

# Soil Report

Job Name Earth Care Farm

Date 4/15/2020

Company Earth Care Farm

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

Sample Location		Potting			
Sample ID		Soil			
Lab Number		21			
Sample Depth in inches		6			
Total Exchange Capacity (M. E.)		22.44			
pH of Soil Sample		6.8			
Organic Matter, Percent		17.27			
<b>ANIONS</b>	<b>SULFUR:</b> p.p.m.	64			
	<b>Mehlich III Phosphorous:</b> as (P <sub>2</sub> O <sub>5</sub> ) lbs / acre	607			
<b>EXCHANGEABLE CATIONS</b>	<b>CALCIUM:</b> Desired Value lbs / acre Value Found Deficit	6103 6770			
	<b>MAGNESIUM:</b> Desired Value lbs / acre Value Found Deficit	646 472 -174			
	<b>POTASSIUM:</b> Desired Value lbs / acre Value Found Deficit	700 756			
	<b>SODIUM:</b> lbs / acre	402			
<b>BASE SATURATION %</b>	Calcium (60 to 70%)	75.43			
	Magnesium (10 to 20%)	8.76			
	Potassium (2 to 5%)	4.32			
	Sodium (.5 to 3%)	3.89			
	Other Bases (Variable)	4.60			
	Exchangeable Hydrogen (10 to 15%)	3.00			
<b>TRACE ELEMENTS</b>	Boron (p.p.m.)	0.44			
	Iron (p.p.m.)	185			
	Manganese (p.p.m.)	16			
	Copper (p.p.m.)	0.8			
	Zinc (p.p.m.)	5.31			
	Aluminum (p.p.m.)	65			
<b>OTHER</b>	Cobalt ppm	0.09			
	Molybdenum ppm	0.67			
	Ammonium (p.p.m.)	3.9			
	Nitrate (p.p.m.)	62			
	Selenium ppm	0.51			
	Silicon ppm	2.5			
	Estimated Nitrogen Release #N	129			
	EC mmhos/cm	0.73			
	Media Density g/cm3	0.4			