

**Table S2.** Hoagland solution recipe with trace elements

Component	Stock Solution	mL Stock Solution/1 L	salts for Hoagland:
<b>Macro-nutrients</b>			
<b>2M KNO<sub>3</sub></b>	202 g/L	2,50	Potassium nitrate, KNO <sub>3</sub>
<b>2M Ca(NO<sub>3</sub>)<sub>2</sub>•4H<sub>2</sub>O</b>	236 g/0.5 L	2,50	Calcium nitrate tetrahydrate, Ca(NO <sub>3</sub> ) <sub>2</sub> •4H <sub>2</sub> O
<b>Iron (Sprint 138 iron chelate)</b>	15 g/L	1,50	Iron(III)-EDTA or Iron chelate, Fe-EDTA or Fe-EDDHA
<b>2M MgSO<sub>4</sub>•7H<sub>2</sub>O</b>	493 g/L	1,00	Magnesium sulfate heptahydrate, MgSO <sub>4</sub> •7H <sub>2</sub> O
<b>trace elements</b>			
<b>H<sub>3</sub>BO<sub>3</sub></b>	2.86 g/L	1,00	Boric acid, H <sub>3</sub> BO <sub>3</sub>
<b>MnCl<sub>2</sub>•4H<sub>2</sub>O</b>	1.81 g/L	1,00	Manganese chloride tetrahydrate, MnCl <sub>2</sub> •4H <sub>2</sub> O
<b>ZnSO<sub>4</sub>•7H<sub>2</sub>O</b>	0.22 g/L	1,00	Zinc sulfate heptahydrate, ZnSO <sub>4</sub> •7H <sub>2</sub> O
<b>CuSO<sub>4</sub>•5H<sub>2</sub>O</b>	0.08 g/L	1,00	Copper sulfate pentahydrate, CuSO <sub>4</sub> •5H <sub>2</sub> O
<b>H<sub>2</sub>MoO<sub>4</sub>•H<sub>2</sub>O or</b>	0.09 g/L	1,00	Molybdic acid monohydrate, H <sub>2</sub> MoO <sub>4</sub> •H <sub>2</sub> O or

<b>Na<sub>2</sub>MoO<sub>4</sub>•2H<sub>2</sub>O</b>	0.12 g/L	1,00	Sodium molybdate dihydrate, Na <sub>2</sub> MoO <sub>4</sub> •2H <sub>2</sub> O
<b>Phosphate (applied alone to the experimental pots)</b>			
<b>1M KH<sub>2</sub>PO<sub>4</sub> (pH to 6.0)</b>	136 g/L	1,00	Potassium Dihydrogen Phosphate, KH <sub>2</sub> PO <sub>4</sub> or Ammonium Dihydrogen Phosphate, (NH <sub>4</sub> )H <sub>2</sub> PO <sub>4</sub>