

**Supplementary Table 1** : Mineral composition of nutritional solution

	Solution 2 mM NO <sub>3</sub> - (mM)	Solution 10 mM NO <sub>3</sub> - (mM)
KH <sub>2</sub> PO <sub>4</sub>	<b>0.25</b>	<b>0.25</b>
MgSO <sub>4</sub>	<b>0.25</b>	<b>0.25</b>
KNO <sub>3</sub>	<b>1.75</b>	<b>5</b>
CaN <sub>2</sub> O <sub>6</sub>	<b>0.125</b>	<b>2.5</b>
CaCl <sub>2</sub>	<b>0.125</b>	<b>0</b>
NaCl	<b>0</b>	<b>0.2</b>
	μM	μM
(NH <sub>4</sub> ) <sub>6</sub> Mo <sub>7</sub> O <sub>24</sub>	<b>0.04</b>	<b>0.04</b>
H <sub>3</sub> BO <sub>3</sub>	<b>24.3</b>	<b>24.3</b>
MnSO <sub>4</sub>	<b>11.8</b>	<b>11.8</b>
ZnSO <sub>4</sub>	<b>3.48</b>	<b>3.48</b>
Sequestrene 138 FE 100 (Syngenta)	<b>0.001%</b>	<b>0.001%</b>