

Supplementary Tables

Table 1. Macro- and micronutrients concentrations in roots and shoots of tomato (*Solanum lycopersicum* L.) plants grown in either a full nutrient solution supplied without or with plant-derived protein hydrolysate (C and CB, respectively) or a Fe-deficient nutrient solution supplied without or with plant-derived protein hydrolysate (F and FB, respectively). Data are reported as means $\pm$ SE (n = 3). Statistical significance was tested by one-way ANOVA analysis with Student-Newman-Keuls post hoc test. Different superscript letters indicate statistically different values within each column (*p < 0.05, **p < 0.01, ***p < 0.001), ns = not significant.

<i>Solanum lycopersicum</i> L. : roots										
	Ca ^{ns}	K ^{***}	Mg ^{***}	P ^{ns}	S ^{ns}	Cu ^{**}	Fe ^{***}	Mn ^{***}	Mo [*]	Zn ^{**}
	<i>mg g⁻¹</i>					<i>μg g⁻¹</i>				
C	5.15 $\pm$ 0.44	34.38 $\pm$ 2.36 ^a	5.08 $\pm$ 0.14 ^b	3.09 $\pm$ 0.09	5.60 $\pm$ 0.30	50.50 $\pm$ 1.81 ^{ab}	465.43 $\pm$ 20.44 ^b	173.72 $\pm$ 2.63 ^a	6.31 $\pm$ 0.48 ^a	103.08 $\pm$ 3.61 ^a
CB	5.25 $\pm$ 0.52	21.09 $\pm$ 2.79 ^b	4.91 $\pm$ 0.10 ^b	3.57 $\pm$ 0.20	4.83 $\pm$ 0.47	48.63 $\pm$ 5.55 ^{ab}	639.43 $\pm$ 40.84 ^a	172.74 $\pm$ 29.9 ^a	4.75 $\pm$ 0.26 ^{ab}	67.69 $\pm$ 3.14 ^b
F	4.56 $\pm$ 0.41	24.46 $\pm$ 0.65 ^b	7.21 $\pm$ 0.37 ^a	3.23 $\pm$ 0.30	4.27 $\pm$ 0.23	62.02 $\pm$ 3.32 ^a	87.58 $\pm$ 4.33 ^c	30.03 $\pm$ 2.78 ^b	6.03 $\pm$ 0.66 ^a	109.15 $\pm$ 5.30 ^a
FB	5.28 $\pm$ 0.14	11.63 $\pm$ 2.35 ^c	6.85 $\pm$ 0.18 ^a	3.00 $\pm$ 0.09	4.59 $\pm$ 0.45	37.16 $\pm$ 0.74 ^b	84.07 $\pm$ 1.53 ^c	17.43 $\pm$ 1.18 ^b	4.06 $\pm$ 0.29 ^b	99.74 $\pm$ 4.18 ^a
<i>Solanum lycopersicum</i> L. : shoots										
	Ca ^{ns}	K ^{***}	Mg [*]	P ^{ns}	S ^{ns}	Cu ^{**}	Fe ^{***}	Mn ^{**}	Mo ^{ns}	Zn ^{***}
	<i>mg g⁻¹</i>					<i>μg g⁻¹</i>				
C	24.01 $\pm$ 0.97	21.47 $\pm$ 1.46 ^a	4.45 $\pm$ 0.15 ^b	2.97 $\pm$ 0.11	4.34 $\pm$ 0.44	14.20 $\pm$ 0.35 ^{bc}	225.50 $\pm$ 1.28 ^a	40.08 $\pm$ 0.26 ^b	3.43 $\pm$ 0.26	36.36 $\pm$ 2.77 ^c
CB	24.60 $\pm$ 1.46	5.20 $\pm$ 0.40 ^b	4.18 $\pm$ 0.27 ^b	3.00 $\pm$ 0.10	3.80 $\pm$ 0.40	12.24 $\pm$ 1.36 ^c	114.50 $\pm$ 12.03 ^b	31.72 $\pm$ 1.91 ^b	3.05 $\pm$ 0.53	32.39 $\pm$ 1.90 ^c
F	27.90 $\pm$ 0.83	7.53 $\pm$ 0.40 ^b	5.47 $\pm$ 0.23 ^a	3.25 $\pm$ 0.16	4.29 $\pm$ 0.23	19.97 $\pm$ 1.71 ^a	58.49 $\pm$ 4.12 ^c	51.60 $\pm$ 2.04 ^a	4.35 $\pm$ 0.20	73.49 $\pm$ 4.82 ^a
FB	27.62 $\pm$ 1.08	1.83 $\pm$ 0.17 ^c	5.17 $\pm$ 0.22 ^a	2.96 $\pm$ 0.15	4.59 $\pm$ 0.29	17.39 $\pm$ 0.66 ^a	105.37 $\pm$ 5.48 ^b	40.55 $\pm$ 4.40 ^b	3.73 $\pm$ 0.15	62.65 $\pm$ 2.26 ^b

