

08/18/2010	17	ROAD FIELD 1	PISCATAQUIS	
PRINT DATE	LAB NO.	SAMPLE IDENTIFICATION	COUNTY	ACRES OR SQ. FT.

●SOIL TEST REPORT FOR:

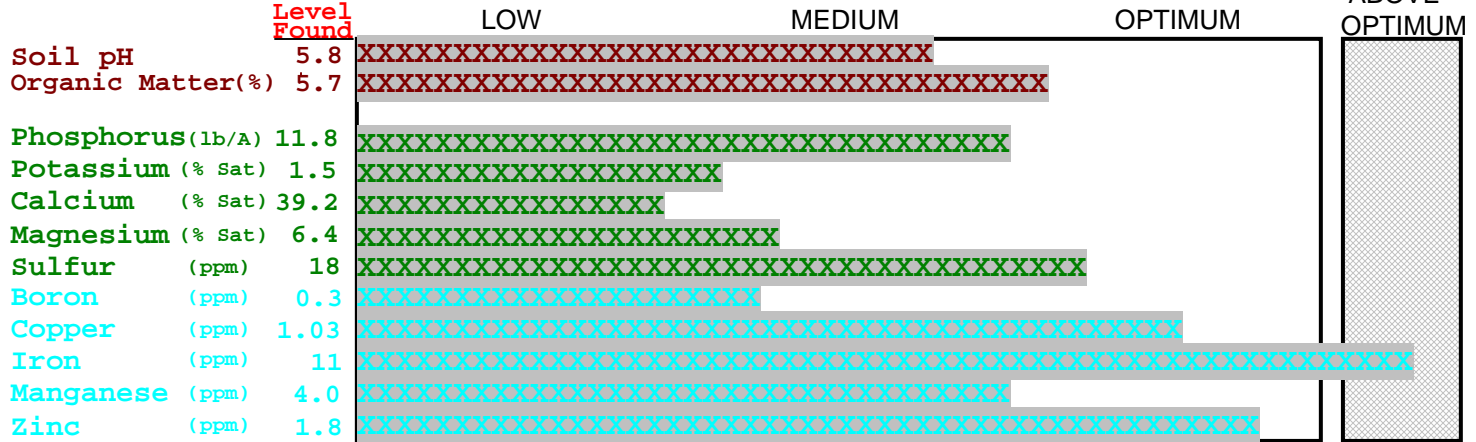
EXAMPLE AGRONOMIC CROP

Standard Soil Test

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 CORN - Crop Code # 164

To raise soil pH to 6.0, apply 1500 pounds of lime per acre.
 To raise soil pH to 6.5, apply 4500 pounds of lime per acre.
 Lime recommendation assumes a calcium carbonate equivalence (neutralizing value) of 100 %.
 To meet crop magnesium requirement, use a magnesium lime.
 Recommended major nutrient application rates as follows:
 Nitrogen: See management statements below.
 100 pounds phosphate per acre
 240 pounds potash per acre

Apply up to 40 lb/A each of nitrogen, phosphate, and potash through the planter.
 Remaining P & K should be broadcast preplant.

*****Nitrogen Management*****

*Best mgt: Sample soil for nitrate analysis when corn 8-12 inches tall.
 Exact recommendations for N sidedress will be made at that time.
 *Next best option: With no nitrate soiltest,
 sidedress 80 lb N/acre when corn is 8-12 inches tall.
 Note: for organic sources of nitrogen, calculate application rate to supply 150 pounds of available N for a 20 ton/acre yield goal.

Soil zinc level is adequate. No extra yield expected from additional zinc.

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

Level Found	5.8	5.84	11.8	91	126	1280	8.1	1.5	6.4	39.2	52.9
	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
Optimum Range	6.0-7.0	N/A	10-40	see % Saturation levels	see % Saturation levels	see % Saturation levels	> 5	2.8-4.0	10-20	60-80	< 10
Level Found	5.7	18	1.03	10.5	4.0	1.8					
	Organic Matter(%)	Sulfur (ppm)	Copper (ppm)	Iron (ppm)	Manganese (ppm)	Zinc (ppm)					
Normal Range	5 - 8	> 15	0.8-1.2	6 - 10	4 - 8	1 - 2					
Level Found	0.3	N/A	N/A	N/A	N/A	N/A					
(Extras)	Boron (ppm)	Sodium (ppm)	Soluble Salts (mmhos/cm)	Nitrate-N (ppm)	Ammonium-N (ppm)						
Normal Range	0.5-1.2										

Additional Results or Comments:

Full payment received for this sample. Thank you.