

Report generated for:
City of Leander
Kenley Crowder
PO Box 319
Leander, TX 78646

Travis County
Laboratory Number: 450811
Customer Sample ID: SI

Crop Grown: RYEGRASS , MODERATE GRAZING

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: 1/28/2016

Printed on: 2/10/2016

Area Represented: 72 acres

SWFTL recommends <40 acres/sample

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.	Fertilizer Recommended		
pH	7.8	(6)	-	Mod. Alkaline									
Conductivity	389	(-)	umho/cm	None									
Nitrate-N	5	(-)	ppm**	CL*								120 lbs N/acre	
Phosphorus	13	(50)	ppm									40 lbs P2O5/acre	
Potassium	378	(125)	ppm									0 lbs K2O/acre	
Calcium	12,462	(180)	ppm									0 lbs Ca/acre	
Magnesium	299	(50)	ppm									0 lbs Mg/acre	
Sulfur	15	(13)	ppm									0 lbs S/acre	
Sodium	187	(-)	ppm										
Iron													
Zinc													
Manganese													
Copper													
Boron													
Limestone Requirement											0.00 tons 100ECCE/acre		
Detailed Salinity Test (Saturated Paste Extract)													
pH												6.3	
Conductivity												1.10 mmhos/cm	
Sodium												70 ppm	3.032 meq/L
Potassium												11 ppm	0.270 meq/L
Calcium												163 ppm	8.147 meq/L
Magnesium												27 ppm	2.187 meq/L
SAR												1.33	
SSP												22.24	

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

Nitrogen: Apply 1/2 of nitrogen at preplant and topdress remainder of nitrogen after 4 to 6 weeks of grazing.

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>

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Crop Grown: IMPROVED AND HYBRID BERMUDA GRASS (ESTABLISHMENT)

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Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.		
pH	7.8	(5.8)	-	Mod. Alkaline								
Conductivity	389	(-)	umho/cm	None							CL*	Fertilizer Recommended
Nitrate-N	5	(-)	ppm**									30 lbs N/acre
Phosphorus	13	(50)	ppm									75 lbs P2O5/acre
Potassium	378	(125)	ppm									0 lbs K2O/acre
Calcium	12,462	(180)	ppm									0 lbs Ca/acre
Magnesium	299	(50)	ppm									0 lbs Mg/acre
Sulfur	15	(13)	ppm									0 lbs S/acre
Sodium	187	(-)	ppm									
Iron												
Zinc												
Manganese												
Copper												
Boron												
Limestone Requirement											0.00 tons 100ECCE/acre	
Detailed Salinity Test (Saturated Paste Extract)												
	pH	6.3										
	Conductivity	1.10 mmhos/cm										
	Sodium	70 ppm	3.032 meq/L									
	Potassium	11 ppm	0.270 meq/L									
	Calcium	163 ppm	8.147 meq/L									
	Magnesium	27 ppm	2.187 meq/L									
	SAR	1.33										
	SSP	22.24										

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

Nitrogen: Apply an additional 40 lbs/A of nitrogen upon 75% vegetative cover.

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