

Soil Report

Job Name: **Dirtcraft Organics**

Date: 5/26/2022

Company: **Dirtcraft Organics**

Submitted By:

Sample Location		BP-400				
Sample ID						
Lab Number		12				
Sample Depth in inches		6				
Total Exchange Capacity (M. E.)		5.61				
pH of Soil Sample		6.2				
Organic Matter, Percent		31.32				
ANIONS	SULFUR: p.p.m.	8				
	Mehlich III Phosphorous: as (P ₂ O ₅) lbs / acre	120				
EXCHANGEABLE CATIONS	CALCIUM: lbs / acre Desired Value Value Found Deficit	825				
	MAGNESIUM: lbs / acre Desired Value Value Found Deficit	351				
	POTASSIUM: lbs / acre Desired Value Value Found Deficit	764				
	SODIUM: lbs / acre	64				
BASE SATURATION %	Calcium (60 to 70%)	36.77				
	Magnesium (10 to 20%)	26.07				
	Potassium (2 to 5%)	17.46				
	Sodium (.5 to 3%)	2.48				
	Other Bases (Variable)	5.20				
	Exchangeable Hydrogen (10 to 15%)	12.00				
TRACE ELEMENTS	Boron (p.p.m.)	0.76				
	Iron (p.p.m.)	64				
	Manganese (p.p.m.)	8				
	Copper (p.p.m.)	0.2				
	Zinc (p.p.m.)	1.96				
	Aluminum (p.p.m.)	86				
OTHER	Ammonium (p.p.m.)	26				
	Nitrate (p.p.m.)	72.6				
	Media Density g/cm ³	0.18				

Saturated Paste Report

Job Name **Dirtcraft Organics**

Date **5/26/2022**

Company **Dirtcraft Organics**

Submitted By

<i>Sample Location</i>		BP-400				
<i>Sample ID</i>						
<i>Lab Number</i>		181900				
<i>Water Used</i>		DI				
<i>pH</i>		6.2				
<i>Soluble Salts</i> ppm		74				
<i>Chloride (Cl)</i> ppm		12				
<i>Bicarbonate (HCO3)</i> ppm		45				
ANIONS	SULFUR ppm	2.2				
	PHOSPHORUS ppm	3.39				
SOLUBLE CATIONS	CALCIUM ppm	3.22				
		meq/l	0.16			
	MAGNESIUM ppm	2.19				
		meq/l	0.18			
	POTASSIUM: ppm	28.84				
		meq/l	0.75			
	SODIUM ppm	1.43				
		meq/l	0.06			
PERCENT	Calcium	13.93				
	Magnesium	15.83				
	Potassium	64.88				
	Sodium	5.37				
TRACE ELEMENTS	Boron (p.p.m.)	0.1				
	Iron (p.p.m.)	6.04				
	Manganese (p.p.m.)	0.05				
	Copper (p.p.m.)	< 0.02				
	Zinc (p.p.m.)	0.02				
	Aluminum (p.p.m.)	4.86				
OTHER						