

# Soil Report

Job Name **Guardian Tree Experts**

Date **11/10/2009**

Company **Guardian Tree Experts**

Submitted By **Jack Richardson**

Sample Location						
Sample ID		Pin Oak				
Lab Number		118				
Sample Depth in inches		6				
Total Exchange Capacity (M. E.)		10.12				
pH of Soil Sample		5.10				
Organic Matter, Percent		7.21				
<b>ANIONS</b>	<b>SULFUR:</b> p.p.m.	41				
	<b>Mehlich III Phosphorous:</b> as (P <sub>2</sub> O <sub>5</sub> ) lbs / acre	404				
<b>EXCHANGEABLE CATIONS</b>	<b>CALCIUM:</b> lbs / acre	Desired Value	2752			
		Value Found	1578			
		Deficit	-1174			
	<b>MAGNESIUM:</b> lbs / acre	Desired Value	291			
		Value Found	248			
		Deficit	-43			
	<b>POTASSIUM:</b> lbs / acre	Desired Value	315			
		Value Found	67			
		Deficit	-248			
	<b>SODIUM:</b> lbs / acre	34				
	<b>BASE SATURATION %</b>	Calcium (60 to 70%)	38.99			
		Magnesium (10 to 20%)	10.21			
Potassium (2 to 5%)		0.85				
Sodium (.5 to 3%)		0.72				
Other Bases (Variable)		7.20				
Exchangable Hydrogen (10 to 15%)		42.00				
<b>TRACE ELEMENTS</b>	Boron (p.p.m.)	0.35				
	Iron (p.p.m.)	251				
	Manganese (p.p.m.)	5				
	Copper (p.p.m.)	1.48				
	Zinc (p.p.m.)	8.6				
	Aluminum (p.p.m.)	558				
<b>OTHER</b>						