

MAINE SOIL TESTING SERVICE

High Tunnel Saturated Media Analysis For:

EXAMPLE HIGH TUNNEL

Mixed Nutrient Status

Analysis date: 02/11/2014

Job # 3

Sample Name: High Tunnel

Crop Grown: Mixed

Comments:

Analytical Results

Determination	Optimum Range	Level Measured	Relative Level
pH	6.0 - 7.0	7.4	HIGH
Soluble Salts	2.0 - 4.0 mmhos/cm	1.72 mmhos/cm	OK
Organic Matter	8 - 12 %	16.4 %	HIGH
Nitrate-N	100 - 200 ppm	71.8 ppm	MEDIUM
Ammonium-N	< 10 ppm	4.0 ppm	OK
Phosphorus	1 - 5 ppm	3.8 ppm	OPTIMUM
Potassium	150 - 275 ppm	128 ppm	MEDIUM
Magnesium	> 60 ppm	53 ppm	LOW
Calcium	> 250 ppm	146 ppm	LOW
Aluminum	< 10 ppm	0.5 ppm	OK
Boron	0.05 - 0.50 ppm	0.17 ppm	OPTIMUM
Copper	0.01 - 0.5 ppm	0.137 ppm	OPTIMUM
Iron	0.3 - 5.0 ppm	0.52 ppm	OPTIMUM
Manganese	0.1 - 3.0 ppm	0.05 ppm	LOW
Sodium	< 100 ppm	110 ppm	HIGH
Sulfur	25 - 100 ppm	118 ppm	HIGH
Zinc	0.3 - 3.0 ppm	0.02 ppm	LOW

Note: Results are expressed as concentration in saturated media water extract, measuring the short-term intensity of nutrient availability in your soil.