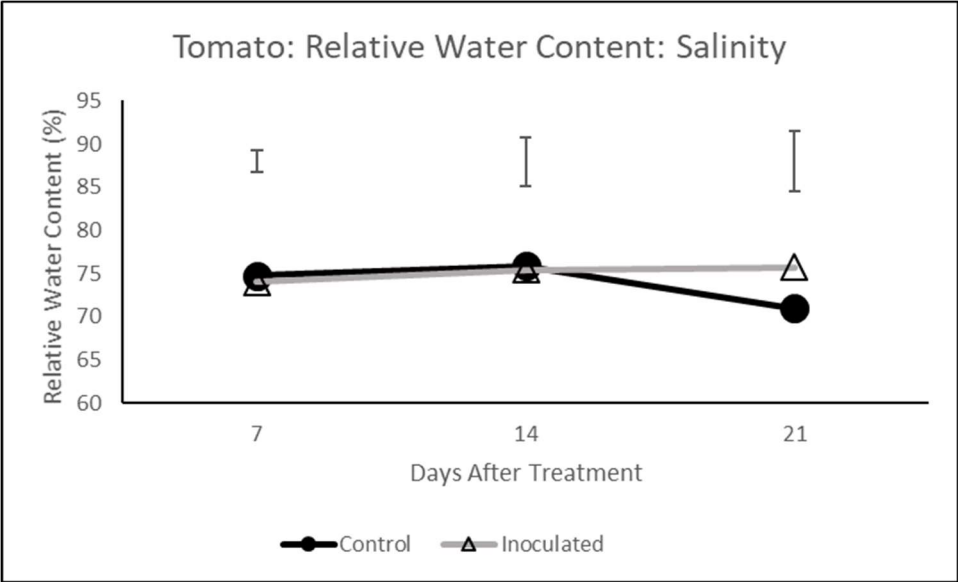


Figure 25: Tomato leaf relative water content under saline growing conditions for non-inoculated and inoculated plants.

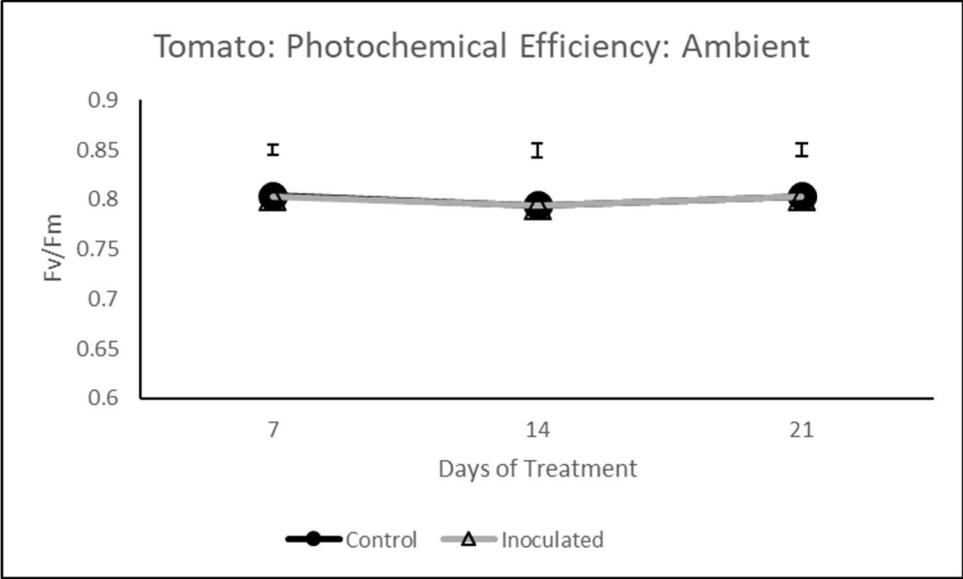


Figure 26: Tomato photochemical efficiency (Fv/Fm) under ambient growing conditions for non-inoculated and inoculated plants.

