

Table 2 Effect of watering regime on the vegetative biomass of two genotypes of *Solanum lycopersicum*

Biomass parameter (g)	Tomato genotype	Watering regime							
		T1	T2	T3	T4	T5	T6	T7	T8
Leaf fresh weight	H1	9.00±1.47 ^a	9.00±1.78 ^a	8.25±1.38 ^a	5.00±1.22 ^a	8.00±0.71 ^a	7.00±0.91 ^a	5.00±0.71 ^a	-
	H3	8.50±2.06 ^a	9.75±1.49 ^{ab}	13.75±1.93 ^{ab}	12.50±0.96 ^{ab}	12.50±1.32 ^{ab}	13.50±0.65 ^{ab}	16.75±2.10 ^b	-
Stem fresh weight	H1	15.43±0.22 ^c	15.28±0.62 ^c	13.85±0.67 ^{bc}	13.03±0.91 ^{bc}	12.23±0.34 ^{ab}	11.63±0.36 ^{ab}	10.38±0.27 ^a	-
	H3	17.05±0.13 ^d	17.43±0.38 ^d	16.95±0.13 ^d	16.35±0.21 ^{cd}	15.75±0.17 ^{bc}	14.78±0.11 ^{ab}	13.88±0.37 ^a	-
Root fresh weight	H1	5.00±0.41 ^a	4.75±0.48 ^a	3.75±0.48 ^a	3.75±0.48 ^a	4.25±0.63 ^a	4.00±0.58 ^a	4.00±0.41 ^a	-
	H3	4.75±0.48 ^{ab}	3.75±0.48 ^a	5.50±0.65 ^{abc}	4.75±0.75 ^{ab}	7.25±0.48 ^{bc}	6.67±0.88 ^{bc}	7.75±0.48 ^c	-
Leaf dry weight	H1	5.51±1.74 ^a	5.55±1.42 ^a	3.75±1.85 ^a	2.16±0.85 ^a	6.60±2.92 ^a	2.04±0.79 ^a	1.14±0.29 ^a	-
	H3	5.86±1.69 ^a	5.98±2.23 ^a	7.29±2.05 ^a	8.34±0.60 ^a	8.43±0.78 ^a	9.29±0.96 ^a	10.48±1.09 ^a	-
Stem dry weight	H1	9.13±0.43 ^b	8.88±0.34 ^b	7.45±0.59 ^b	7.45±0.31 ^b	5.58±0.21 ^a	5.03±0.43 ^a	4.53±0.28 ^a	-
	H3	10.03±0.41 ^d	9.15±0.46 ^{cd}	8.25±0.37 ^{bc}	7.20±0.35 ^{ab}	7.03±0.41 ^{ab}	6.48±0.41 ^a	5.70±0.20 ^a	-
Root dry weight	H1	0.81±0.19 ^a	1.75±0.41 ^a	0.97±0.29 ^a	0.73±0.28 ^a	1.05±0.06 ^a	0.83±0.27 ^a	0.74±0.17 ^a	-
	H3	2.64±0.27 ^{ab}	1.18±0.39 ^a	2.80±0.77 ^{ab}	2.56±0.60 ^a	1.82±0.38 ^a	3.10±0.36 ^{ab}	4.92±0.42 ^b	-
Total biomass	H1	15.24±2.21 ^{ab}	18.58±2.0 ^b	12.80±1.52 ^a	13.63±1.16 ^a	13.71±1.69 ^a	12.90±0.71 ^a	13.03±0.91 ^a	-
	H3	13.43±0.72 ^a	11.92±0.77 ^a	17.65±0.88 ^{ab}	15.57±0.97 ^{ab}	18.38±0.93 ^b	15.71±0.47 ^a	16.35±0.21 ^{ab}	-

Note: Each value is a mean ± S.E. of 5 replicates. For each value, means with the same letter(s) in superscript on the same row are not significantly different at $P \geq 0.05$ (Tukey HSD test). T1: watering twice daily; T2: watering once daily; T3: watering every two days; T4: watering every three days; T5: watering every four days; T6: watering every five days; T7: watering every six days; T8: continuous waterlogging; H1: Hortitum 1 genotype; H3: Hortitum 3 genotype