Table 2. Macro- and micronutrients concentrations in roots and shoots of cucumber (*Cucumis sativus* L.) plants grown in either a full nutrient solution supplied without or with plant-derived protein hydrolysate (C and CB, respectively) or a Fe-deficient nutrient solution supplied without or with plant-derived protein hydrolysate (F and FB, respectively). Data are reported as means $\pm$ SE (n = 3). Statistical significance was tested by one-way ANOVA analysis with Student-Newman-Keuls post hoc test. Different superscript letters indicate statistically different values within each column (*p < 0.05, **p < 0.01, ***p < 0.001), ns = not significant.

<i>Cucumis sativus</i> L. : roots										
	Ca ^{ns}	K [*]	Mg ^{ns}	P [*]	S ^{***}	Cu ^{***}	Fe ^{***}	Mn ^{**}	Mo ^{ns}	Zn ^{**}
	<i>mg g⁻¹</i>					<i>μg g⁻¹</i>				
C	7.27 $\pm$ 0.48	35.80 $\pm$ 1.91 ^a	1.42 $\pm$ 0.09	3.47 $\pm$ 0.06 ^{ab}	5.37 $\pm$ 0.64 ^b	23.65 $\pm$ 1.52 ^c	695.44 $\pm$ 40.10 ^a	45.11 $\pm$ 3.09 ^a	4.54 $\pm$ 0.80	68.75 $\pm$ 0.89 ^b
CB	6.96 $\pm$ 0.18	26.69 $\pm$ 1.07 ^b	1.33 $\pm$ 0.08	2.93 $\pm$ 0.23 ^b	2.40 $\pm$ 0.19 ^c	31.10 $\pm$ 2.30 ^c	616.90 $\pm$ 23.03 ^a	36.24 $\pm$ 4.81 ^a	2.78 $\pm$ 0.16	93.94 $\pm$ 4.37 ^b
F	6.43 $\pm$ 0.31	24.10 $\pm$ 2.13 ^b	1.62 $\pm$ 0.18	4.56 $\pm$ 0.52 ^a	3.13 $\pm$ 0.24 ^c	67.62 $\pm$ 3.80 ^a	220.82 $\pm$ 2.04 ^b	22.29 $\pm$ 2.77 ^b	2.25 $\pm$ 0.37	224.00 $\pm$ 10.79 ^a
FB	7.11 $\pm$ 0.77	39.20 $\pm$ 2.74 ^a	1.19 $\pm$ 0.12	2.86 $\pm$ 0.42 ^b	10.86 $\pm$ 0.17 ^a	42.92 $\pm$ 3.78 ^b	245.76 $\pm$ 15.91 ^b	19.15 $\pm$ 1.32 ^b	4.42 $\pm$ 0.59	194.08 $\pm$ 35.25 ^a
<i>Cucumis sativus</i> L. : shoots										
	Ca ^{ns}	K ^{**}	Mg ^{ns}	P ^{ns}	S [*]	Cu ^{ns}	Fe ^{**}	Mn ^{**}	Mo ^{***}	Zn ^{***}
	<i>mg g⁻¹</i>					<i>μg g⁻¹</i>				
C	34.70 $\pm$ 0.47	6.91 $\pm$ 0.53 ^{ab}	3.98 $\pm$ 0.10	5.19 $\pm$ 0.16	3.95 $\pm$ 0.21 ^b	11.07 $\pm$ 0.73	187.23 $\pm$ 9.41 ^a	42.07 $\pm$ 1.69 ^b	2.22 $\pm$ 0.10 ^c	47.27 $\pm$ 2.46 ^b
CB	38.20 $\pm$ 1.81	4.44 $\pm$ 0.42 ^b	3.99 $\pm$ 0.13	5.02 $\pm$ 0.18	4.91 $\pm$ 0.27 ^a	11.76 $\pm$ 0.42	214.38 $\pm$ 32.57 ^a	42.23 $\pm$ 0.77 ^b	3.49 $\pm$ 0.27 ^b	49.88 $\pm$ 1.26 ^b
F	37.99 $\pm$ 1.26	8.32 $\pm$ 0.38 ^a	4.28 $\pm$ 0.07	5.97 $\pm$ 0.40	4.05 $\pm$ 0.19 ^b	10.44 $\pm$ 0.55	58.75 $\pm$ 3.14 ^c	52.95 $\pm$ 1.62 ^a	2.20 $\pm$ 0.11 ^c	64.37 $\pm$ 3.85 ^a
FB	37.16 $\pm$ 0.43	5.44 $\pm$ 0.51 ^b	4.09 $\pm$ 0.12	5.77 $\pm$ 0.04	4.08 $\pm$ 0.07 ^b	11.09 $\pm$ 0.41	121.67 $\pm$ 10.23 ^b	40.60 $\pm$ 1.23 ^b	4.39 $\pm$ 0.07 ^a	63.84 $\pm$ 0.17 ^a

