

Table 3 Effect of watering regime on the phenological and yield parameters of two genotypes of *Solanum lycopersicum*

Growth parameters	Tomato genotype	Watering regime							
		T1	T2	T3	T4	T5	T6	T7	T8
Number of days to first flowering	H1	39.75±0.32 ^a	40.00±0.20 ^a	43.75±1.80 ^{ab}	45.75±1.65 ^{ab}	52.00±2.35 ^{bc}	60.00±2.80 ^{cd}	65.00±2.42 ^d	-
	H3	47.50±0.65 ^a	51.50±0.65 ^b	55.50±0.65 ^c	59.50±0.65 ^d	63.50±0.65 ^e	67.50±0.65 ^f	71.50±0.65 ^g	-
Number of fruit	H1	6.50±0.20 ^a	6.50±0.20 ^a	5.75±0.14 ^a	6.00±0.20 ^a	6.00±0.20 ^a	5.63±0.13 ^a	5.63±0.24 ^a	-
	H3	5.50±0.65 ^{ab}	4.50±0.65 ^{ab}	3.50±0.65 ^{ab}	6.00±0.41 ^b	3.00±0.41 ^a	5.50±0.65 ^{ab}	4.50±0.65 ^{ab}	-
Fruit fresh weight (g)	H1	5.25±0.32 ^a	5.00±0.20 ^a	4.00±0.46 ^a	4.00±0.41 ^a	4.25±0.63 ^a	3.75±0.63 ^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}	6.50±0.65 ^{bc}	7.75±0.48 ^c	-
Fruit dry weight (g)	H1	0.81±0.19 ^a	1.75±0.41 ^a	0.97±0.29 ^a	0.66±0.30 ^a	1.05±0.06 ^a	0.85±0.19 ^a	0.74±0.17 ^a	-
	H3	2.64±0.28 ^{ab}	1.68±0.65 ^a	2.80±0.77 ^{ab}	2.55±0.60 ^a	1.81±0.39 ^a	2.93±0.28 ^{ab}	4.92±0.42 ^b	-
Fruit length (cm)	H1	16.25±0.32 ^a	18.00±0.20 ^{bc}	17.50±0.20 ^b	18.50±0.20 ^{cd}	19.25±0.14 ^{de}	19.50±0.20 ^e	19.25±0.14 ^{de}	-
	H3	42.35±0.65 ^g	38.35±0.65 ^f	34.35±0.65 ^e	30.35±0.65 ^d	26.35±0.65 ^c	22.35±0.65 ^b	18.35±0.65 ^a	-
Fruit breadth (cm)	H1	18.18±0.38 ^a	20.00±0.20 ^b	19.50±0.20 ^b	20.50±0.20 ^b	21.38±0.24 ^{bc}	21.50±0.20 ^{cd}	21.88±0.13 ^d	-
	H3	75.28±0.65 ^g	71.28±0.65 ^f	67.28±0.65 ^e	63.28±0.65 ^d	59.28±0.65 ^c	55.28±0.65 ^b	51.28±0.65 ^a	-

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: Hortitom 1 genotype; H3: Hortitom 3 genotype