

DATE: 27th November 2019

CLIENT: Ben

ADDRESS: scottsdale

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SAMPLE ID: Sdale

DATE SAMPLED: 2006-01-05

LAB NUMBER: RP S05127

CROP: PDK 1-5

ANALYSIS RESULTS

ELEMENT			STATUS					
DESIRED	FOUND	LIGHT	MEDIUM	HEAVY	DEFICIT	IDEAL	HIGH	
CEC		17						
TEC	Medium Soil	20						
PH-Level (H2O)	6.5	6.3 pH						
PH-Level (CaCl2)		5.6 pH						
Conductivity (EC)	0.075 - 0.3 mS/cm	0.1 mS/cm						
Organic Carbon	1.75 - 7 %	4.3 %						
Organic Matter	2.25 - 9 %	0.0 %						
RATIOS								
Total Nitrogen	9 - 36 %	3.0 %						
Total Carbon	1.75 - 7 %	4.3 %						
MAJOR ELEMENTS								
No3 - Nitrate Nitrogen	6.5 - 26 ppm	28 ppm						
Nh3 - Ammonium Nitrogen	9 - 36 ppm	3 ppm						
P - Phosphorus (Mehlick III)	15 - 60 ppm	0 ppm						
P - Phosphorus (Bray 2)	30 - 120 ppm	0 ppm						
P - Phosphate (Morgan)	6 - 24 ppm	169 ppm						
P - Phosphate (Colwell)	25 - 100 ppm	0 ppm						
TRACE ELEMENTS								
S - Sulfur	0 - 0 ppm	14 ppm						
B - Boron	0.85 - 3.4 ppm	1 ppm						
Mn - Manganese	11 - 44 ppm	29 ppm						
Cu - Copper	1 - 4 ppm	4 ppm						
Zn - Zinc	2.5 - 10 ppm	4 ppm						
Ir - Iron	11 - 44 ppm	47 ppm						
Al - Aluminium	22.5 - 90 ppm	0 ppm						
Si - Silicon	22.5 - 90 ppm	0 ppm						
BASE SATURATION								

Ca - Calcium	60 %	69.77 %			
Mg - Magnesium	20 %	10.03 %			
K - Potassium	7 %	5.78 %			
Na - Sodium	1.5 %	0.92 %			
Other Bases	5.1 %	5.10 %			
Hydrogen	10.5 %	10.50 %			
SOLUBLE MORGAN 2 EXTRACT					
Ca - Calcium	0 - 0 %	14 %			
Mg - Magnesium	0.85 - 3.4 %	1 %			
K - Potassium	11 - 44 %	29 %			
ADDITIONAL DATA			LOW	IDEAL	EXCELLENT
Ca - Calcium	0 - 0 %	14 %			