

# Soil Report

Job Name: **Hugh Kelley**

Date: 4/5/2017

Company: **Hugh Kelley**

Submitted By:

Sample Location		Veg				
Sample ID		Garden				
Lab Number		174				
Sample Depth in inches		6				
Total Exchange Capacity (M. E.)		9.11				
pH of Soil Sample		7.2				
Organic Matter, Percent		5.11				
ANIONS	SULFUR:	p.p.m.	31			
	Mehlich III Phosphorous:	as (P <sub>2</sub> O <sub>5</sub> ) lbs / acre	1207			
EXCHANGEABLE CATIONS	CALCIUM:	Desired Value lbs / acre Value Found Deficit	2477 2797			
	MAGNESIUM:	Desired Value lbs / acre Value Found Deficit	262 240 -22			
	POTASSIUM:	Desired Value lbs / acre Value Found Deficit	284 420			
	SODIUM:	lbs / acre	91			
BASE SATURATION %	Calcium (60 to 70%)		76.76			
	Magnesium (10 to 20%)		10.98			
	Potassium (2 to 5%)		5.91			
	Sodium (.5 to 3%)		2.16			
	Other Bases (Variable)		4.20			
	Exchangable Hydrogen (10 to 15%)		0.00			
TRACE ELEMENTS	Boron (p.p.m.)		0.82			
	Iron (p.p.m.)		255			
	Manganese (p.p.m.)		49			
	Copper (p.p.m.)		3.75			
	Zinc (p.p.m.)		21.41			
	Aluminum (p.p.m.)		1096			
OTHER						

Logan Labs, LLC