

Soil Report

Job Name [REDACTED] Date 12/16/2020

Company Urth Organic Corporation Submitted By [REDACTED]

Sample Location					
Sample ID		Ranch			
Lab Number		1			
Sample Depth in inches		12			
Total Exchange Capacity (M. E.)		11.17			
pH of Soil Sample		7.8			
Organic Matter, Percent		1.47			
ANIONS	SULFUR: p.p.m.	18			
	Mehlich III Phosphorous: as (P ₂ O ₅) lbs / acre	825			
EXCHANGEABLE CATIONS	CALCIUM: lbs / acre Desired Value Value Found Deficit	6225			
	MAGNESIUM: lbs / acre Desired Value Value Found Deficit	1090			
	POTASSIUM: lbs / acre Desired Value Value Found Deficit	824			
	SODIUM: lbs / acre	173			
BASE SATURATION %	Calcium (60 to 70%)	69.66			
	Magnesium (10 to 20%)	20.33			
	Potassium (2 to 5%)	4.73			
	Sodium (.5 to 3%)	1.68			
	Other Bases (Variable)	3.60			
	Exchangeable Hydrogen (10 to 15%)	0.00			
TRACE ELEMENTS	Boron (p.p.m.)	0.65			
	Iron (p.p.m.)	215			
	Manganese (p.p.m.)	107			
	Copper (p.p.m.)	6.87			
	Zinc (p.p.m.)	5.74			
	Aluminum (p.p.m.)	399			
OTHER	Carbon %	0.88			
	C/N	12.22			
	Ammonium (p.p.m.)	0.6			
	Nitrogen ppm	700			
	Nitrate (p.p.m.)	12.9			
	Media Density g/cm3	1.1			