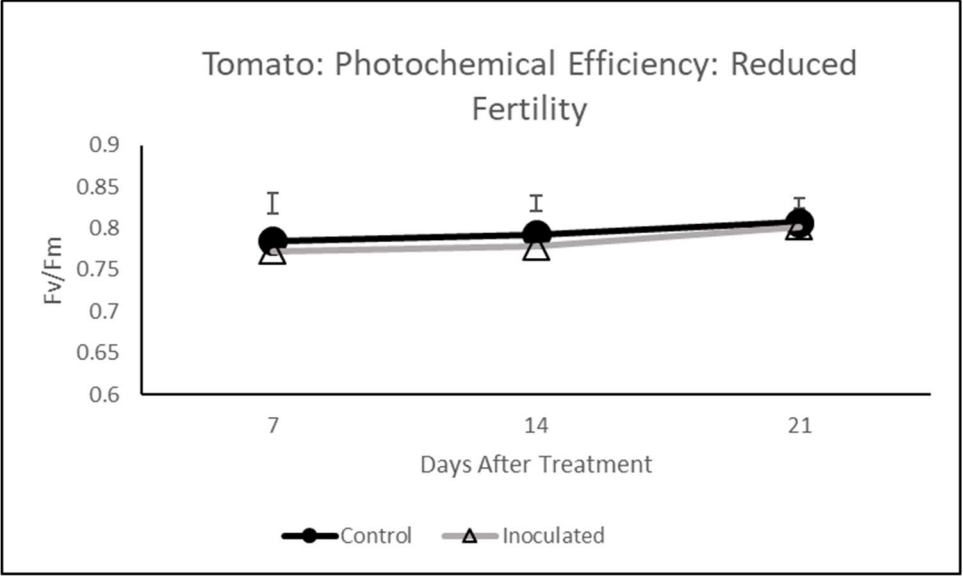


Figure 27: Tomato photochemical efficiency (Fv/Fm) under reduced fertility growing conditions for non-inoculated and inoculated plants.

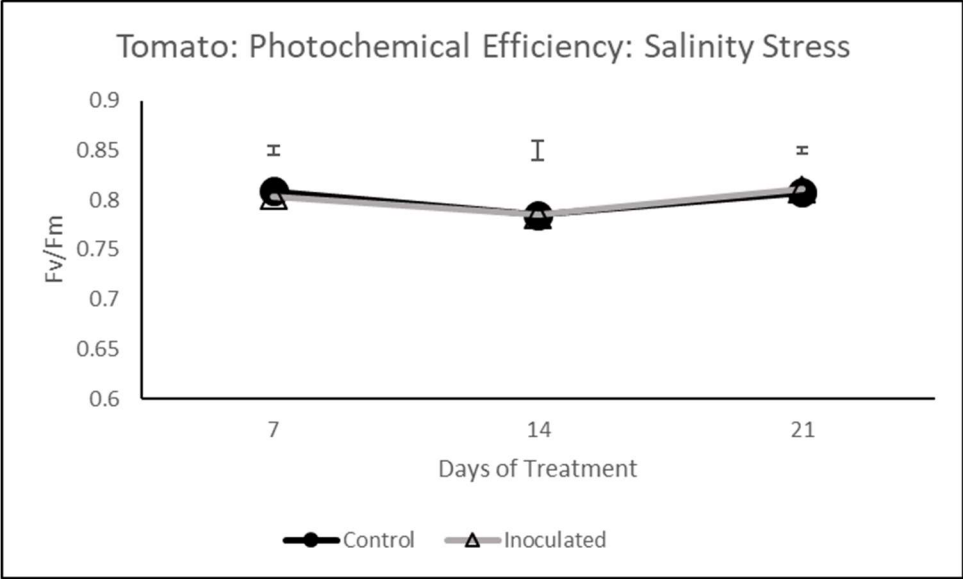


Figure 28: Tomato photochemical efficiency (Fv/Fm) under saline growing conditions for non-inoculated and inoculated plants.

