

Table S1. Single crop coefficients Kc for peach tree.

K _c ini	K _c mid	K _c end
0.55	0.90	0.65

Table S2. Effects of deficit irrigation DI and PRD₅₀ on the skin color of peach fruit under different irrigation treatments (FI, DI and PRD₅₀). Different letters refer to significant differences tested by Duncan's multiple range test (P<0.05).

Irrigation Treatments	L*	a*	b*	CI
FI	52.45±1.11a	23.01±7.01a	33.17± 2.35a	13.22± 4.30a
DI	52.47±1.77a	23.41±4.41a	30.71±10.45a	14.52±18.63a
PRD ₅₀	51.62±4.39a	22.64±6.87a	33.64±5.72a	13.05± 5.37a

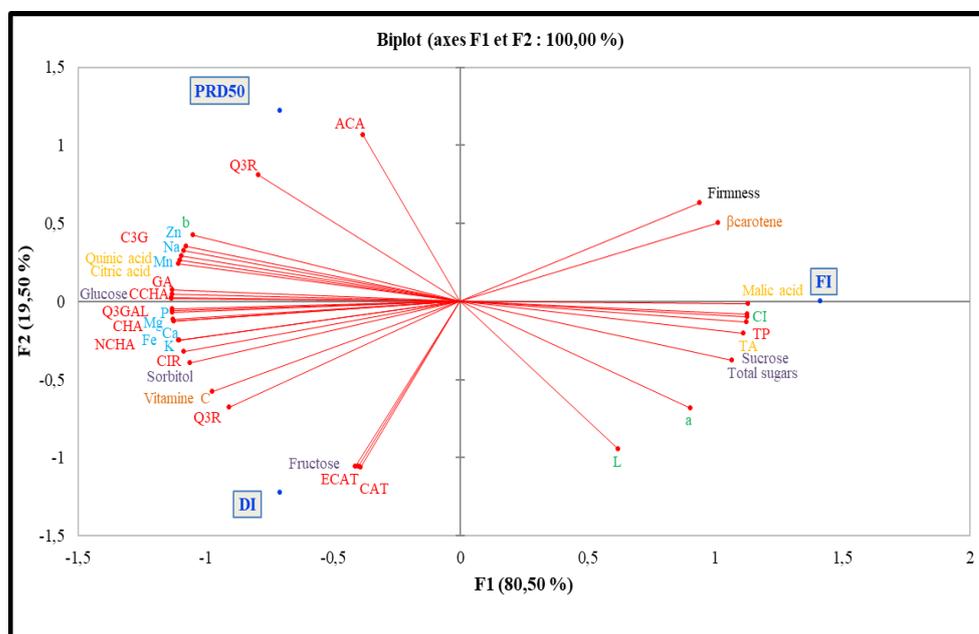


Figure S1. Principal component analysis for the quality traits evaluated on the Flordastar peach irrigated with three irrigation strategies (FI, DI and PRD₅₀). Analysis was performed using mean data of the 2016 growing season.