TEXAS A&M AGRILIFE EXTENSION

Soil Analysis Report

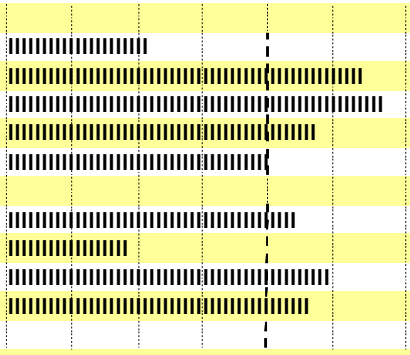
Soil, Water and Forage Testing Laboratory
Department of Soil and Crop Sciences
2478 TAMU
College Station, TX 77843-2478
979-845-4816 (phone)
979-845-5958 (FAX)
Visit our website: http://soiltesting.tamu.edu

Report generated for:
Aimee Ransleben
685 Hodges Ranch Rd
STONEWALL, TX 78671

Sample received on: 5/22/2019
Printed on: 5/28/2019
Area Represented: 5 acres

Gillespie County
Laboratory Number: 534637
Customer Sample ID: R-N
Crop Grown: GRAPES

Analysis	Results	CL*	Units	ExLow / VLow / Low / Mod / High / VHigh / Excess.	Fertilizer Recommended
pH	**8.0**	(5.8)	-	**Mod. Alkaline**	
Conductivity	**158**	(-)	umho/cm	**None**	
Nitrate-N	**1**	(-)	ppm**		**20** lbs N/acre
Phosphorus	**9**	(50)	ppm		**25** lbs P2O5/acre
Potassium	**378**	(150)	ppm		**0** lbs K20/acre
Calcium	**16,766**	(180)	ppm		**0** lbs Ca/acre
Magnesium	**163**	(50)	ppm		**0** lbs Mg/acre
Sulfur	**10**	(13)	ppm		**5** lbs S/acre
Sodium	**3**	(-)	ppm		
Iron	**4.23**	(4.25)	ppm		
Zinc	**0.13**	(0.27)	ppm		**3** lbs Zn/acre
Manganese	**2.71**	(1.00)	ppm		**0** lbs Mn/acre
Copper	**0.32**	(0.16)	ppm		**0** lbs Cu/acre
Boron					
Limestone Requirement					**0.00** tons 100ECCE/acre



*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.

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

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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685 Hodges Ranch Rd
STONEWALL, TX 78671

Sample received on: 5/22/2019
Printed on: 5/28/2019
Area Represented: 5 acres

Gillespie County
Laboratory Number: 534638
Customer Sample ID: R-W
Crop Grown: GRAPES

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.	Fertilizer Recommended
pH	**8.0**	(5.8)	-	**Mod. Alkaline**							
Conductivity	**198**	(-)	umho/cm	**None**				CL*			
Nitrate-N	**0**	(-)	ppm**								**20** lbs N/acre
Phosphorus	**4**	(50)	ppm								**25** lbs P2O5/acre
Potassium	**316**	(150)	ppm								**0** lbs K20/acre
Calcium	**14,391**	(180)	ppm								**0** lbs Ca/acre
Magnesium	**239**	(50)	ppm								**0** lbs Mg/acre
Sulfur	**11**	(13)	ppm								**5** lbs S/acre
Sodium	**1**	(-)	ppm								
Iron	**8.48**	(4.25)	ppm								
Zinc	**0.39**	(0.27)	ppm								**0** lbs Zn/acre
Manganese	**3.18**	(1.00)	ppm								**0** lbs Mn/acre
Copper	**0.58**	(0.16)	ppm								**0** lbs Cu/acre
Boron											
Limestone Requirement											**0.00** tons 100ECCE/acre

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