



### Soil Test Report

**Prepared For:**

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**Sample Information:**

Sample ID: C4  
  
Order Number: 4279  
Lab Number: S140319-122  
Area Sampled: 0.1 acres  
Received: 3/19/2014  
Reported: 3/24/2014

### Results

<i>Analysis</i>	<i>Value Found</i>	<i>Optimum Range</i>	<i>Analysis</i>	<i>Value Found</i>	<i>Optimum Range</i>
Soil pH (1:1, H2O)	4.9		Cation Exch. Capacity, meq/100g	20.9	
Modified Morgan extractable, ppm			Exch. Acidity, meq/100g	13.3	
<i>Macronutrients</i>			Base Saturation, %		
Phosphorus (P)	1.3	4-14	Calcium Base Saturation	25	50-80
Potassium (K)	254	100-160	Magnesium Base Saturation	9	10-30
Calcium (Ca)	1030	1000-1500	Potassium Base Saturation	3	2.0-7.0
Magnesium (Mg)	227	50-120	Scoop Density, g/cc	0.79	
Sulfur (S)	20.7	>10	Optional tests		
<i>Micronutrients *</i>			Soil Organic Matter (LOI), %	7.8	
Boron	0.2	0.1-0.5			
Manganese (Mn)	16.8	1.1-6.3			
Zinc (Zn)	1.6	1.0-7.6			
Copper (Cu)	0.1	0.3-0.6			
Iron (Fe)	9.5	2.7-9.4			
Aluminum (Al)	85	<75			
Lead (Pb)	0.7	<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):	██			



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*Recommendations for Crop Code Unknown - Please Specify*

**Comments:**

No crop code was received with your submission form, so no lime and fertilizer recommendations could be made. If you need recommendations, please contact the lab with your lab number, which is located on the upper right corner for your report, and a crop code, found on the second page of the submission form (See References).

**References:**

UMass Soil Lab Submission Forms

<http://soiltest.umass.edu/ordering-information>

**General References:**

Interpreting Your Soil Test Results

<http://soiltest.umass.edu/fact-sheets/interpreting-your-soil-test-results>