

Soil Report

Job Name **Jeremy Silva**

Date **9/6/2018**

Company **Build A Soil LLC**

Submitted By _____

Sample Location			The Bomb	The Bomb				
Sample ID				AA 8.2				
Lab Number			137	138				
Sample Depth in inches			6	6				
Total Exchange Capacity (M. E.)			12.48	5.27				
pH of Soil Sample			7.7	7.7				
Organic Matter, Percent			54.02	54.02				
ANIONS	SULFUR:	p.p.m.	169	169				
	Mehlich III Phosphorous:	as (P ₂ O ₅) lbs / acre	1032	1032				
EXCHANGEABLE CATIONS	CALCIUM: lbs / acre	Desired Value	3394	1432				
		Value Found	2835	1046				
		Deficit	-559	-386				
	MAGNESIUM: lbs / acre	Desired Value	359	200				
		Value Found	495	234				
		Deficit						
	POTASSIUM: lbs / acre	Desired Value	389	200				
		Value Found	1468	761				
		Deficit						
	SODIUM:	lbs / acre	454	233				
	BASE SATURATION %	Calcium (60 to 70%)		56.79	49.66			
		Magnesium (10 to 20%)		16.53	18.51			
Potassium (2 to 5%)		15.08	18.53					
Sodium (.5 to 3%)		7.91	9.61					
Other Bases (Variable)		3.70	3.70					
Exchangable Hydrogen (10 to 15%)		0.00	0.00					
TRACE ELEMENTS	Boron (p.p.m.)		1	1				
	Iron (p.p.m.)		86	86				
	Manganese (p.p.m.)		13	13				
	Copper (p.p.m.)		5.27	5.27				
	Zinc (p.p.m.)		15.99	15.99				
	Aluminum (p.p.m.)		6	6				
OTHER	Cobalt ppm		< 0.02					
	Molybdenum ppm		0.02					
	Ammonium (p.p.m.)		8.8					
	Nitrate (p.p.m.)		61.5					
	Selenium ppm		0.1					
	Silicon ppm		6.4					
	EC mmhos/cm		1.27					
	Media Density g/cm3		0.15					