UMass Extension

Soil and Plant Nutrient Testing Laboratory
203 Paige Laboratory
161 Holdsworth Way
University of Massachusetts
Amherst, MA 01003
Phone: (413) 545-2311
e-mail: soiltest@umass.edu
website: soiltest.umass.edu

Soil Test Report

Prepared For:

Sample Information:
Sample ID:

Order Number: 26865
Lab Number: S161209-208
Area Sampled:
Received: 12/9/2016
Reported: 12/16/2016

Results

Analysis	*Value Found*	*Optimum Range*	*Analysis*	*Value Found*	*Optimum Range*
Soil pH (1:1, H2O)	4.6		**Cation Exch. Capacity, meq/100g**	11.3	
Modified Morgan extractable, ppm			**Exch. Acidity, meq/100g**	9.4	
Macronutrients			**Base Saturation, %**		
Phosphorus (P)	2.0	4-14	Calcium Base Saturation	12	50-80
Potassium (K)	38	100-160	Magnesium Base Saturation	4	10-30
Calcium (Ca)	282	1000-1500	Potassium Base Saturation	1	2.0-7.0
Magnesium (Mg)	49	50-120	**Scoop Density, g/cc**	1.06	
Sulfur (S)	17.6	>10	**Optional tests**		
Micronutrients *			Soil Organic Matter (LOI), %	5.6	
Boron (B)	0.2	0.1-0.5			
Manganese (Mn)	14.5	1.1-6.3			
Zinc (Zn)	1.5	1.0-7.6			
Copper (Cu)	0.2	0.3-0.6			
Iron (Fe)	257.2	2.7-9.4			
Aluminum (Al)	117	<75			
Lead (Pb)	1.8	<22			

* *Micronutrient deficiencies rarely occur in New England soils; therefore, an Optimum Range has never been defined. Values provided represent the normal range found in soils and are for reference only.*

Soil Test Interpretation

Nutrient	Very Low	Low	Optimum	Above Optimum
Phosphorus (P):				
Potassium (K):				
Calcium (Ca):				
Magnesium (Mg):				

Sample ID: RYCO20

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