

Table S1. Composition of the nutrient solution proposed by Hoagland and Arnon (1950).

Reagents	-Ca		+Ca	
	-Si	+Si	-Si	+Si
	mM			
KH ₂ PO ₄	0.600		0.600	
KNO ₃	3.000		3.000	
Ca (NO ₃) ₂ .4H ₂ O	-		3.000	
MgSO ₄ .7H ₂ O	1.200		1.200	
H ₃ BO ₃	0.0276		0.0276	
MnCl ₂ .2H ₂ O	0.0054		0.0054	
ZnSO ₄ .7H ₂ O	0.00045		0.00045	
CuCl ₂	0.00018		0.00018	
H ₂ MoO ₄ H ₂ O	0.000066		0.000066	
Fe-EDTA	0.11206		0.11206	