Table S5 Regression analysis results between principal component scores (PC1 and PC2) and water irrigation during phenological periods, fruit yield and adjusted temperature of the studied experimental site

Variables	Regression parameters	PC1[a]	PC2[a]
Total irrigation water amount	R^2	0.922	0.067
	P-value	0.002	0.550
	Relationship	-	n.s.
	Estimates	-0.076	0.003
	Standard error	0.012	0.004
Water amount during SP1[b]	R^2	0.860	0.025
	P-value	0.002	0.737
	Relationship	-	n.s.
	Estimates	-0.222	0.007
	Standard error	0.038	0.021
Water amount during SP2[b]	R^2	0.860	0.026
	P-value	0.002	0.730
	Relationship	-	n.s.
	Estimates	-0.181	0.006
	Standard error	0.031	0.017
Water amount during NP[b]	R^2	0.371	0.007
	P-value	0.005	0.756
	Relationship	-	n.s.
	Estimates	-0.135	0.003
	Standard error	0.028	0.011
Fruit yield	R^2	0.824	0.039
	P-value	0.001	0.482
	Relationship	-	n.s.
	Estimates	-0.108	0.005
	Standard error	0.016	0.007
Adjusted temperature index (AT)	R^2	0.852	0.048
	P-value	0.002	0.653
	Relationship	+	n.s.
	Estimates	1.443	-0.055
	Standard error	0.248	0.117

[a] PCA scores were retrieved from the PCA analysis on the studied leaf traits (See Table S3). [b] see Table S1 for periods description. SP: sensitive period. NP: non-sensitive period. n.s.: non-significant relationship. Bold values reflect significant relationship.