

Supplementary Materials: Orchard Floor Management Affects Tree Functionality, Productivity and Water Consumption of a Late Ripening Peach Orchard under Semi-Arid Conditions

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3.3.1. Season 2015

At 55 DAFB, when water supply differentiation was not established yet, cumulative photoassimilation (ΣPn), transpiration (ΣTr) and the integral water stress (S_{Ψ}) were similar among the four treatments (Figure 4; Table S1).

Table S1. Anova results for Cumulative leaf net photosynthesis (ΣPn), transpiration (ΣTr) and water stress integral (S_{Ψ}) calculated in each day of measurement in 2015 and 2016. For each variable, within the same date the asterisk indicates $p < 0.05$.

YEAR	DAFB	ANOVA	ΣPn	ΣTr	S_{Ψ}
2015	55	<i>F-value</i>	0.67	0.69	2.09
		<i>p-value</i>	0.589	0.578	0.159
	86	<i>F-value</i>	2.71	2.15	5.33
		<i>p-value</i>	0.125	0.182	0.031
	87	<i>F-value</i>	4.09	4.43	6.63
		<i>p-value</i>	0.049*	0.041*	0.015*
	88	<i>F-value</i>	4.07	5.14	9.12
		<i>p-value</i>	0.044*	0.024*	0.004*
	120	<i>F-value</i>	4.31	4.67	11.93
		<i>p-value</i>	0.034*	0.031*	0.002*
2016	92	<i>F-value</i>	1.82	0.80	3.57
		<i>p-value</i>	0.200	0.520	0.051
	107	<i>F-value</i>	1.53	1.30	5.78
		<i>p-value</i>	0.262	0.323	0.013*
	124	<i>F-value</i>	16.57	21.56	37.82
		<i>p-value</i>	<0.001*	<0.001*	<0.001*
	135	<i>F-value</i>	7.74	7.87	5.91
		<i>p-value</i>	0.005*	0.004*	0.012*
	163	<i>F-value</i>	19.67	16.10	20.73
		<i>p-value</i>	<0.001*	<0.001*	<0.001*