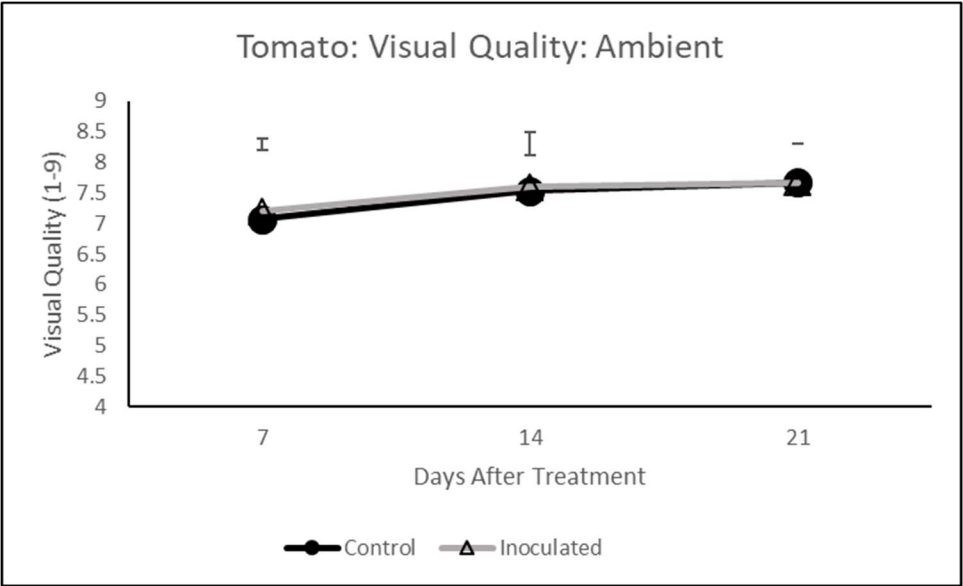


Figure 29: Tomato visual quality under ambient growing conditions for non-inoculated and inoculated plants.

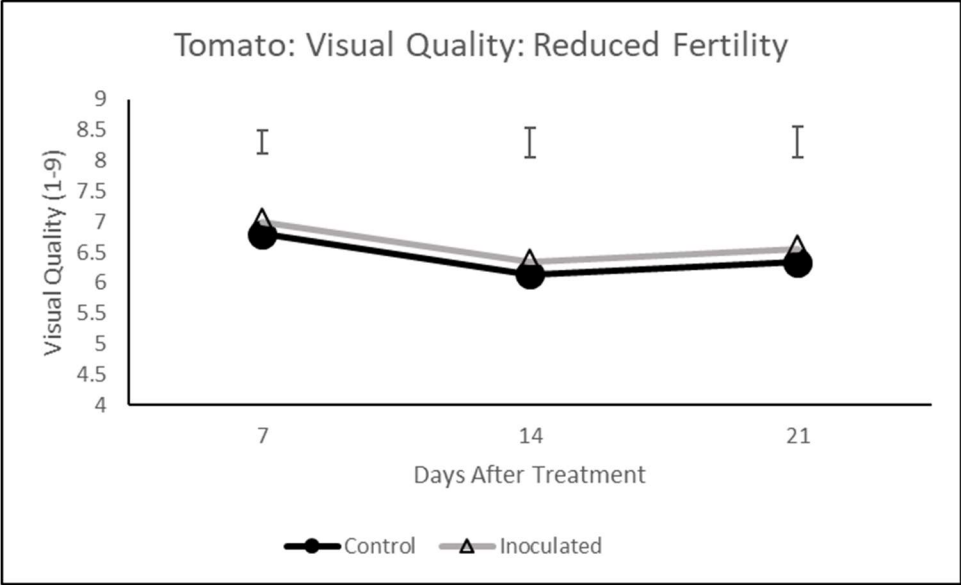


Figure 30: Tomato visual quality under reduced fertility growing conditions for non-inoculated and inoculated plants.

