Supplementary Table S2. Correlation coefficients of traits in four experiments.

Correlation (r-value)	Number of fruits on base cluster	Plant height	Stem diameter			
Number of fruits on base cluster						Expt.2017
Plant height	0.31**					
Stem diameter	0.52**	-0.03NS				
Correlation (r-value)	Vitamin C	Soluble solids	Total soluble sugar content	Nitrate content		
Vitamin C						Expt.2018a
Soluble solids	0.55**					
Total soluble sugar content	0.85**	0.62**				
Nitrate content	-0.46**	-0.51**	-0.66**			
Correlation (r-value)	Fruit yield	Single fruit weight	Number of fruits per cluster	Number of fruit cluster	Fruit cracking rate	
Fruit yield						Expt.2018b
Single fruit weight	0.20NS					
Number of fruits per cluster	0.86**	-0.19NS				
Number of fruit cluster	0.31**	0.46**	0.13NS			
Fruit cracking rate	-0.02NS	-0.51**	0.31**	-0.56**		
Correlation (r-value)	Vitamin C	Fruit yield	Soluble solids	Total soluble sugar content	Nitrate content	
Vitamin C						Expt.2019
Fruit yield	0.43**					
Soluble solids	0.41*	0.48**				
Total soluble sugar content	0.41*	0.83**	0.80**			
Nitrate content	-0.24NS	-0.16NS	-0.73**	-0.60**		

3 "**" signifies the significant difference at P-value = 0.01 level; "*"signifies the significance at P-value = 0.05 level; and "NS" is non significant
4 difference,