

**Table S1.** Correlations coefficients and (*p*-values) between compost, fertilizer and treated wastewater (TWW) with tomato attributes.

	Compost		Fertilizer		TWW	
	<i>r</i>	<i>p</i>	<i>r</i>	<i>p</i>	<i>r</i>	<i>p</i>
Compost	1					
Fertilizer	-0.021	0.483	1			
TWW	-0.030	0.317	-0.027	0.372	1	
Plant height	-0.046	0.621	<b>0.435</b> **	0.000	0.173	0.058
Leaf Number	0.129	0.159	<b>0.403</b> **	0.000	<b>0.481</b> **	0.000
Flower Number	0.016	0.865	<b>0.476</b> **	0.000	<b>0.285</b> **	0.002
Stem diameter	<b>0.272</b> **	0.003	0.124	0.176	0.085	0.354
Plant upper biomass	<b>0.413</b> **	0.000	<b>0.406</b> **	0.000	<b>0.486</b> **	0.000
Plant dry matter	-0.130	0.158	<b>-0.198</b> *	0.03	<b>-0.566</b> **	0.000
Chlorophyll fluorescence	<b>-0.319</b> **	0.001	-0.003	0.979	-0.030	0.753
Photosynthetic rates	<b>-0.247</b> **	0.007	<b>0.355</b> **	0.000	0.122	0.186
Stomata conductance	<b>-0.280</b> **	0.002	0.141	0.125	0.078	0.401
Internal CO <sub>2</sub> concentration	<b>-0.465</b> **	0.000	-0.035	0.707	<b>-0.238</b> **	0.009
Leaf P content	-0.112	0.396	0.042	0.753	<b>0.432</b> **	0.001
Leaf K content	<b>0.765</b> **	0.000	0.172	0.188	-0.197	0.132
Leaf Na content	<b>0.455</b> **	0.000	0.029	0.824	<b>0.731</b> **	0.000
Leaf N content	<b>0.711</b> **	0.000	0.218	0.094	-0.211	0.105
Yield	-0.033	0.673	<b>0.333</b> **	0.000	-0.011	0.892
Fruit Number	<b>0.202</b> *	0.010	<b>0.313</b> **	0.000	-0.01	0.897
Fruit fresh weight	<b>-0.355</b> **	0.000	0.022	0.778	-0.001	0.989
Fruit size (length)	<b>-0.211</b> **	0.000	0.015	0.701	-0.025	0.506
Fruit size (diameter)	<b>-0.285</b> **	0.000	-0.034	0.388	-0.075	0.053
Fruit marketability	<b>0.306</b> **	0.000	0.008	0.830	-0.032	0.415
Fruit BER	0.156	0.062	-0.004	0.966	0.142	0.090
Fruit color <i>L</i> *	-0.033	0.548	0.052	0.334	<b>-0.123</b> *	0.022
Fruit color <i>a</i> *	<b>0.127</b> *	0.019	0.073	0.177	<b>0.163</b> **	0.002
Fruit color <i>b</i> *	-0.086	0.111	0.081	0.134	-0.105	0.053
Fruit chroma	0.042	0.436	0.105	0.053	0.036	0.503
Fruit HUE	-0.049	0.368	0.045	0.411	-0.073	0.179
Fruit WI	-0.071	0.188	-0.013	0.813	0.070	0.196
Fruit CI	<b>0.125</b> *	0.021	-0.013	0.811	<b>0.240</b> **	0.000
Fruit firmness	<b>0.373</b> **	0.000	0.061	0.564	0.185	0.077
Fruit pH	0.197	0.131	-0.120	0.362	0.017	0.898
Fruit EC	<b>0.293</b> *	0.023	0.088	0.506	<b>0.613</b> **	0.000
Fruit TSS	<b>0.558</b> **	0.000	0.001	0.994	<b>0.513</b> **	0.000
Fruit TA	<b>0.309</b> *	0.018	-0.108	0.418	0.110	0.412
Fruit ripening	0.244	0.064	0.063	0.640	<b>0.412</b> **	0.001
Fruit ascorbic acid	0.123	0.289	-0.169	0.192	<b>0.416</b> **	0.001
Fruit phenols	0.139	0.296	-0.175	0.189	<b>0.432</b> **	0.001

Statistically significant correlations are shown in bold (\* for  $p < 0.05$ , \*\* for  $p < 0.01$ ).