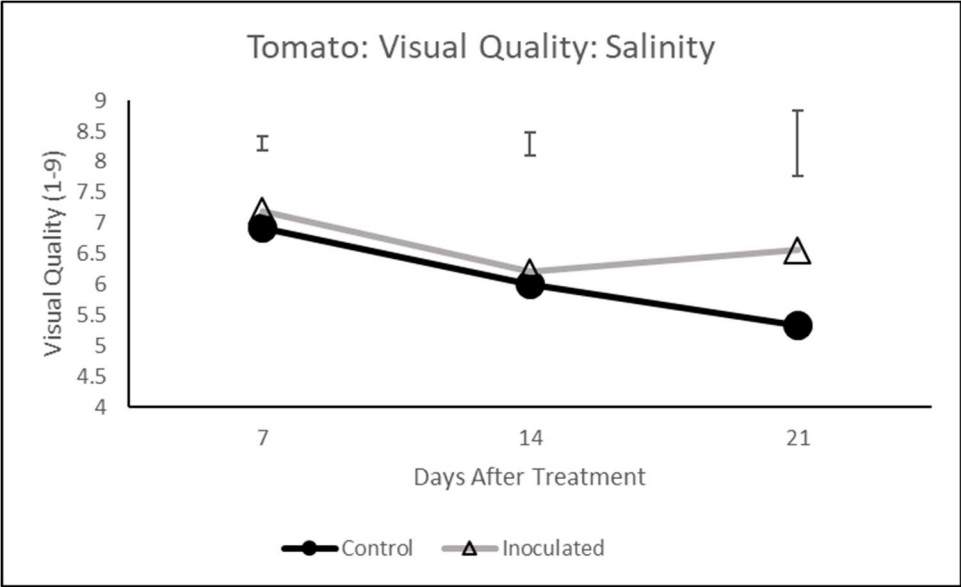


Figure 31: Tomato visual quality under saline growing conditions for non-inoculated and inoculated plants.

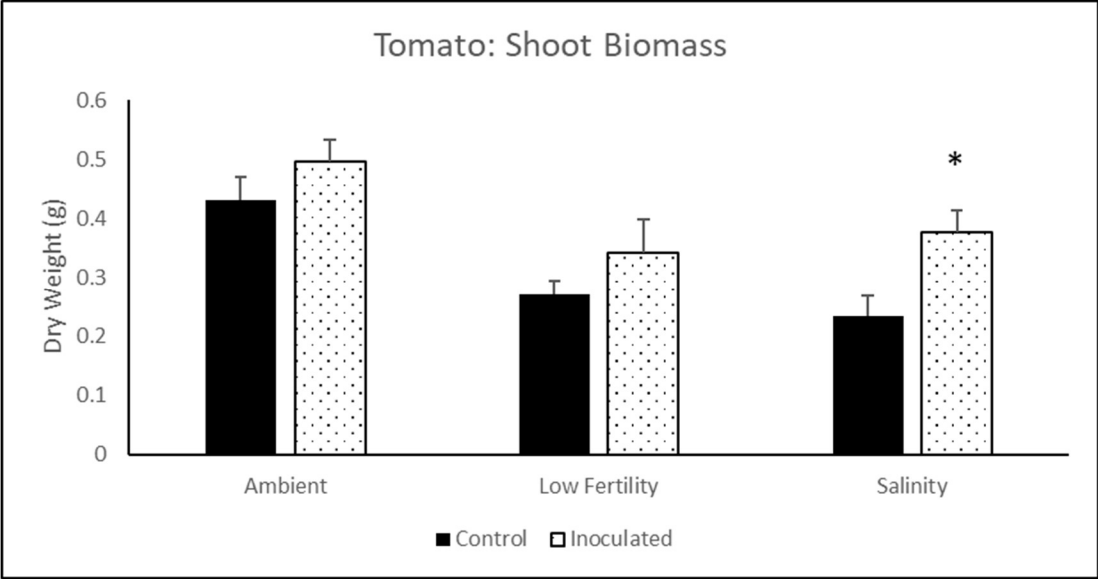


Figure 32: Tomato shoot biomass after 21 days of stress treatments.

\* indicates significant difference at  $p < 0.05$ .

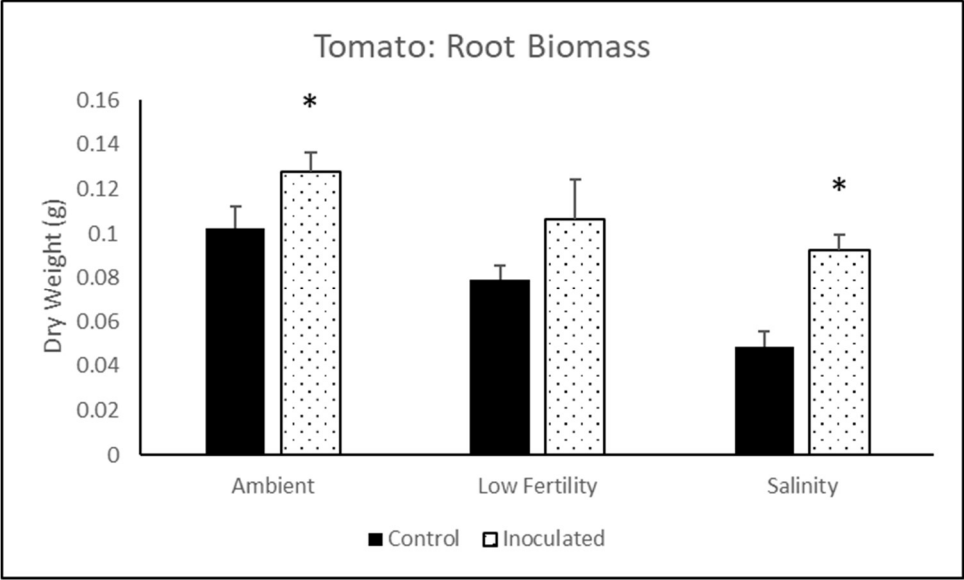


Figure 33: Tomato root biomass after 21 days of stress treatments.

