

Table 1 Mean comparison for different productivity-enhancing traits of cucumber for different treatments under soilless culture based on Tukey-Kramer (HSD) method (Adopted from Sallam et al., 2021)

Traits	T ₁ (Control)	T ₂	T ₃	T ₄
Fruit Yield Per Plant (g)	525.8 ± 35.73 ^b	918.3 ± 37.36 ^a	875.7 ± 24.3 ^a	824.7 ± 56.04 ^a
Fruit Weight (g)	146.13 ± 2.17 ^b	180.53 ± 3.32 ^a	181.85 ± 2.74 ^a	177.71 ± 1.41 ^a
Leaf Area (cm ²)	350.5 ± 14.95 ^b	658.8 ± 40.12 ^a	652.6 ± 14.25 ^a	579.3 ± 14.81 ^a
Vine Length (cm)	178.96 ± 1.02 ^b	201.13 ± 4.89 ^a	202.8 ± 4.2 ^a	175.77 ± 3.55 ^b
Vine Girth (mm)	8.59 ± 0.166 ^b	9.57 ± 0.158 ^a	9.54 ± 0.213 ^a	9.51 ± 0.117 ^a
Number of Leaves	17.21 ± 0.042 ^b	20.92 ± 0.686 ^a	20.58 ± 0.289 ^a	20.88 ± 0.516 ^a
Dry Matter (%)	3.23 ± 0.0382 ^c	4.33 ± 0.0313 ^b	4.56 ± 0.0441 ^a	4.43 ± 0.0635 ^{ab}
Total Soluble Solids (%)	3.912 ± 0.093 ^a	4.564 ± 0.065 ^{ab}	4.35 ± 0.056 ^b	4.66 ± 0.03 ^c
N-Content (Leaf) (%)	1.849 ± 0.098 ^d	3.344 ± 0.138 ^c	4.661 ± 0.061 ^b	5.296 ± 0.156 ^a
N-Content (Fruit) (%)	3.127 ± 0.033 ^d	3.84 ± 0.064 ^c	4.187 ± 0.023 ^b	4.717 ± 0.109 ^a