

**Supplementary Table S1.** Phenotypical properties of nectarines ‘Andes Nec-2’ and ‘Andes Nec-3’ varieties

Stage	Variety	Weight (g)	I <sub>AD</sub>	TSS %	Firmness (N)	Juice %
S1	Andes Nec-2	269.1	0.77	14.43	62.27	–
	Andes Nec-3	207.6	0.69	13.33	59.68	–
S2	Andes Nec-2	–	–	–	8.97	39.44
	Andes Nec-3	–	–	–	8.53	45.46
S3	Andes Nec-2	–	–	–	59.68	–
	Andes Nec-3	–	–	–	55.04	–
S4	Andes Nec-2	–	–	–	7.47	27.72*
	Andes Nec-3	–	–	–	6.54	50.69

Data were analyzed by t-test (\* $P < 0.05$ ;  $n = 9$ )