\* indicates significant difference at  $p < 0.05$ .

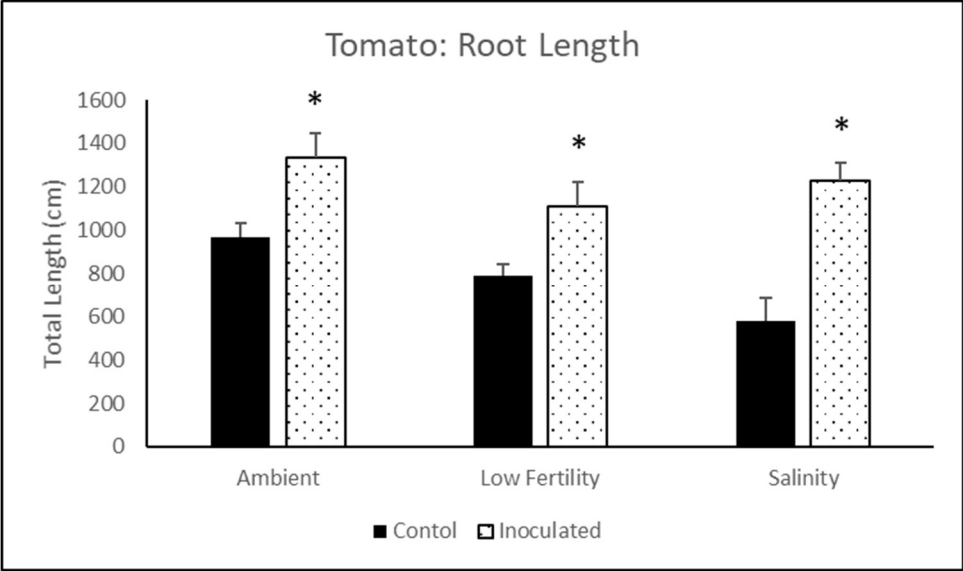


Figure 34: Tomato root length after 21 days of stress treatments.

\* indicates significant difference at  $p < 0.05$ .

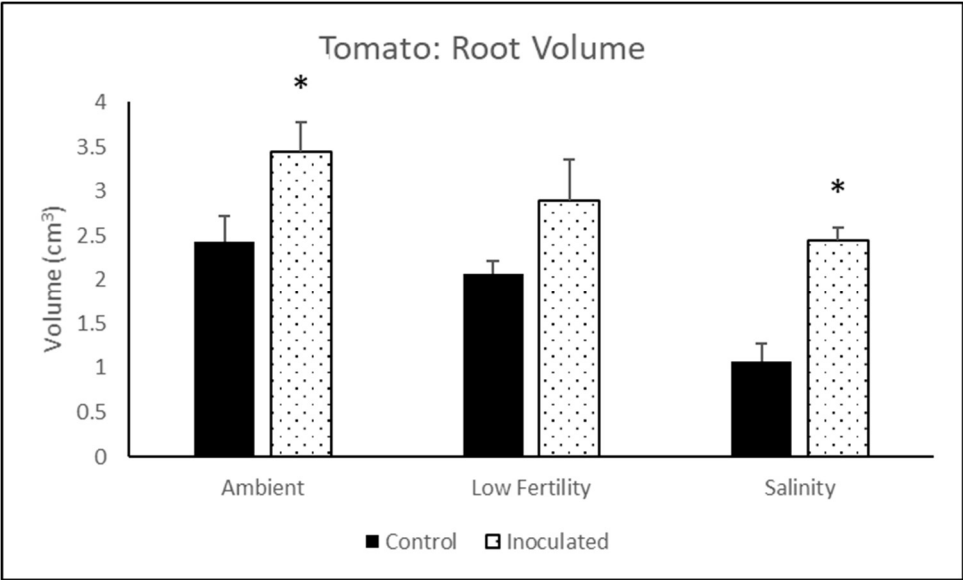


Figure 35: Tomato root volume after 21 days of stress treatments.

