

Table S1. Required amounts of fertilizers for the preparation of stock solutions A and B for the two nutrient solution treatments.

EC _{2.5} N ₁₅			EC _{1.5} N ₅		
Target EC for the fertigation system	2.50	dS m ⁻¹	Target EC for the fertigation system	1.50	dS m ⁻¹
Target pH fertigation system	5.3		Target pH fertigation system	5.6	
Stock solution A	10	LITERS	Stock solution A	10	LITERS
Calcium nitrate	1.132	Kg	Calcium nitrate	0.480	Kg
Calcium chloride (48% Cl)	0.296	Kg	Calcium chloride (48% Cl)	0.296	Kg
Ammonium nitrate	0.029	Kg	Ammonium nitrate	0.000	Kg
Fe-EDDHA (6% Fe)	0.037	Kg	Fe-EDDHA (6% Fe)	0.037	Kg
Stock solution B	10	LITERS	Stock solution B	10	LITERS
Potassium nitrate	0.245	Kg	Potassium nitrate	0.000	Kg
Magnesium sulphate	0.387	Kg	Magnesium sulphate	0.227	Kg
Monopotassium phosphate	0.163	Kg	Monopotassium phosphate	0.163	Kg
Potassium sulphate	0.249	Kg	Potassium sulphate	0.226	Kg
Ammonium sulphate	0.000	Kg	Ammonium sulphate	0.004	Kg
Manganese sulphate	0.9	g	Manganese sulphate	0.9	g
Zinc sulphate	1.4	g	Zinc sulphate	1.4	g
Copper sulphate	0.2	g	Copper sulphate	0.2	g
Boric acid	2.5	g	Boric acid	2.5	g
Ammonium heptamolybdate	0.1	g	Ammonium heptamolybdate	0.1	g

The stock solutions A and B were designed with a dilution rate 1:100