

Soil Test Report

Prepared For:

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Sample Information:

Sample ID: LKW Sed 1

Order Number: 17637

Lab Number: S151005-111

Area Sampled:

Received: 10/5/2015

Reported: 10/15/2015

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, H ₂ O)	5.2		Cation Exch. Capacity, meq/100g	18.2	
Modified Morgan extractable, ppm			Exch. Acidity, meq/100g	10.3	
<i>Macronutrients</i>			Base Saturation, %		
Phosphorus (P)	15.0	4-14	Calcium Base Saturation	38	50-80
Potassium (K)	48	100-160	Magnesium Base Saturation	5	10-30
Calcium (Ca)	1372	1000-1500	Potassium Base Saturation	1	2.0-7.0
Magnesium (Mg)	112	50-120	Scoop Density, g/cc	0.48	
Sulfur (S)	99.9	>10	Optional tests		
<i>Micronutrients *</i>			Soil Organic Matter (LOI), %	14.5	
Boron (B)	0.4	0.1-0.5	Nitrate-N (NO ₃ -N), ppm	2	
Manganese (Mn)	90.3	1.1-6.3			
Zinc (Zn)	30.7	1.0-7.6			
Copper (Cu)	0.8	0.3-0.6			
Iron (Fe)	320.5	2.7-9.4			
Aluminum (Al)	239	<75			
Lead (Pb)	11.7	<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):				



Soil and Plant Tissue Testing Laboratory

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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 lower 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>

For current information and order forms, please visit <http://soiltest.umass.edu/>