09/22/2022	12	GARDEN	ANDROSCOGGIN	3000 sq. ft
PRINT DATE	LAB NO.	SAMPLE IDENTIFICATION	COUNTY	ACRES OR SQ. FT.

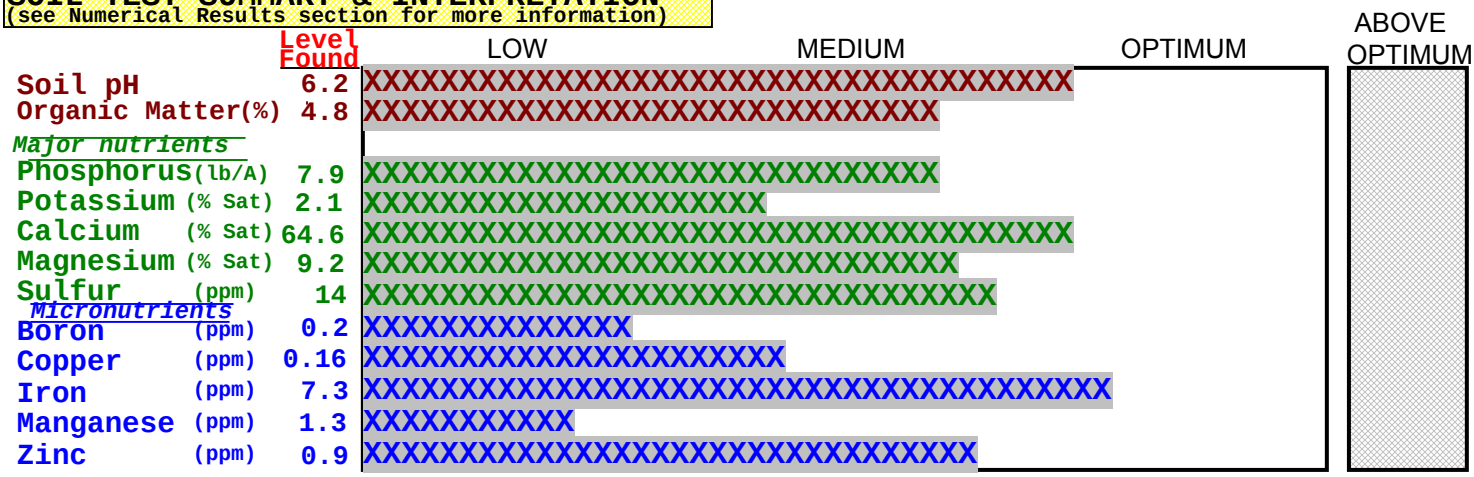
SOIL TEST REPORT FOR:

EXAMPLE ORGANIC GARDEN

Vegetable, Annuals, Perennials

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

To raise soil pH to 6.5, apply 40 pounds of lime per 1000 sq. ft.

Magnesium source note: if you use K-Mag, use a low-magnesium (calcitic) lime.
To meet major nutrient requirements, apply (on each 1000 sq. ft.):
Nitrogen(2.5 lb) - from 20 lb bloodmeal or feathermeal or 25 lb fishmeal.
Phosphorus(2.3 lb) - from 14 lb bonemeal/bonechar or 77 lb rock phosphate.
Potassium(3.4 lb) - from 15 lb K-Mag (langbeinite) or 68 lb dry wood ash.

Wood ash is a fast-acting liming material. Reduce lime by 1 lb for each 1 lb ash used.

15 bushel cow or horse manure or 7-8 bushel poultry, sheep, goat, or rabbit manure/1000 sq. ft. can substitute for 1/4-1/3 recommended nutrients (apply in fall).
Broadcast lime uniformly, in spring or fall, and till in 6-7 in.

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

Till in manure, compost, or leaves each year to build and maintain soil organic matter.
This will improve the nutrient and water holding capacity of your soil.
Manure or compost will also supply sulfur.

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 assume the pH will be raised to 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	Acidity
Level Found	6.2	6.14	7.9	106	149	1713	6.6	2.1	9.2	64.6	24.1
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	4.8	14	0.16	7.3	1.3	0.9
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	0.2	N/A	N/A	N/A	N/A
Normal Range	0.5-1.2				

Additional Results or Comments:

Metals scan:
NORMAL BACKGROUND LEVEL - no health risk.