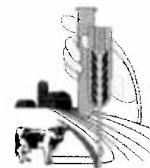


NOVA SCOTIA Soil Test Report

Agriculture

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Truro, Nova Scotia
Canada
B2N 5E3

URL: <http://www.gov.ns.ca/nsaf/>
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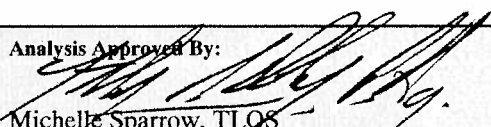
ACADIA COMMUNITY FARM
C/O DEWEY DUNNINGTON
33 HILLSIDE AVE
WOLFVILLE, NS
B4P 1A9

Client Number: 21745
Accession: 92145
Samples Reported: 4/27/2011
Samples Received: 4/15/2011

Lab #	1											
Sample ID	1 ORGANIC											
Field Size (ha)												
Manure Code												
Sod Code												
Crop to be Grown	MIXED GARDEN											
	Analysis			Rating			Analysis			Rating		
pH	6.5											
Organic Matter (%)	5.8											
P2O5 (kg/ha)	847			H								
K2O (kg/ha)	591			H+								
Ca (kg/ha)	4293			H-								
Mg (kg/ha)	984			H+								
Na (kg/ha)	74											
Sulfur (kg/ha)	33											
Al (ppm)	680.96											
Fe (ppm)	483											
Mn (ppm)	25											
Cu (ppm)	1.35											
Zn (ppm)	8.0											
B (ppm)	0.79											
Nitrate - N (ppm)												
% Nitrogen												
Salt (mhos x 10 ⁶)												
CEC (meq/100gm)	18.2											
Base Sat. K (%)	3.4											
Ca (%)	59.0											
Mg (%)	22.6											
Na (%)	0.9											
H (%)	14.1											
Lime Required (t/ha)	6.0			6.5			6.0			6.5		
Required Nutrient (kg/ha)	N	P2O5	K2O	N	P2O5	K2O	N	P2O5	K2O	N	P2O5	K2O
	140	75	0									

Result(s) relate only to sample(s) tested

(1) Sample sent to an accredited lab for analysis
1 kg/ha = 0.89 lb/ac 1 tonne/ha = 0.45 ton/ac
To convert kg/ha to ppm divide by 2
L = Low M = Medium H = High E = Excessive

<p>Copies To:</p>	<p>Analysis Approved By:</p>  <p>Michelle Sparrow, TL08</p>
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Sample Specific Information

Accession: 92145 Sample: 1 Field ID: 1 ORGANIC Crop: MIXED GARDEN

Soil pH should be in the range of 6.2 to 6.5 in order for the plant to make most efficient use of soil nutrients and to avoid problems associated with aluminium and manganese toxicity. The pH of this soil is adequate for most crops. Limestone should not be applied at this time. The soil pH should be checked in 2-3 years.

This soil has adequate phosphorus and potassium fertility. To supply the nitrogen required for optimal plant growth, apply 20-5-5 at a rate of 7 kg to each 100 square meters. Alternately, a high nitrogen fertilizer can be apply. If you prefer to use organic amendments, apply 8-4-4 or similar organic fertilizer at a rate of 15 kg to each 100 square metres followed by an application of 4-4-8 at a rate of 5 kg to each 100 square metres and mix into the top 15 centimetres of soil before planting.

For Example, to convert kilograms per 100 square metres to pounds per 1000 square feet, multiply by 2.2; That is 53 kg/100 square metres X 2.2 = 116.6 pounds per 1000 square feet.