

Soil Report

Job Name **Jeremy Silva**

Date **1/7/2019**

Company **Build A Soil LLC**

Submitted By _____

Sample Location	Vesco	Vesco			
Sample ID		AA 8.2			
Lab Number	1	2			
Sample Depth in inches	6	6			
Total Exchange Capacity (M. E.)	16.66	11.37			
pH of Soil Sample	6.9	6.9			
Organic Matter, Percent	54.11	54.11			
ANIONS	SULFUR: p.p.m.	34	34		
	Mehlich III Phosphorous: as (P ₂ O ₅) lbs / acre	1233	1233		
EXCHANGEABLE CATIONS	CALCIUM: Desired Value lbs / acre	4531	3092		
	Value Found	2618	1741		
	Deficit	-1913	-1351		
	MAGNESIUM: Desired Value lbs / acre	479	327		
Value Found	697	468			
Deficit					
POTASSIUM: Desired Value lbs / acre	519	354			
Value Found	3910	2816			
Deficit					
SODIUM: lbs / acre	550	357			
BASE SATURATION %	Calcium (60 to 70%)	39.29	38.28		
	Magnesium (10 to 20%)	17.43	17.15		
	Potassium (2 to 5%)	30.09	31.75		
	Sodium (.5 to 3%)	7.18	6.83		
	Other Bases (Variable)	4.50	4.50		
	Exchangable Hydrogen (10 to 15%)	1.50	1.50		
TRACE ELEMENTS	Boron (p.p.m.)	3.54	3.54		
	Iron (p.p.m.)	20	20		
	Manganese (p.p.m.)	11	11		
	Copper (p.p.m.)	0.43	0.43		
	Zinc (p.p.m.)	40.58	40.58		
	Aluminum (p.p.m.)	5	5		
OTHER	Cobalt ppm	0.051			
	Molybdenum ppm	0.42			
	Ammonium (p.p.m.)	0.2			
	Nitrate (p.p.m.)	831.7			
	Selenium ppm	0.02			
	Silicon ppm	7.7			
	EC mmhos/cm	3.11			
	Media Density g/cm3	0.34			