

Supplementary Table S1. Parameters in four experiments

Analysis Columns	N	Mean	Min	Max	Range	SD	CV	Exp
Number of fruits on base cluster	90	3.8	1.5	5.8	4.3	0.96	24.88	Expt.2017
Plant height (cm)	90	68.2	55.1	80.1	25.0	6.60	9.67	
Stem diameter (mm)	90	11.2	7.2	15.5	8.3	2.07	18.48	
Vitamin C (mg/100g)	54	27.5	22.0	31.6	9.6	2.49	9.05	Expt.2018a
Soluble solids (%)	54	7.0	6.0	8.7	2.7	0.56	7.95	
Total soluble sugar content (mg/g)	54	49.7	39.0	57.6	18.7	5.33	10.74	
Nitrate content (mg/kg)	54	100.6	65.4	127.7	62.3	15.79	15.70	
Fruit yield (kg/667m ²)	72	5029.1	2869.3	7768.9	4899.6	1615.80	32.13	Expt.2018b
Single fruit weight (g)	72	15.5	9.9	19.1	9.2	1.95	12.63	
Number of fruits per cluster	72	19.9	9.1	31.6	22.5	6.49	32.56	
Number of fruit cluster	72	7.6	5.8	8.8	3.0	0.75	9.89	
Fruit cracking rate (%)	72	1.5	0.0	12.9	12.9	2.61	178.85	
Vitamin C (mg/100g)	36	18.9	11.9	21.9	10.0	2.13	11.32	Expt.2019
Fruit yield (kg/667m ²)	36	6278.0	5632.0	6797.4	1165.4	379.16	6.04	
Soluble solids (%)	36	6.0	5.0	7.0	2.0	0.47	7.83	
Total soluble sugar content (mg/g)	36	40.2	34.6	47.3	12.8	4.28	10.65	
Nitrate content (mg/kg)	36	405.2	305.7	789.6	484.0	126.92	31.33	

1

2