Avena Botanicals

DATE	LAB NO.	SAMPLE IDENTIFICATION	COUNTY	ACRES OR SQ. FT.
12/31/1999	8151	WRGLDNSL	KNOX	

· SOIL TEST REPORT FOR:

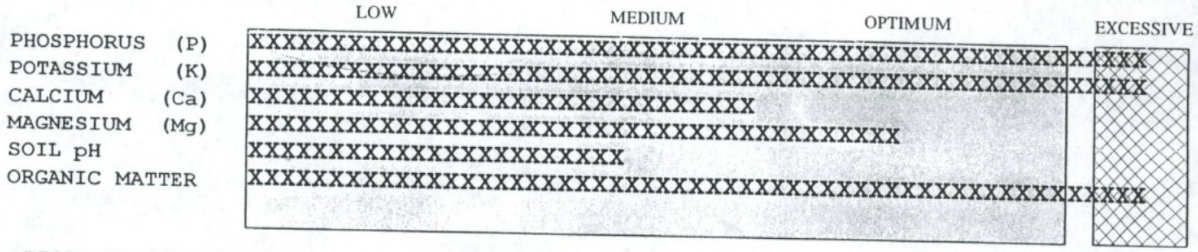
TOM GRIFFIN

PO BOX 107

W ROCKPORT ME 04865

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

· RELATIVE SOIL TEST LEVELS



· RECOMMENDATIONS FOR FORESTRY-GENERAL - Crop Code # 601

To raise soil pH to 5.2, apply 2000 pounds of lime per acre.

Lime recommendation assumes a calcium carbonate equivalence (neutralizing value) of 100 %.
Magnesium level is sufficient. Use a calcitic (low magnesium) lime.

Recommended major nutrient application rates as follows:

100 pounds nitrogen per acre
0 pounds phosphate per acre
0 pounds potash per acre

· LABORATORY RESULTS

CEC and nutrient balance calculations assume a pH management level of 5.2

	Soil pH	Lime Index	P (lb/A)	K (lb/A)	Mg (lb/A)	Ca (lb/A)	CEC (me/100gm)	K	Mg	Ca	Acidity
Level Found	4.9	5.0	15.4	249	302	1862	8.1	3.9	15.3	57.2	23.6
Optimum Range	5.0-5.5	N/A	9-13	see % Saturation levels			> 5	2.1-3.0	10-25	60-80	< 10

(% Saturation)

	Organic Matter (%)	Zinc (ppm)	Sodium (ppm)	Soluble Salts (mmhos/cm)	Nitrate-N (ppm)
Level Found	22.4	N/A	N/A	N/A	N/A
Optimum Range	5 - 8				

Additional Results

Full payment received for the analysis of this sample. Thank you.