Table S1. Basal salts in the media used in this study

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Chemicals | SH (µM) | MH (µM) | E (µM) | N (µM) |
| NH4NO3 |  | 1000 |  |  |
| KNO3 | 12400 | 5000 | 15000 | 8000 |
| KH2PO4 |  | 1000 | 5000 | 150 |
| NH4H2PO4 | 1300 |  |  |  |
| MgSO4·7H2O | 800 | 2000 | 2000 | 1000 |
| Ca(NO3)2·4H2O |  | 4000 | 5000 | 1000 |
| CaCl2·2H2O | 680 |  |  |  |
| H3BO3 | 40 | 100 | 46 | 5 |
| MnCl2·4H2O |  |  | 18 | 13 |
| MnSO4·H2O | 30 | 100 |  |  |
| ZnSO4·7H2O | 1.74 | 30 | 0.8 |  |
| CuSO4·5H2O | 0.4 | 0.1 | 0.3 |  |
| H2MoSO4·H2O |  |  |  |  |
| Na2MoSO4·2H2O | 0.2 | 1 | 0.5 | 0.4 |
| KI | 3 | 5 |  |  |
| CoCl2·6H2O | 0.21 | 0.1 |  |  |
| FeSO4·7H2O |  | 100 |  |  |
| FeCl3·6H2O | 260 |  | 20 | 25 |
| Na2EDTA | 260 | 100 |  | 25 |
| EDTA |  |  | 30 |  |
| tartaric acid |  |  | 20 |  |
| pH |  | 5.7 | 4.6 | 5.5 |

Note. MH—Modified Hoagland medium (Hoagland and Arnon 1950)

E—E-medium (Cleland and Briggs 1967).

N medium (Appenroth et al. 1996).

SH medium (Schenk and Hildebrandt 1972).

*References:*

Appenroth K-J, Teller S, Horn M (1996) Photophysiology of turion formation and germination in *Spirodela polyrhiza*. Biologia Plantarum 38:95-106

Cleland CF, Briggs WR (1967) Flowering responses of the long-day plant *Lemna gibba* G3. Plant physiology 42 (11):1553-1561

Hoagland DR, Arnon DI (1950) The water-culture method for growing plants without soil. California Agricultural Experiment Station Circular 347:1-32

Schenk RU, Hildebrandt AC (1972) Medium and techniques for induction and growth of monocotyledonous and dicotyledonous plant cell cultures. Can J Bot 50:199-204