Macro-element	mg/L	mmol/L	For 1000 L (g)	After tuberization	Notice
NH_4NO_3	200	2.5	200	300	Fertilizer
KH_2PO_4	245	1.8	245	368	Fertilizer
KNO_3	1790	17.7	1790	2685	Fertilizer
$MgSO_4 \times 7H_2O$	345	1.4	345	345	Fertilizer
$Ca(NO_3)_2 \times 4H_2O$	378	1.6	378	378	Fertilizer
NaCl	76	1.3	76	76	Chemical

Micro-element	mg/L	mmol/L	For 1000L (g)	After tuberization
EDTA-Fe			40.0	50.0
$MnSO_4 \times 4H_2O$	1	0.004	1.000	1.500
H_3BO_3	1.5	0.024	1.500	2.000
$ZnSO_4 \times 7H_2O$	2.3	0.008	2.300	2.000
$CuSO_4 \times 5H_2O$	0.75	0.003	0.750	1.000
$Na_2MoO_4 \times 2H_2O$	0.025	0.00016	0.025	0.030
$CoCl_2 \times 6H_2O$	0.025	0.0001	0.025	0.030

Micro-elements except Fe can weigh 10 times of the amount and sovle in 1 L of solution.

Add 100 ml of the above solution to 1000 L of nutrient solution.

Use HNO3 to adjust the pH value to 6.0 (you need to buy one box of HNO3, 12 bottles or 24 bottles)

Tips:

1. All the fertilizers can be weighed and packed in small plastic bags before using. 10 bags can be weighed before hand.
2. NH4NO3, KH2PO4, and NaCl can put together.
3. When making the nutrient solution, try to solve each bag in a big plastic barrel first, then pour the solved solution into the container. If you put the powder in the container direct
4. At least three big barrels are needed to solve the fertilizers.

tly, it takes long time to solve the fertilizers completely.