Table S1. Nutrient disorder solution mixing recipe based on 100 liters of fertilizer.

Fertilizer Salt	**Molarity**	**Fertilizer Treatment (in ml)**[1]													
		Complete	**-N**	**-P**	**-K**	**-Ca**	**-Mg**	**-S**	**-Fe**	**-Mn**	**-Zn**	**-Cu**	**-B**	**-Mo**	**+B**
Macro Salts															
KNO_3	1 M	500	0	500	0	500	500	500	500	500	500	500	500	500	500
$Ca(NO_3)_2{\cdot}H_2O$	1 M	500	0	500	500	0	500	500	500	500	500	500	500	500	500
KH_2PO_4	1 M	100	100	0	0	100	100	100	100	100	100	100	100	100	100
$MgSO_4{\cdot}7H_2O$	1 M	200	200	200	200	200	0	0	200	200	200	200	200	200	200
KCl	1 M	0	500	100	0	0	0	0	0	0	0	0	0	0	0
$CaCl_2{\cdot}2H_2O$	1 M	0	500	0	0	0	0	0	0	0	0	0	0	0	0
$NaNO_3$	1 M	0	0	0	500	500	0	0	0	0	0	0	0	0	0
$NaH_2PO_4{\cdot}4H_2O$	1 M	0	0	0	200	0	0	0	0	0	0	0	0	0	0
Na_2SO_4	1 M	0	0	0	0	0	200	0	0	0	0	0	0	0	0
$MgCl_2{\cdot}6H_2O$	1 M	0	0	0	0	0	0	200	0	0	0	0	0	0	0
Micro Salts															
FeDTPA	1 M	100	100	100	100	100	100	100	0	100	100	100	100	100	100
$MnCl_2{\cdot}4H_2O$	20 mM	90	90	90	90	90	90	90	90	0	90	90	90	90	90
$ZnCl_2{\cdot}7H_2O$	20 mM	15	15	15	15	15	15	15	15	15	0	15	15	15	15
$CuCl{\cdot}2H_2O$	20 mM	15	15	15	15	15	15	15	15	15	15	0	15	15	15
H_3BO_3	100 mM	45	45	45	45	45	45	45	45	45	45	45	0	45	450
$Na_2MoO_4{\cdot}2H_2O$	1 mM	10	10	10	10	10	10	10	10	10	10	10	10	0	10

[1] The complete solution contains all the essential nutrients, and the other solutions either exclude the indicated element or provide elevated concentrations in the case of boron (+B). Amount (in ml) added to 100 L of water, by column.