

Soil Report

Job Name **Build A Soil LLC**

Date **4/3/2019**

Company **Build A Soil LLC**

Submitted By _____

Sample Location			Seedling	Seedling P				
Sample ID			Pumice	AA 8.2				
Lab Number			135	136				
Sample Depth in inches			6	6				
Total Exchange Capacity (M. E.)			8.60	5.39				
pH of Soil Sample			5.9	5.9				
Organic Matter, Percent			23.83	23.83				
ANIONS	SULFUR:	p.p.m.	123	123				
	Mehlich III Phosphorous:	as (P ₂ O ₅) lbs / acre	109	109				
EXCHANGEABLE CATIONS	CALCIUM:	Desired Value	2340	1465				
		lbs / acre	2058	1404				
		Value Found	-282	-61				
	MAGNESIUM:	Desired Value	247	200				
		lbs / acre	221	98				
		Value Found	-26	-102				
	POTASSIUM:	Desired Value	268	200				
		lbs / acre	223	94				
		Value Found	-45	-106				
	SODIUM:	lbs / acre	103	35				
	BASE SATURATION %	Calcium (60 to 70%)		59.80	65.16			
		Magnesium (10 to 20%)		10.70	7.58			
Potassium (2 to 5%)		3.32	2.24					
Sodium (.5 to 3%)		2.59	1.40					
Other Bases (Variable)		5.60	5.60					
Exchangable Hydrogen (10 to 15%)		18.00	18.00					
TRACE ELEMENTS	Boron (p.p.m.)		0.36	0.36				
	Iron (p.p.m.)		80	80				
	Manganese (p.p.m.)		6	6				
	Copper (p.p.m.)		0.23	0.23				
	Zinc (p.p.m.)		0.95	0.95				
	Aluminum (p.p.m.)		50	50				
OTHER	Cobalt ppm		< 0.02					
	Molybdenum ppm		0.06					
	Ammonium (p.p.m.)		2.1					
	Nitrate (p.p.m.)		1					
	Selenium ppm		0.13					
	Silicon ppm		3.3					
	EC mmhos/cm		0.41					
	Media Density g/cm3		0.23					