

Report generated for:

~~XXXXXXXXXX~~
~~XXXXXXXXXX~~
~~XXXXXXXXXX~~

Jeff Davis County
Laboratory Number: 463081
Customer Sample ID: 1
Crop Grown: GRAPES

Soil Analysis Report

Soil, Water and Forage Testing Laboratory
Department of Soil and Crop Sciences
2478 TAMU
College Station, TX 77843-2478
979-845-4816 (phone)
979-845-5958 (FAX)
Visit our website: <http://soiltesting.tamu.edu>

Sample received on: 6/7/2016
Printed on: 6/16/2016
Area Represented: 25 acres

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.	Fertilizer Recommended	
pH	8.0	(5.8)	-	Mod. Alkaline								
Conductivity	186	(-)	umho/cm	None						CL*		
Nitrate-N	0	(-)	ppm**								20 lbs N/acre	
Phosphorus	13	(50)	ppm								20 lbs P2O5/acre	
Potassium	218	(150)	ppm								0 lbs K2O/acre	
Calcium	5,529	(180)	ppm								0 lbs Ca/acre	
Magnesium	148	(50)	ppm								0 lbs Mg/acre	
Sulfur	1	(13)	ppm								15 lbs S/acre	
Sodium	11	(-)	ppm									
Iron	5.57	(4.25)	ppm									
Zinc	0.02	(0.27)	ppm								4 lbs Zn/acre	
Manganese	4.99	(1.00)	ppm								0 lbs Mn/acre	
Copper	0.21	(0.16)	ppm								0 lbs Cu/acre	
Boron	0.11	(0.60)	ppm								1 lbs B/acre	
Limestone Requirement										0.00 tons 100ECCE/acre		
Limestone Requirement (Chemical Test)										0.0 tons 100ECCE/acre		
Detailed Salinity Test (Saturated Paste Extract)												
pH										7.4		
Conductivity										0.47 mmhos/cm		
Sodium										58 ppm	2.545 meq/L	
Potassium										9 ppm	0.226 meq/L	
Calcium										46 ppm	2.309 meq/L	
Magnesium										4 ppm	0.329 meq/L	
Organic Matter	1.59	%										
SAR										2.22		
SSP										47.04		

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Sulfur: Available sulfur may be found deeper in soil profile, thus limiting any response to added sulfur.

Zinc: Zinc recommendation is based on single broadcast application each 2-3 years.

Boron: Deep rooted perennial crops may not respond due to deeper profile boron.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
<http://soiltesting.tamu.edu/webpages/calculator.html>