09/22/2022	4942	POOR VEGES	HANCOCK	900 sq. ft
PRINT DATE	LAB NO.	SAMPLE IDENTIFICATION	COUNTY	ACRES OR SQ. FT.

SOIL TEST REPORT FOR:

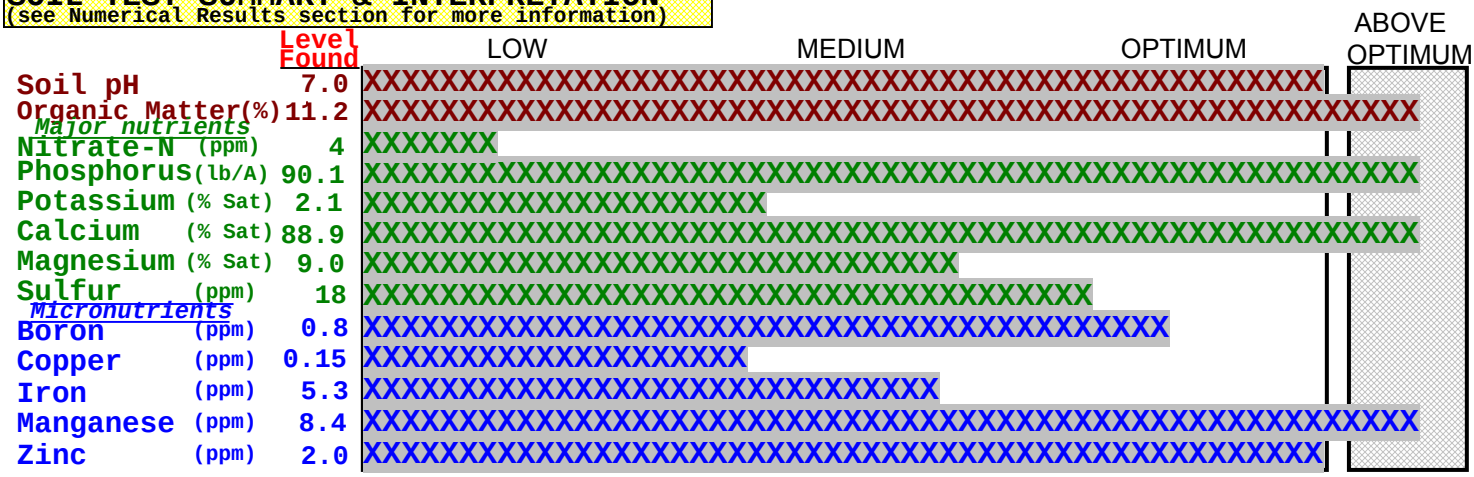
EXAMPLE ORGANIC GARDEN

Comprehensive Test

High OM, but Low Available N

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

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

To meet crop magnesium requirement, use K-Mag as a source of Mg, K, and Sulfur.
To meet major nutrient requirements, apply (on each 1000 sq. ft.):
Nitrogen(2.5 lb) - from 20 lb bloodmeal or feathermeal or 35 lb soybean meal.

Potassium(6.9 lb) - from 31 lb K-Mag (langbeinite).

If you are using wood ash, discontinue until lime is needed again.

Sub-Optimum Nitrogen: Apply full rate of any recommended (1/2 rate if mid-season).

Apply fertilizer in spring. Apply 1/2 Nitrogen at planting time, 1/2 3-4 weeks later.

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 7.0

	Soil pH	Lime Index 2	Phosphorus (lb/A)	Potassium (lb/A)	Magnesium (lb/A)	Calcium (lb/A)	CEC (me/100 g)	K	Mg	Ca	Acidity
Level Found	7.0	0.00	90	264	352	7032	16.1(A)	2.1	9.0	88.9	0.0
Optimum Range	6.0-7.0	N/A	20-40	see % Saturation levels			> 5	3.5-5.0	10-20	60-80	< 10

	Organic Matter(%)	Sulfur (ppm)	Copper (ppm)	Iron (ppm)	Manganese (ppm)	Zinc (ppm)
Level Found	11.2	18	0.15	5.3	8.4	2.0
Normal Range	5 - 8	> 15	.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	0.8	N/A	N/A	4	1
Normal Range	0.5-1.2			20-30	< 10

Additional Results or Comments:

Metals scan:
NORMAL BACKGROUND LEVEL - no health risk.

Full payment received for this sample. Thank you.