

# Soil Report

Job Name **Jeremy Silva**

Date **8/9/2019**

Company **Build A Soil LLC**

Submitted By

Sample Location			Oly	Oly			
Sample ID				AA 8.2			
Lab Number			282	283			
Sample Depth in inches			6	6			
Total Exchange Capacity (M. E.)			10.61	9.43			
pH of Soil Sample			7.8	7.8			
Organic Matter, Percent			24.38	24.38			
<b>ANIONS</b>	<b>SULFUR:</b>	p.p.m.	43	43			
	<b>Mehlich III Phosphorous:</b>	as (P <sub>2</sub> O <sub>5</sub> ) lbs / acre	423	423			
<b>EXCHANGEABLE CATIONS</b>	<b>CALCIUM:</b>	Desired Value	2887	2565			
		lbs / acre	Value Found	3126	2649		
			Deficit				
	<b>MAGNESIUM:</b>	Desired Value	305	271			
	lbs / acre	Value Found	252	245			
		Deficit	-53	-26			
	<b>POTASSIUM:</b>	Desired Value	331	294			
	lbs / acre	Value Found	641	733			
		Deficit					
	<b>SODIUM:</b>	lbs / acre	252	235			
<b>BASE SATURATION %</b>	Calcium (60 to 70%)		73.62	70.21			
	Magnesium (10 to 20%)		9.89	10.82			
	Potassium (2 to 5%)		7.74	9.96			
	Sodium (.5 to 3%)		5.16	5.42			
	Other Bases (Variable)		3.60	3.60			
	Exchangable Hydrogen (10 to 15%)		0.00	0.00			
<b>TRACE ELEMENTS</b>	Boron (p.p.m.)		0.49	0.49			
	Iron (p.p.m.)		58	58			
	Manganese (p.p.m.)		15	15			
	Copper (p.p.m.)		0.65	0.65			
	Zinc (p.p.m.)		7.62	7.62			
	Aluminum (p.p.m.)		36	36			
<b>OTHER</b>	Cobalt ppm		0.02				
	Molybdenum ppm		0.09				
	Ammonium (p.p.m.)		9.7				
	Nitrate (p.p.m.)		54				
	Selenium ppm		0.31				
	Silicon ppm		4.4				
	Estimated Nitrogen Release #N		130				
	EC mmhos/cm		0.56				
	Media Density g/cm3		0.4				