

**Supplemental Table S2.** 1/2 Hoagland nutrient solution contains 2.25 mM L<sup>-1</sup> of KNO<sub>3</sub>. The formulation of treatments is as follows.

Treatments	KNO <sub>3</sub> concentration in mM/L
Control	<b>0</b> ×2.25= <b>0</b>
T1	<b>1</b> ×2.25= <b>2.25</b>
T2	<b>4</b> ×2.25= <b>9</b>
T3	<b>8</b> ×2.25= <b>18</b>
T4	<b>16</b> ×2.25= <b>36</b>
T5	<b>32</b> ×2.25= <b>72</b>