Effect of Different Substrates, and Irrigation with Water with Different Saline Concentrations, on the Development of Tomato Fungal Diseases in an Almería-Type Greenhouse

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Table S1. Percentage of infection of Fusarium crown and root rot in different moment of the trial.

Treatment	Fusarium crown and root rot (*Fusarium oxysporum* f. sp. *radicis-lycopersici*)		
	30/01/2021	13/02/2021	14/03/2021
T1-S	1.30 ± 2.41 [a]	2.00 ± 3.00 [a]	8.67 ± 3.21 [a]
T2-S	0.67 ± 2.41 [a]	2.00 ± 3.00 [a]	6.00 ± 3.21 [a]
T3-S	2.67 ± 2.41 [a]	5.33 ± 3.00 [a]	11.33 ± 3.21 [a]
T1-H	22.00 ± 2.41 [c]	40.67 ± 3.00 [b]	63.33 ± 3.21 [b]
T2-H	15.67 ± 2.41 [b]	36.67 ± 3.00 [b]	64.67 ± 3.21 [b]
T3-H	22.67 ± 2.41 [c]	41.33 ± 3.00 [b]	66.67 ± 3.21 [b]

T1-S, 0.6 dS m^{-1} CE irrigation water + 1.6 dS m^{-1} CE fertilization in typical soil substrate "enarenado"; T2-S, 1 dS m^{-1} CE irrigation water + 1 dS m^{-1} CE fertilization in typical soil substrate "enarenado"; T3-S, 3 dS m^{-1} CE irrigation water + 0.5 dS m^{-1} CE fertilization in typical soil substrate "enarenado"; T1-H, 0.6 dS m^{-1} CE irrigation water + 1.6 dS m^{-1} CE fertilization in coconut fiber substrate;. T2-H, 1 dS m^{-1} CE irrigation water + 1 dS m^{-1} CE fertilization in coconut fiber substrate; T3-H, 3 dS m^{-1} CE irrigation water + 0.5 dS m^{-1} CE fertilization in coconut fiber substrate. Values with different letters in the same column show statistically significant differences with a confidence level of 95.0% (p-value ≤ 0.05).

Table S2. Percentage of infection of Powdery mildew in different moment of the trial.

Treatment	Powdery mildew (*Leveillula taurica*)		
	30/01/2021	01/03/2021	14/03/2021
T1-S	20.69 ± 2.39 [bc]	10.25 ± 0.99 [b]	21.27 ± 1.84 [b]
T2-S	20.11 ± 2.39 [ab]	7.04 ± 0.99 [a]	14.14 ± 1.84 [a]
T3-S	14.01 ± 2.39 [a]	7.40 ± 0.99 [a]	11.79 ± 1.84 [a]
T1-H	27.09 ± 2.39 [cd]	8.63 ± 0.99 [ab]	22.42 ± 1.84 [b]
T2-H	29.24 ± 2.39 [d]	14.55 ± 0.99 [c]	28.25 ± 1.84 [c]
T3-H	31.22 ± 2.39 [d]	13.15 ± 0.99 [c]	25.07 ± 1.84 [bc]

T1-S, 0.6 dS m^{-1} CE irrigation water + 1.6 dS m^{-1} CE fertilization in typical soil substrate "*enarenado*"; T2-S, 1 dS m^{-1} CE irrigation water + 1 dS m^{-1} CE fertilization in typical soil substrate "*enarenado*"; T3-S, 3 dS m^{-1} CE irrigation water + 0.5 dS m^{-1} CE fertilization in typical soil sub-strate "*enarenado*"; T1-H, 0.6 dS m^{-1} CE irrigation water + 1.6 dS m^{-1} CE fertilization in coconut fiber substrate;. T2-H, 1 dS m^{-1} CE irrigation water + 1 dS m^{-1} CE fertilization in coconut fiber substrate; T3-H, 3 dS m^{-1} CE irrigation water + 0.5 dS m^{-1} CE fertilization in coconut fiber substrate. Values with different letters in the same column show statistically significant differences with a confidence level of 95.0% (p-value ≤ 0.05).

Table S3. Percentage of no marketable yield in harvest moments.

