09/15/2010	12	GARDEN	ANDROSCOGGIN	3000 sq. ft
PRINT DATE	LAB NO.	SAMPLE IDENTIFICATION	COUNTY	ACRES OR SQ. FT.

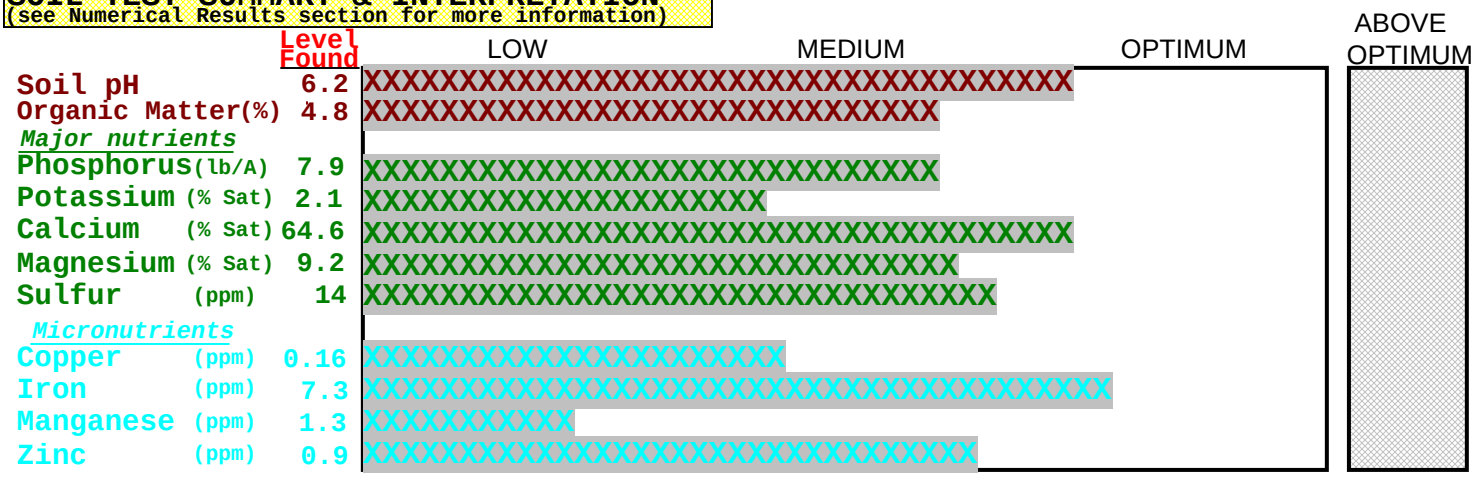
SOIL TEST REPORT FOR:

EXAMPLE ORGANIC GARDEN

Vegetable, Annuals, Perennials

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

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



RECOMMENDED ADDITIONS FOR ORGANIC GARDEN - Crop Code # 392

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

To supply magnesium use Sul-Po-Mag, but use a low-magnesium (calcitic) lime.
To meet major nutrient requirements, apply (on each 1000 sq. ft.):
Nitrogen - 20 lb bloodmeal or 35 lb soybean meal or 25 lb fishmeal.
Phosphorus - 25 lb rock phosphate or 10 lb bone meal.
Potassium - 15 lb Sul-Po-Mag (langbeinite) or 70 lb unleached wood ashes.

Wood ash acts as a liming material. Reduce lime amount by 1.5 lb for each 1 lb used.

15 bushels of cow, hog, or horse manure or 7-8 bushels of poultry, sheep, goat or rabbit manure/1000 sq. ft. may be substituted for 1/4-1/3 recommended nutrients.
Broadcast lime uniformly, in spring or fall, and till in 6-7 in.

Fertilizer may be broadcast in spring, but is best banded 2-3 in. below & beside rows.

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 (% Saturation)	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

	Boron (ppm)	Sodium (ppm)	Soluble Salts (mmhos/cm)	Nitrate-N (ppm)	Ammonium-N (ppm)
Level Found	N/A	N/A	N/A	N/A	N/A
(Extras) Normal Range					

Additional Results or Comments:

Lead scan: NORMAL BACKGROUND LEVEL - no health risk.