\* indicates significant difference at  $p < 0.05$ .



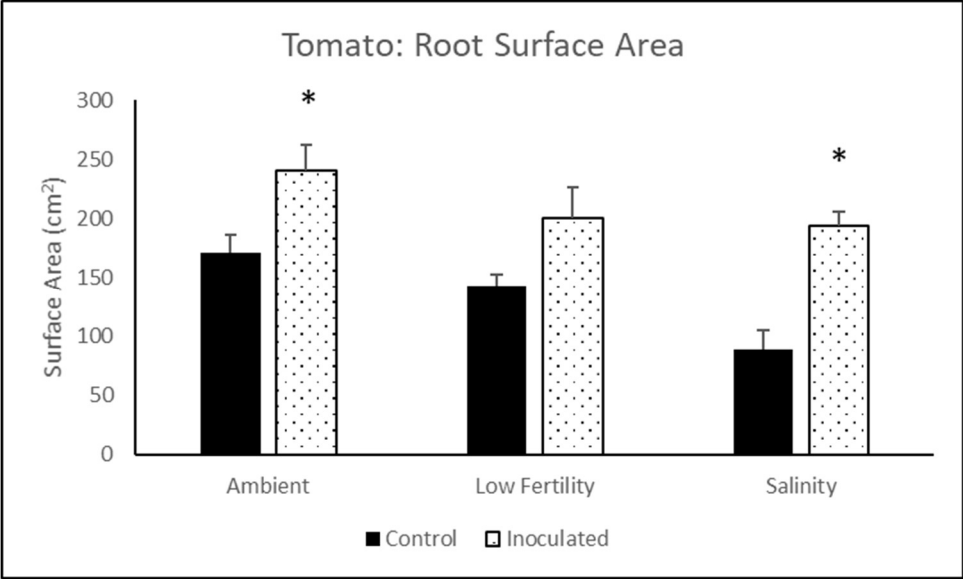


Figure 36: Tomato root surface area after 21 days of stress treatments.

\* indicates significant difference at  $p < 0.05$ .

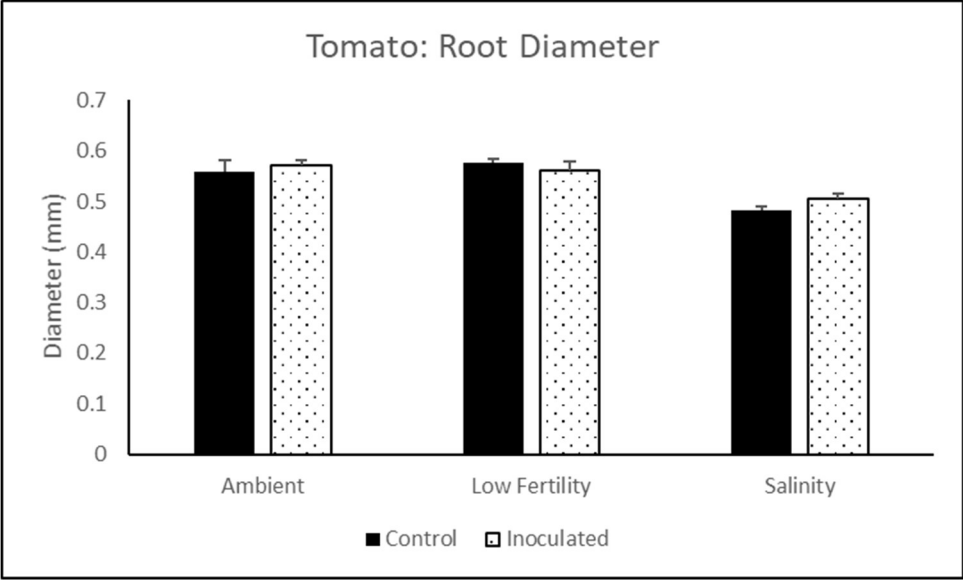


Figure 37 Tomato root diameter after 21 days of stress treatments.

