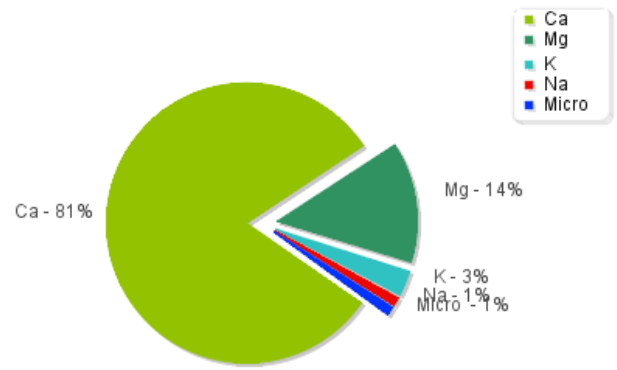


Sample Date: 2019-05-16

Contact Name: Site in Field:
 Address: Crop: Grape: Wine
 - Report Number: 110270474
 Start Depth: 1
 Start Depth: 20

Current Cation Ratio



Analyte	Value	Results					Comments
		Very Low	Low	Optimal	High	Very High	
Gravel	0 %						
Electrical Conductivity	0.2 dS/ m			OPT			
pH (Water)	7.8					VH	
pH (calcium chloride)	7.1					VH	
Aluminium Saturation	0.14 %			OPT			
Acid Saturation	0.28 %			OPT			
Organic Carbon	1.02 %		L				The use of organic products is strongly advised to improve the soil health. Apply 20 litres of K- Humate 26% per ha as a soil application and follow up on the next crop.
Nitrate	3	VL					
Ammonium	2	VL					
Sulfur	13			OPT			
Phosphorus	93			OPT			
PBI	73				H		
Total Phosphorus	NR						
Chloride	36				H		
	MEQ/100g						
Calcium	2340	11.7				VH	
Magnesium	235.2	1.96			OPT		
Potassium	144.3	0.37			OPT		
Sodium	41.4	0.18			OPT		
Hydrogen	0.2	0.02			OPT		
Aluminium	1.8	0.02			OPT		
Iron (DTPA)	29	0.104		L			Iron is essential for chlorophyll development and it plays a role in energy transfer in the plant. Increase Iron in the soil and foliar program.
Manganese (DTPA)	13	0.047		L			Some of the roles Manganese plays are photosynthesis and the reduction of nitrate. Increase Manganese in the soil and foliar program.

Zinc (DTPA)	2.8	0.009	OPT	
Copper (DTPA)	2.9	0.009		VH
Total Exchange Capacity		14.42		
Boron	0.4		VL	OrganiBOR At 15 kg/ ha This soil is low in Boron. Use OrganiBor as a soil application and Omnibor15% as a foliar spray.
Molybdenum	0.56		OPT	
Calcium:Magnesium Ratio	6:1			
Calcium:Boron Ratio	5558:1			
General Comments				

Disclaimer:

Omnia do not take responsibility for any loss in potential yield or hold themselves responsible for any damage caused as a result of this soil report. It is understood by the user of this soil report that they have been compiled from anticipated field and environmental conditions. Every effort has been made by Omnia to correctly recommend their products in such a manner that satisfactory yields can be obtained under normal conditions.

Extraction Methods:

Omnia uses industry standard DTPA extraction methods for micro values, and the Cowell extraction method for Phosphorus readings.