**Table S1.** Formula table of Hoagland nutrient solution.

 (The solution was diluted 200 times for seedling cultivation)

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| --- | --- |
| Nutrient | Concentration (g/L) |
| KNO3 | 303 |
| CaCl2 | 110 |
| MgSO4·7H2O | 98 |
| KH2PO4 | 27 |
| Na2·EDTA | 7.45 |
| FeSO4·7H2O | 5.57 |
| H3BO3 | 14.3 |
| CuSO4·5H2O | 0.4 |
| H2MoO4·H2O | 0.45 |
| ZnSO4·7H2O | 1.10 |
| MnCl2·4H2O | 9.05 |
| KI | 0.415 |
| CoCl·6H2O | 0.0125 |