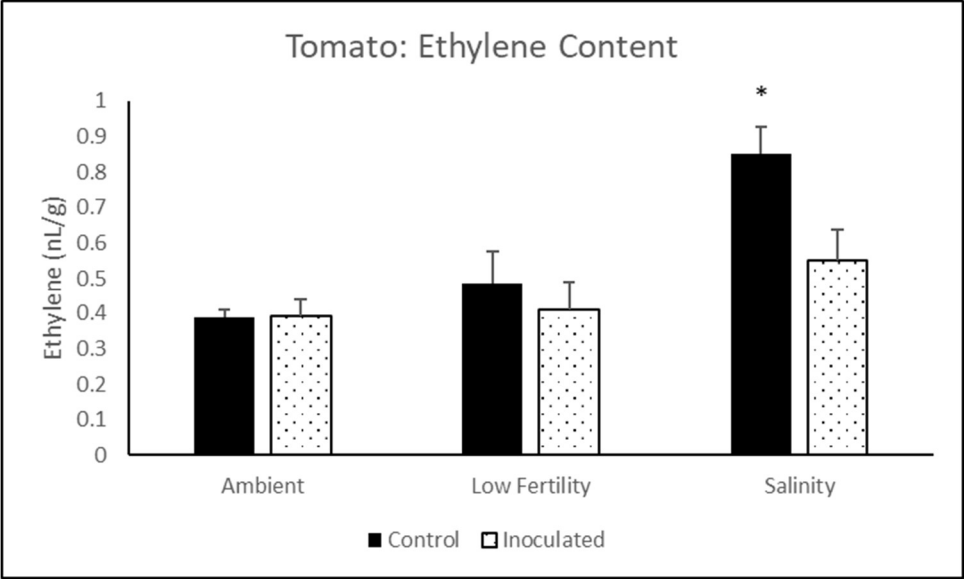


Figure 38: Tomato ethylene content after 21 days of stress treatments.

\* indicates significant difference at p<0.05.

Table 2: Nutrient analysis for tomato under ambient conditions, salinity stress, and reduced fertility. Different letters indicate significant difference at  $p < 0.05$ .

<b>Ambient</b>	<b>N %</b>	<b>P %</b>	<b>K %</b>	<b>Ca %</b>	<b>Mg %</b>	<b>S %</b>	<b>Mn mg/kg</b>	<b>Fe mg/kg</b>	<b>Cu mg/kg</b>	<b>B mg/kg</b>	<b>Al mg/kg</b>	<b>Zn mg/kg</b>	<b>Na mg/kg</b>
<b>Control</b>	2.81 a	0.56 a	7.28 a	1.45 a	1.05 a	0.84 a	783.78 a	402.85 a	17.90 a	48.38 a	209.98 a	57.07 a	2214.64 a
<b>Inoculated</b>	2.75 a	0.55 a	6.88 a	1.42 a	0.95 b	0.84 a	708.40 a	407.32 a	17.73 a	45.23 a	193.65 a	57.43 a	2898.76 a
<b>Salt</b>	<b>N %</b>	<b>P %</b>	<b>K %</b>	<b>Ca %</b>	<b>Mg %</b>	<b>S %</b>	<b>Mn mg/kg</b>	<b>Fe mg/kg</b>	<b>Cu mg/kg</b>	<b>B mg/kg</b>	<b>Al mg/kg</b>	<b>Zn mg/kg</b>	<b>Na mg/kg</b>
<b>Control</b>	3.40 a	0.63 a	4.48 a	1.62 a	0.99 a	0.58 a	701.88 a	375.90 a	18.21 a	32.15 a	154.60 a	73.59 a	28286.68 a
<b>Inoculated</b>	3.10 a	0.52 a	4.31 a	1.40 b	0.92 a	0.49 a	715.78 a	220.96 a	18.16 a	30.24 a	101.10 a	72.11 a	25719.56 a
<b>Reduced Fertility</b>	<b>N %</b>	<b>P %</b>	<b>K %</b>	<b>Ca %</b>	<b>Mg %</b>	<b>S %</b>	<b>Mn mg/kg</b>	<b>Fe mg/kg</b>	<b>Cu mg/kg</b>	<b>B mg/kg</b>	<b>Al mg/kg</b>	<b>Zn mg/kg</b>	<b>Na mg/kg</b>
<b>Control</b>	2.34 a	0.99 a	7.82 a	1.78 a	1.25 a	1.09 a	1011.88 a	447.92 a	22.09 a	53.17 a	232.34 a	84.30 a	3821.93 a
<b>Inoculated</b>	2.52 a	1.04 a	9.59 a	1.98 a	1.35 a	1.44 a	1097.70 a	746.03 a	27.30 a	56.72 a	307.02 a	100.46 a	4374.02 a