12/14/2020	8084	TOMATO HOUSE	------	3000 sq. ft
PRINT DATE	LAB NO.	SAMPLE IDENTIFICATION	COUNTY	ACRES OR SQ. FT.

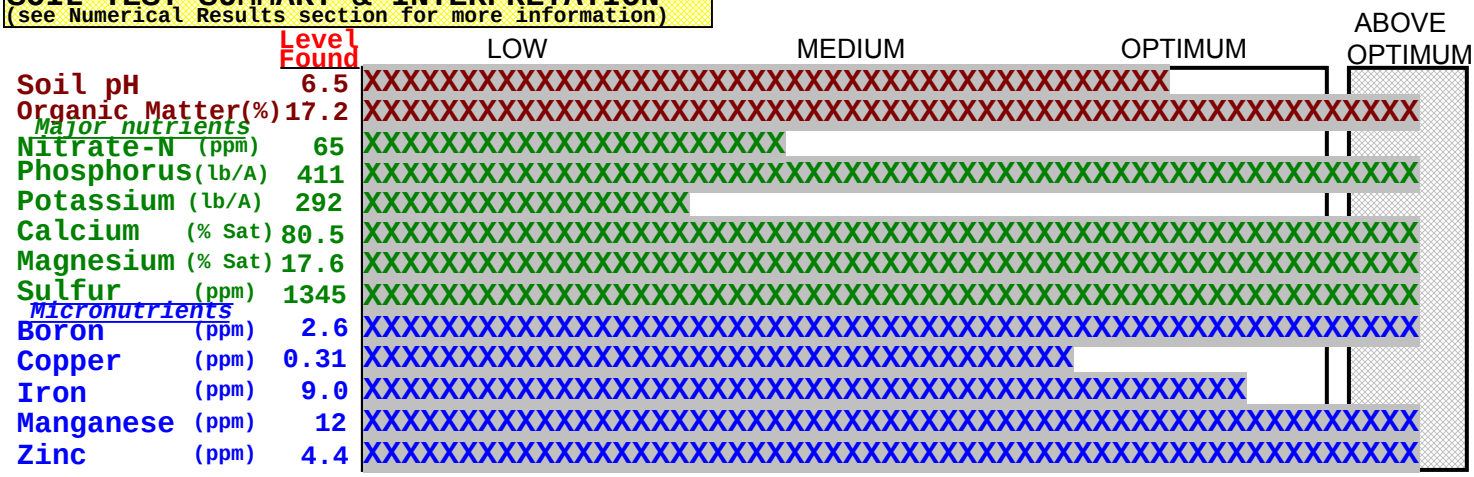
SOIL TEST REPORT FOR:

EXAMPLE HIGH TUNNEL

Mixed Nutrient Status

MAINE SOIL TESTING SERVICE
UNIVERSITY OF MAINE 1865
5722 DEERING HALL
ORONO,MAINE 04469-5722

SOIL TEST SUMMARY & INTERPRETATION
(see Numerical Results section for more information)



RECOMMENDED ADDITIONS FOR ORGANIC GROWING - Crop Code # 392 (HIGH TUNNEL)

No lime recommended. Soil pH is at or above the optimum level for this crop.

Magnesium level is sufficient to meet crop requirement.
To meet major nutrient requirements, Apply on every 1000 sq. ft.:
Nitrogen(4.3 lb) - from 36 lb bloodmeal or 61 lb soybean meal

Potassium(15.4 lb) - from 30 lb potassium sulfate

N-P-K recommendations are for heavier feeding crops, such as Tomatoes, Peppers, & Vines.
1/2 the recommended rates should be sufficient for Greens, Cut Flowers, and Fruit crops.
Tomatoes: Recommendations are based on 60-80 ton/A (3-4 lb/sq ft) yield goal.

For information on micronutrient management and recommendations, see enclosed form.

NUMERICAL RESULTS

(Test methodology: pH in water and Mehlich buffer, available nutrients by modified Morgan extract)
(Organic matter measured by LOI, P determined colorimetrically, all others measured by ICP-OES)

CEC and nutrient balance calculations are based on present pH of 6.5

	Soil pH	Lime Index 2	Phosphorus (lb/A)	Potassium (lb/A)	Magnesium (lb/A)	Calcium (lb/A)	CEC (me/100 g)	K	Mg (% Saturation)	Ca (% Saturation)	Acidity
Level Found	6.5	6.41	411	292	1646	12415	18.8(A)	2.0	17.6	80.5	0.0
Optimum Range	6.0-7.0	N/A	40-80	600-800			> 5		10-20	60-80	< 10

	Organic Matter(%)	Sulfur (ppm)	Copper (ppm)	Iron (ppm)	Manganese (ppm)	Zinc (ppm)
Level Found	17.2	1345	0.31	9.0	11.5	4.4
Normal Range	8-12	> 25	.25-.60	6 - 10	4 - 8	1 - 2

(Extras)	Boron (ppm)	Sodium (ppm)	Soluble Salts (mmhos/cm)	Nitrate-N (ppm)	Ammonium-N (ppm)
Level Found	2.6	275	2.74	65	3
Normal Range	0.5-1.2	< 200	< 4.0	100-200	< 10

Additional Results or Comments:

Metals scan: NORMAL BACKGROUND LEVEL - no health risk.

Full payment received for this sample. Thank you.

MAINE SOIL TESTING SERVICE

High Tunnel Saturated Media Analysis For:

EXAMPLE HIGH TUNNEL

Mixed Nutrient Status

Analysis date: 12/08/2020 **Job #** 3279

Sample Name: TOMATO HOUSE

Crop Grown: Tomato

Comments: 8084

Analytical Results

Determination	*Optimum Range*	Level Measured		Relative Level
pH	*6.0 - 7.0*	6.5		OPTIMUM
Soluble Salts	*2.0 - 4.0 mmhos/cm*	2.74	mmhos/cm	OK
Organic Matter	*8 - 12 %*	17.2	%	HIGH
Nitrate-N	*100 - 200 ppm*	54.6	ppm	MEDIUM
Ammonium-N	*< 10 ppm*	1.7	ppm	OK
Phosphorus	*1 - 5 ppm*	1.8	ppm	OPTIMUM
Potassium	*150 - 275 ppm*	12	ppm	LOW
Magnesium	*> 60 ppm*	122	ppm	OPTIMUM
Calcium	*> 250 ppm*	574	ppm	OPTIMUM
Aluminum	*< 10 ppm*	0.1	ppm	OK
Boron	*0.05 - 0.50 ppm*	0.23	ppm	OPTIMUM
Copper	*0.01 - 0.5 ppm*	0.035	ppm	OPTIMUM
Iron	*0.3 - 5.0 ppm*	0.13	ppm	LOW
Manganese	*0.1 - 3.0 ppm*	0.11	ppm	OPTIMUM
Sodium	*< 100 ppm*	138	ppm	HIGH
Sulfur	*25 - 100 ppm*	555	ppm	HIGH
Zinc	*0.3 - 3.0 ppm*	0.15	ppm	LOW

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