

# Soil Report

Job Name **Jeremy Silva**

Date **8/9/2019**

Company **Build A Soil LLC**

Submitted By \_\_\_\_\_

Sample Location			Light	Light				
Sample ID				AA 8.2				
Lab Number			286	287				
Sample Depth in inches			6	6				
Total Exchange Capacity (M. E.)			12.12	5.64				
pH of Soil Sample			6.1	6.1				
Organic Matter, Percent			50.75	50.75				
<b>ANIONS</b>	<b>SULFUR:</b>	p.p.m.	71	71				
	<b>Mehlich III Phosphorous:</b>	as (P <sub>2</sub> O <sub>5</sub> ) lbs / acre	336	336				
<b>EXCHANGEABLE CATIONS</b>	<b>CALCIUM:</b> lbs / acre	Desired Value	3295	1533				
		Value Found	3070	1517				
		Deficit	-225	-16				
	<b>MAGNESIUM:</b> lbs / acre	Desired Value	348	200				
		Value Found	268	105				
		Deficit	-80	-95				
	<b>POTASSIUM:</b> lbs / acre	Desired Value	378	200				
		Value Found	563	189				
		Deficit		-11				
	<b>SODIUM:</b>	lbs / acre	156	51				
	<b>BASE SATURATION %</b>	Calcium (60 to 70%)		63.34	67.26			
		Magnesium (10 to 20%)		9.22	7.76			
Potassium (2 to 5%)		5.96	4.30					
Sodium (.5 to 3%)		2.80	1.97					
Other Bases (Variable)		5.20	5.20					
Exchangable Hydrogen (10 to 15%)		13.50	13.50					
<b>TRACE ELEMENTS</b>	Boron (p.p.m.)		0.48	0.48				
	Iron (p.p.m.)		80	80				
	Manganese (p.p.m.)		11	11				
	Copper (p.p.m.)		0.23	0.23				
	Zinc (p.p.m.)		4.6	4.6				
	Aluminum (p.p.m.)		41	41				
<b>OTHER</b>	Cobalt ppm		0.02					
	Molybdenum ppm		0.12					
	Ammonium (p.p.m.)		1.1					
	Nitrate (p.p.m.)		92.5					
	Selenium ppm		0.12					
	Silicon ppm		5.3					
	Estimated Nitrogen Release #N		130					
	EC mmhos/cm		0.42					
	Media Density g/cm3		0.43					