10/21/2019	7792	Tomato House	----	
PRINT DATE	LAB NO.	SAMPLE IDENTIFICATION	COUNTY	ACRES OR SQ. FT.

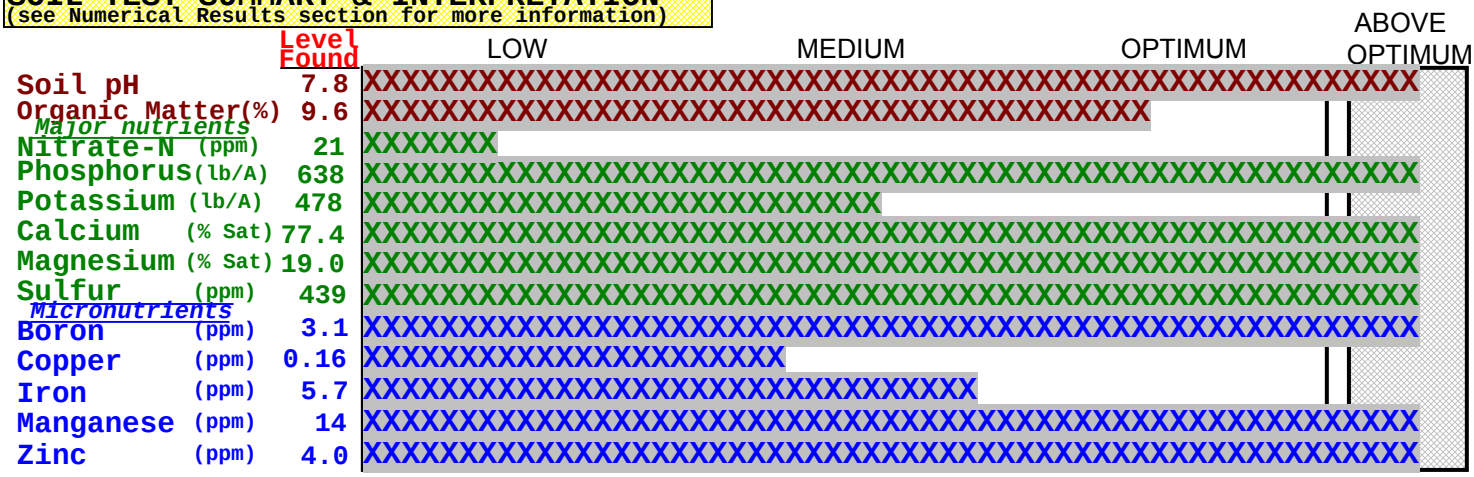
SOIL TEST REPORT FOR:

EXAMPLE HIGH TUNNEL

Basic Test - 3 Years Plus

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(5.9 lb) - from 49 lb bloodmeal or 84 lb soybean meal

Potassium(9.8 lb) - from 19 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 ton/A (3 lb/sq ft) yield goal.

Apply 30 lb elemental sulfur /1000 sq. ft. to lower pH to 6.5. Till in well.

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 7.8

	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	7.8	0.00	638	478	1989	13380	16.8(A)	3.6	19.0	77.4	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	9.6	439	0.16	5.7	14.3	4.0
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	3.1	302	2.99	21	2
Normal Range	0.5-1.2	< 200	< 4.0	100-200	< 10

Additional Results or Comments:

Lead scan: NORMAL BACKGROUND LEVEL - no health risk.