Greenhouse	Production no marketable (%)				
Irrigation	13/01/2021	08/02/2021	18/02/2021	09/03/2021	Total
T1-S	6.8 ± 2.6 [a]	6.8 ± 4.3 [a]	28.9 ± 9.3 [ab]	14.4 ± 13.6 [a]	23.2 ± 2.6 [a]
T2-S	10.9 ± 2.6 [ab]	35.1 ± 4.3 [b]	22.5 ± 9.3 [ab]	23.6 ± 13.6 [ab]	24.6 ± 2.6 [ab]
T3-S	12.6 ± 2.6 [ab]	23.3 ± 4.3 [b]	26.0 ± 9.3 [ab]	25.2 ± 13.6 [ab]	21.2 ± 2.6 [a]
T1-H	21.7 ± 2.6 [c]	35.5 ± 4.3 [b]	46.2 ± 9.3 [b]	36.2 ± 13.6 [ab]	32.5 ± 2.6 [b]
T2-H	10.6 ± 2.6 [ab]	32.5 ± 4.3 [b]	28.1 ± 9.3 [ab]	60.4 ± 13.6 [bc]	28.8 ± 2.6 [ab]
T3-H	15.9 ± 2.6 [bc]	23.9 ± 4.3 [b]	14.4 ± 9.3 [a]	96.2 ± 13.6 [c]	21.4 ± 2.6 [a]

T1-S, 0.6 dS m^{-1} CE irrigation water + 1.6 dS m^{-1} CE fertilization in typical soil substrate "*enarenado*"; T2-S, 1 dS m^{-1} CE irrigation water + 1 dS m^{-1} CE fertilization in typical soil substrate "*enarenado*"; T3-S, 3 dS m^{-1} CE irrigation water + 0.5 dS m^{-1} CE fertilization in typical soil substrate "*enarenado*"; T1-H, 0.6 dS m^{-1} CE irrigation water + 1.6 dS m^{-1} CE fertilization in coconut fiber substrate;. T2-H, 1 dS m^{-1} CE irrigation water + 1 dS m^{-1} CE fertilization in coconut fiber substrate; T3-H, 3 dS m^{-1} CE irrigation water + 0.5 dS m^{-1} CE fertilization in coconut fiber substrate. Values with different letters in the same column show statistically significant differences with a confidence level of 95.0% (p-value ≤ 0.05).

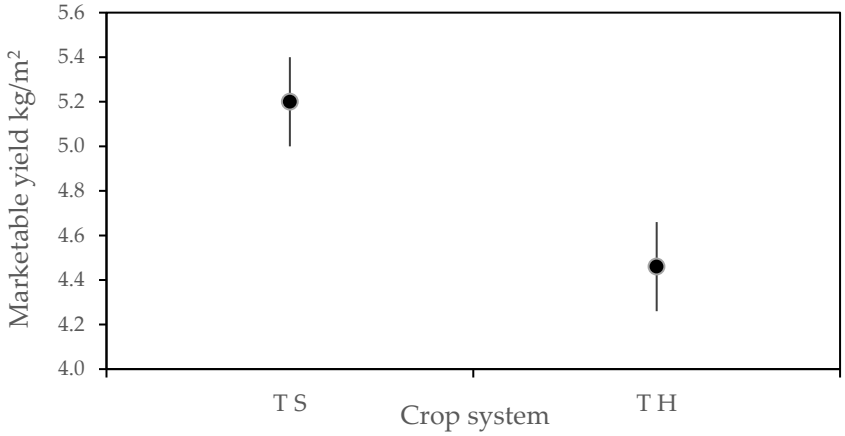

Figure S1. Comparison of the total marketable yield means and 95% percent LSD differences for Coconut Substrate treatment (TH) grouping all the treatments and Soil treatment (TS) grouping all the treatments.

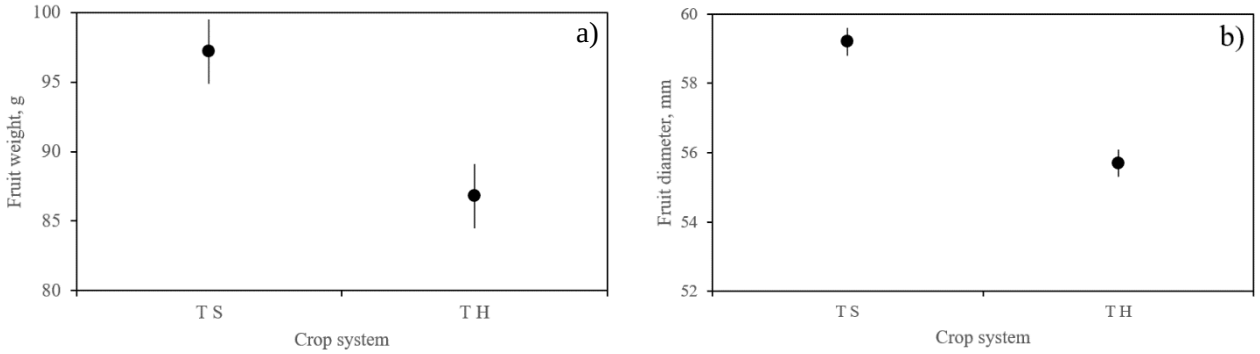

Figure S2. Comparison of the Fruit weight (a) and diameter (b) means and 95% percent LSD differences for Coconut Substrate treatment (TH) and Soil treatment (TS).