

SOLUBLE FERTILIZER IN WATER

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Tests		UOM		
Hydrogen Ion Activity	pH	s.u	5.6	5.0
Electrical Conductivity	ECw	dS/m	2.32	3.27
Nitrate Nitrogen	NO3-N	mmol/L	6.7	10.3
Ammonium Nitrogen	NH4-N	mmol/L	0.3	0.0
Inorganic Nitrogen	I N	mmol/L	7.0	10.3
Total Phosphorus	P	mmol/L	1.5	2.2
Potassium	K	mmol/L	4.42	6.37
Copper	Cu	µmol/L	2.0	1.6
Zinc	Zn	µmol/L	8.6	9.3
Manganese	Mn	µmol/L	7.6	7.5
Iron	Fe	µmol/L	61.2	61.2
Boron	B	µmol/L	34	40
Sulfate	SO4	mmol/L	2.64	4.35
Bicarbonate	HCO3	mmol/L	0.10	0.10
Sodium	Na	mmol/L	2.4	3.6
Magnesium	Mg	mmol/L	2.8	4.6
Calcium	Ca	mmol/L	4.84	7.66
Molybdenum	Mo	µmol/L	2.5	1.0
Chloride	Cl	mmol/L	3.44	5.92

Lab No.

Sample ID

Rose Dripper
Rose Drain

All analyses above performed on filtered sample.