

Supplementary Table 1. Muskmelon and sweet pepper. Examples of the nutrient solution applied to the conventionally managed treatments in muskmelon and sweet pepper crops. In the nutrient solutions applied to the improved management treatments, the NO₃⁻, Ca²⁺ and K⁺ concentrations were lower.

Crop	Nutrient									
	NO ₃ ⁻ (mM)	H ₂ PO ₄ ⁻ (mM)	SO ₄ ²⁻ (mM)	HCO ₃ ⁻ (mM)	Cl ⁻ (mM)	NH ₄ ⁺ (mM)	K ⁺ (mM)	Ca ²⁺ (mM)	Mg ²⁺ (mM)	Na ⁺ (mM)
Muskmelon	12.0	2.0	3.4	0.05	3.4	1.1	5.0	5.8	2.0	3.3
Sweet Pepper	12.0	1.5	2.6	1.1	3.6	1.1	4.0	5.8	1.5	3.4