

Soil Report

Job Name: **Grow Organic LLC**

Date: 6/11/2020

Company: **Grow Organic LLC**

Submitted By:

Sample Location		C	P	T	B		
Sample ID							
Lab Number		118	119	120	121		
Sample Depth in inches		6	6	6	6		
Total Exchange Capacity (M. E.)		13.68	20.77	19.42	16.73		
pH of Soil Sample		6.8	7.4	7.1	6.4		
Organic Matter, Percent		31.69	16.09	9.10	7.79		
ANIONS	SULFUR: p.p.m.	63	66	98	112		
	Mehlich III Phosphorous: as (P ₂ O ₅) lbs / acre	783	1336	922	511		
EXCHANGEABLE CATIONS	CALCIUM: lbs / acre	Desired Value 3720 Value Found 3992 Deficit	5650 5885	5283 5773	4551 4234 -317		
	MAGNESIUM: lbs / acre	Desired Value 393 Value Found 369 Deficit -24	598 706	559 565	481 602		
	POTASSIUM: lbs / acre	Desired Value 426 Value Found 758 Deficit	648 1587	606 1267	522 916		
	SODIUM: lbs / acre	69	116	81	57		
	BASE SATURATION %	Calcium (60 to 70%)	72.96	70.82	74.30	63.25	
		Magnesium (10 to 20%)	11.24	14.16	12.12	14.99	
		Potassium (2 to 5%)	7.10	9.79	8.36	7.02	
		Sodium (.5 to 3%)	1.10	1.22	0.90	0.74	
	Other Bases (Variable)	4.60	4.00	4.30	5.00		
	Exchangeable Hydrogen (10 to 15%)	3.00	0.00	0.00	9.00		
TRACE ELEMENTS	Boron (p.p.m.)	0.69	0.93	0.88	0.68		
	Iron (p.p.m.)	209	275	237	275		
	Manganese (p.p.m.)	46	42	32	32		
	Copper (p.p.m.)	7.25	3.87	7.94	3.76		
	Zinc (p.p.m.)	6.3	7.06	10.19	3.12		
	Aluminum (p.p.m.)	469	350	606	822		
OTHER	Media Density g/cm3	0.45					