

DATE:  
NAME:  
ADDRESS:

07/14/2025  
Franz Hentze  
NTS HQ

LAND USE:  
PADDOCK:  
SAMPLE REC:  
EMAIL:

Ginger  
Demo  
07/02/2025  
skmorrison181@gmail.com



ALBRECHT CATEGORY	YOUR LEVEL	ACCEPTABLE RANGE	DEFICIENT	ACCEPTABLE	EXCESSIVE OR TOXIC
CEC	27.07				
TEC	27.07				
Paramagnetism	230.00	200 - 1000			
pH-level (1:5 water)	8.10	6 - 6.8			
Organic Matter (Calc)	5.95 %	4 - 10 %			
Organic Carbon (LECO)	3.40 %	2 - 5 %			
Conductivity (1:5 water)	0.30 mS/cm	0.1 - 0.2 mS/cm			
Ca/Mg Ratio	2.73 :1	5.7 :1			
Nitrate-N (KCl)	7.70 ppm	10 - 20 ppm			
Ammonium-N (KCl)	3.70 ppm	10 - 20 ppm			
Phosphorus (Mehlich III)	15.20 ppm	50 - 70 ppm			
Calcium (Mehlich III)	3620.00 ppm	3684.5 ppm			
Magnesium (Mehlich III)	797.00 ppm	390 ppm			
Potassium (Mehlich III)	575.00 ppm	317 - 528 ppm			
Sodium (Mehlich III)	179.00 ppm	31 - 93 ppm			
Sulfur (KCl)	22.00 ppm	30 - 50 ppm			
Aluminium	6.90 ppm	0 - 12 ppm			
Silicon (CaCl2)	42.00 ppm	100 - 1000 ppm			
Boron (Hot CaCl2)	2.60 ppm	1 - 3 ppm			
Iron (DTPA)	28.80 ppm	40 - 200 ppm			
Manganese (DTPA)	10.40 ppm	30 - 100 ppm			
Copper (DTPA)	10.50 ppm	2 - 7 ppm			
Zinc (DTPA)	27.10 ppm	5 - 10 ppm			
Texture	Loam				
Colour	Brownish				
<b>Base Saturation</b> (Levels are not relevant in soils with a TEC below 5)					
Calcium	66.86 %	68.10 %			
Magnesium	24.53 %	12.00 %			
Potassium	5.45 %	3.00 - 5.00 %			
Sodium	2.87 %	0.50 - 1.50 %			
Aluminum	0.28 %	0.50 %			
Hydrogen	0.00 %	10.00 %			
Other Bases	0.00 %	5.00 %			
LAMOTTE/REAMS CATEGORY	YOUR LEVEL	IDEAL LEVEL	NUTRIENT STATUS		
			LOW	MEDIUM	HIGH
Calcium	4540.00 ppm	1000 - 2000 ppm			
Magnesium	757.00 ppm	140 - 285 ppm			
Phosphorus	4.90 ppm	7 - 30 ppm			
Potassium	418.00 ppm	80 - 100 ppm			
<b>Explanatory Notes</b> The La Motte test gives an indication of the amount of plant available nutrients at the time of sampling.					