

**Table S1.** Chemical composition of the media used in the trials.

<b>BG11 modified</b>	<b>Nutribloom</b> (Necton S.A.)	<b>Flora Nova Grow</b> (General Hydroponics)
NaNO <sub>3</sub>	NaNO <sub>3</sub>	N (NH <sub>4</sub> <sup>+</sup> and NO <sub>3</sub> <sup>-</sup> )
KH <sub>2</sub> PO <sub>4</sub>	KH <sub>2</sub> PO <sub>4</sub>	P <sub>2</sub> O <sub>5</sub>
CaCl <sub>2</sub> ·2H <sub>2</sub> O	ZnCl <sub>2</sub>	K <sub>2</sub> O
ZnSO <sub>4</sub> ·7H <sub>2</sub> O	ZnSO <sub>4</sub>	SO <sub>4</sub>
MnCl <sub>2</sub> ·4H <sub>2</sub> O	MnCl <sub>2</sub>	CaO
Na <sub>2</sub> MoO <sub>4</sub> ·2H <sub>2</sub> O	Na <sub>2</sub> MoO <sub>4</sub> ·2H <sub>2</sub> O	MgO
CoCl <sub>2</sub> ·7H <sub>2</sub> O	CoCl <sub>2</sub> ·6H <sub>2</sub> O	Fe
CuSO <sub>4</sub> ·5H <sub>2</sub> O	CuSO <sub>4</sub> ·5H <sub>2</sub> O	
Na <sub>2</sub> EDTA	EDTA	
MgSO <sub>4</sub> ·7H <sub>2</sub> O	MgSO <sub>4</sub>	
FeSO <sub>4</sub>	FeCl <sub>3</sub>	
Citric Acid	Thiamine	
H <sub>3</sub> BO <sub>3</sub>	Biotin	
	Vitamin B12	