Table 3. Sodium (Na) concentrations in roots and shoots of cucumber (*Cucumis sativus* L.) and tomato (*Solanum lycopersicum* L.) plants grown in either a full nutrient solution supplied without or with plant-derived protein hydrolysate (C and CB, respectively) or a Fe-deficient nutrient solution supplied without or with plant-derived protein hydrolysate (F and FB, respectively). Data are reported as means $\pm$ SE (n = 3). Statistical significance was tested by one-way ANOVA analysis with Student-Newman-Keuls post hoc test. Different superscript letters indicate statistically different values within each column (*p < 0.05, **p < 0.01, ***p < 0.001).

<i>Cucumis sativus</i> L. : roots		<i>Solanum lycopersicum</i> L. : roots	
	Na* <i>mg g⁻¹</i>		Na* <i>mg g⁻¹</i>
C	6.12 $\pm$ 0.50 ^a		5.08 $\pm$ 0.40 ^a
CB	4.20 $\pm$ 0.38 ^{ab}		3.12 $\pm$ 0.39 ^b
F	3.56 $\pm$ 0.53 ^b		3.97 $\pm$ 0.28 ^{ab}
FB	5.87 $\pm$ 0.56 ^a		2.79 $\pm$ 0.57 ^b
<i>Cucumis sativus</i> L. : shoots		<i>Solanum lycopersicum</i> L. : shoots	
	Na*** <i>mg g⁻¹</i>		Na** <i>mg g⁻¹</i>
C	0.75 $\pm$ 0.02 ^d		1.35 $\pm$ 0.04 ^a
CB	0.81 $\pm$ 0.01 ^c		1.14 $\pm$ 0.06 ^a
F	0.87 $\pm$ 0.01 ^b		1.36 $\pm$ 0.10 ^a
FB	0.93 $\pm$ 0.02 ^a		0.93 $\pm$ 0.02 ^b