



REALTIME CROP MONITORING

6th November 2019

Paddock

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2018-11-19

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Sample 3

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DATE:

SAMPLE ID:

CLIENT:

DATE SAMPLED:

Address:

Lab Number:

CROP:

ANALYSIS RESULTS

ELEMENT	ELEMENT		STATUS		
	DESIRED	FOUND	LIGHT	MEDIUM	HEAVY
CEC	2.5 - 10	45.4	[Orange bar spanning all three status categories]		
TEC	0 - 0	52.4288	[Orange bar in LIGHT category]		
			DEFICIT	IDEAL	HIGH
PH-Level (H2O)	3.1 - 12.4 pH	6.4 pH	[Orange bar spanning DEFICIT and IDEAL]		
PH-Level (CaCl2)	0 - 0 pH	0 pH	[Orange bar in DEFICIT category]		
Conductivity (EC)	0.05 - 0.2 mS/cm	0.379 mS/cm	[Orange bar in DEFICIT category]		
Organic Carbon	1.75 - 7 %	3.21 %	[Orange bar spanning DEFICIT and IDEAL]		
Organic Matter	1.25 - 5 %	7.9 %	[Orange bar spanning DEFICIT, IDEAL, and HIGH]		
RATIOS					
Total Nitrogen	6 - 24 %	16 %	[Blue bar spanning DEFICIT and IDEAL]		
Total Carbon	1.75 - 7 %	3.21 %	[Blue bar spanning DEFICIT and IDEAL]		
MAJOR ELEMENTS					
No3 - Nitrate Nitrogen	5 - 20 ppm	2.6 ppm	[Green bar in DEFICIT category]		
Nh3 - Ammonium Nitrogen	6 - 24 ppm	16 ppm	[Green bar spanning DEFICIT and IDEAL]		
P - Phosphorus (Mehlick III)	15 - 60 ppm	34 ppm	[Green bar spanning DEFICIT and IDEAL]		
P - Phosphorus (Bray 2)	20 - 80 ppm	0 ppm	[Green bar in DEFICIT category]		
P - Phosphate (Morgan)	2.5 - 10 ppm	4.1 ppm	[Green bar spanning DEFICIT and IDEAL]		

P - Phosphate (Colwell)	25 - 100 ppm	0 ppm	
TRACE ELEMENTS			
S - Sulfur	0 - 0 ppm	0 ppm	
B - Boron	0.5 - 2 ppm	0.7 ppm	
Mn - Manganese	7.5 - 30 ppm	24.84 ppm	
Cu - Copper	0.6 - 2.4 ppm	0.73 ppm	
Zn - Zinc	1.5 - 6 ppm	1.35 ppm	
Ir - Iron	7.5 - 30 ppm	291.32 ppm	
Al - Aluminium	6.75 - 27 ppm	0 ppm	
Si - Silicon	17.5 - 70 ppm	0 ppm	
BASE SATURATION			
Ca - Calcium	30 - 120 %	57.75 %	
Mg - Magnesium	10 - 40 %	26.72 %	
K - Potassium	4 - 16 %	0.67 %	
Na - Sodium	1.5 - 6 %	2.12 %	
Other Bases	0 - 0 %	0 %	
Hydrogen	0 - 0 %	9 %	
SOLUBLE MORGAN 2 EXTRACT			
Ca - Calcium	0 - 0 %	0 %	
Mg - Magnesium	0.5 - 2 %	0.7 %	
K - Potassium	7.5 - 30 %	24.84 %	
ADDITIONAL DATA			
Ca - Calcium	0 - 0 %	0 %	
			LOW IDEAL EXCELLENT