

Supplementary Table S2: Ion composition and EC of the nutrient solutions used.

	Ion	Stage I ^a	Stage II ^b	Stage III ^c	Stage IV ^d
Macronutrients (mM)	NO ₃ ⁻	10.0	14.0	12.00	14.5
	NH ₄ ⁺	1.0	1.4	1.2	1.3
	PO ₄ ³⁻	1.5	1.5	1.5	1.5
	K ⁺	5.1	7.0	7.5	8.5
	Ca ²⁺	3.00	4.5	4.00	4.7
	Mg ²⁺	2.0	2.0	2.0	2.2
	SO ₄ ²⁻	1.8	2.5	3.1	3.7
	Cl ⁻	1.0	1.0	1.0	1.0
Micronutrients (μM)	Fe	35.0	45.0	45.0	45.0
	B	30.0	30.0	45.0	45.0
	Cu	1.0	1.0	1.0	1.0
	Zn	5.0	5.0	5.0	5.0
	Mn	10.0	10.0	10.0	10.0
	Mo	1.0	1.0	1.0	1.0
EC (mS cm ⁻¹)		1.8	2.3	2.4	2.4

^aused from the 13th of May 2017 to 18th of May 2017 at the start of the tomato plantation.

^bused from 19th of May 2017 to 7th of June 2017 to encourage vegetative growth in the tomato plants.

^cused from 8th of June 2017 to 25th of July 2018, the day of first fruit set.

^dused from the 26th of July 2018 to 30th of October 2017, the end of the experiment.