

Figure S1. Formulation of low Nitrogen nutrient solutions

Chemical Reagent	Mother Liquor (g/L)	Low Nitrogen added nutrition (ml/L) ¹
KNO ₃	102	0.3
MgSO ₄ ·7H ₂ O	98	5
KH ₂ PO ₄	28	5
Ca(NO ₃) ₂ ·4H ₂ O	236	0
FeSO ₄ ·7H ₂ O	2.799	5
EDTA-2Na	3.722	5
MnCl ₂ ·4H ₂ O	3.62	0.25
ZnSO ₄ ·7H ₂ O	0.44	0.25
CuSO ₄ ·5H ₂ O	0.16	0.25
H ₃ BO ₃	5.72	0.25
Na ₂ MoO ₄ ·4H ₂ O	0.18	0
CaCl ₂	111	4.5