



Available in:

10kg bags

Code: MBP1922

Barcode: 9312462100305

500g boxes - 6 per carton

Code: MTO5009

Barcode: 9312462660069

PRODUCT FEATURES

All nutrients essential for plants grown in soil-less media, for optimum growth without suffering the effects of deficiency. For Vermiculite, sand or other medium culture *Manutec Hydroponic Solution* can be applied by:

1. Applying sufficient solution to allow minimal excess to drain from the bottom of the medium i.e. No recycling.
2. Applying much greater quantities of solution and retaining the excess drainage for recycling - the solution should be replaced every four weeks with a fresh mix.

ANALYSIS

PART 1	WA ANALYSIS %W/W	ORIGINAL ANALYSIS %W/W
Nitrogen (N) as Nitrate	8.70 %	6.20 %
Nitrogen (N) as Ammonium	1.30 %	1.40 %
TOTAL NITROGEN (N)	10.00 %	7.60 %
Phosphorus (P) as water soluble	2.00 %	3.10 %
TOTAL PHOSPHORUS (P)	2.00 %	3.10 %
Potassium (K) as Nitrate	24.00 %	18.20 %
TOTAL POTASSIUM (K)	24.00 %	18.20 %
Sulphur (S) as Sulphates	2.50 %	4.50 %
Magnesium (Mg) as Sulphate	3.50 %	3.50 %
Manganese (Mn) as Sulphate	0.08 %	0.08 %
Iron (Fe) as Chelate	0.34 %	0.34 %
Zinc (Zn) as Sulphate	0.04 %	0.04 %
Copper (Cu) as Sulphate	0.03 %	0.03 %
Boron (B) as Sodium Borate	0.003 %	0.003 %
Molybdenum (MoO) as Sodium Molybdate	0.001 %	0.001 %
Nitrogen to Phosphorus (N:P) ratio 5:1		
PART 2		
Calcium (Ca) as Nitrate	18.00 %	19.00 %
Nitrogen (N) as Nitrate	15.00 %	15.00 %

NOTE: Under the new WA Phosphorus regulation (effective January 2013), P level has to be 2% or below and N:P ratio must be minimum 5:1. Hence the new packaging printed is modified to comply WA analysis.

DIRECTIONS FOR USE

Solution Culture: Where plants grow directly in a container of solution use the same concentration listed below. Replacement will vary depending on the amount of solution available to each plant.

For a Full Strength Application:

1. Dissolve 120g (30 level measures of enclosed 5g spoon) of Manutec Hydroponic Nutrient (Part 1) in 100 litres of water.
2. Add 80g (16 level measures of enclosed 5g spoon) of Manutec Hydroponic Nutrient (Part 2) to solution.
3. Adjust pH to 6.5.

Application:

Week 1 - Apply water only.

Week 2 & 3 - Half strength solution.

Week 4 - Full strength solution

Where solution is not recycled, **every week** flush thoroughly with clear water and repeat the application of nutrients.

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