

Supplementary Table S1: Mean performance for agronomic traits of tomato accessions and the checks evaluated

Accession	Number of branches	Number of days to flowering (days)	Number of days to maturity (days)	Fruit length (cm)	Fruit width (cm)	Number of flower per cluster	Number of fruits per cluster	Plant height (cm)	Number of days to first harvest (days)	Number of fruits per plot	Fruit weight per plot (kg)
NHTO-0199	8.7ab	33.7de	67.7b	2.7cdefg	2.9abcd	4.0abc	4.3b	78.7ab	70.0b	92.0c	6.5a
NHTO-0239	7.7ab	36.0cde	81.7ab	2.4defg	2.9abcd	3.7abc	6.0ab	45.0b	81.7ab	35.1c	2.0bc
NHTO-0259	9.7ab	34.0cde	67.3b	1.7fg	1.8def	7.0a	7.3ab	93.7a	68.3b	476.0a	2.5abc
NHTO-0264	5.0ab	40.4abcde	68.7b	2.6defg	2.8bcd	4.0abc	5.7ab	50.7ab	70.0b	38.0c	3.2abc
NHTO-0340	6.0ab	36.0cde	69.3b	2.7cdefg	3.1abcd	5.3abc	7.0ab	57.0ab	70.0b	56.9c	5.6ab
NHTO-0342	7.4ab	45.7abcde	86.3ab	3.4bcde	3.7ab	3.0bc	5.3ab	43.0b	86.3ab	38.2c	1.8bc
NHTO-0346	7.4ab	38.0abcde	73.3ab	2.7cdefg	3.2abc	4.0abc	5.7ab	46.3b	74.0b	159.8c	2.8abc
NHTO-0350	7.4ab	36.0.cde	65.3b	2.6defg	2.9abcd	4.0abc	5.0ab	72.0ab	68.3b	65.7c	3.3abc
NHTO-0351	3.7b	37.0bcde	67.7b	2.4defg	2.8bcd	3.3abc	4.7ab	57.3ab	70.0b	71.1c	2.3abc
NHTO-0352	7.4ab	36.7bcde	67.0b	2.5defg	2.8bcd	3.7abc	4.7ab	72.3ab	68.3b	80.5c	4.2abc
NHTO-0353	11.0ab	35.4cde	70.0b	2.7cdefg	3.0abcd	4.3abc	6.3ab	79.0ab	70.0b	82.4c	4.3abc
NHTO-0368	8.7ab	36.7bcde	73.7ab	5.8a	2.4cdef	3.0bc	4.7ab	71.7ab	74.0b	53.9c	3.0abc
NHTO-0388	6.4ab	38.7abcde	72.7ab	2.2defg	2.8bcd	5.0abc	5.7ab	67.7ab	73.0b	76.6c	3.0abc
NHTO-0389	12.7ab	30.0e	68.3b	1.9efg	2.4cdef	4.7abc	6.0ab	77.7ab	69.7b	91.3c	0.7c
NHTO-0390	8.7ab	34.0cde	69.3b	2.2defg	2.6bcde	4.3abc	5.0ab	64.3ab	70.0b	62.4c	3.7abc
NHTO-0400	9.4ab	37.4bcde	67.7b	3.0cdef	2.7bcd	3.7abc	5.3ab	79.7ab	70.0b	56.5c	2.9abc
NHTO-0568	5.0ab	35.0cde	73.0ab	3.4bcde	4.1a	2.7c	4.0b	34.3b	73.0b	10.3c	1.2bc
NHTO-0569	4.0b	55.4a	97.3a	2.8cdefg	3.3abc	2.7c	4.3b	42.7b	97.3a	14.8c	0.3c
NHTO-0570	5.0ab	42abcde	86.0ab	3.6bcd	3.1abcd	2.0c	4.0b	53.0ab	86.0ab	22.5c	0.9c
NHTO-0571	10.0ab	38.4abcde	76.3ab	1.4fg	1.4ef	4.3abc	6.7ab	72.7ab	78.0ab	220.2bc	0.3c
NHTO-0572	13.3a	35.0cde	69.3b	1.2g	1.3f	6.7ab	8.3a	67.3ab	70.0b	413.2ab	0.8c
NHTO-0573	6.4ab	53.7ab	87.7ab	4.3abc	3.8ab	5.7abc	4.7ab	43.0b	87.7ab	11.9c	0.5c
NHTO-0574	9.4ab	51.4abc	98.0a	3.7bcd	3.7ab	2.3c	5.0ab	39.7b	84.0ab	15.0c	0.3c
LC CHK-H	8.0ab	42.4abcde	75.7ab	5.1ab	2.6bcdef	4.0abc	4.0b	59.7ab	76.0b	31.5c	2.0bc
LC CHK-Y	8.4ab	47.7abcd	76.7ab	5.8a	2.8bcd	3.3abc	5.3ab	63.7ab	76.7b	44.2c	4.1abc
Mean	7.84	39.44	75.04	2.98	2.84	4.03	5.4	61.28	75.29	92.8	2.48

All pairwise comparisons were performed using Tukey's honestly significant difference test at $p < 0.05$. Columns with dissimilar letters are statistically different, whereas columns sharing the same letter are statistically similar.