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

Sample received on: 1/25/2016
Printed on: 2/8/2016
Area Represented: 4.32 acres

Travis County
Laboratory Number: 450439
Customer Sample ID: SI
Crop Grown: IMPROVED AND HYBRID BERMUDA GRASS (ESTABLISHMENT)

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.	Fertilizer Recommended
pH	8.0	(5.8)	-	Mod. Alkaline							
Conductivity	347	(-)	umho/cm	None			CL*				
Nitrate-N	1	(-)	ppm**								35 lbs N/acre
Phosphorus	23	(50)	ppm								55 lbs P2O5/acre
Potassium	236	(125)	ppm								0 lbs K2O/acre
Calcium	16,873	(180)	ppm								0 lbs Ca/acre
Magnesium	320	(50)	ppm								0 lbs Mg/acre
Sulfur	32	(13)	ppm								0 lbs S/acre
Sodium	56	(-)	ppm								
Iron											
Zinc											
Manganese											
Copper											
Boron											
Limestone Requirement											0.00 tons 100ECCE/acre

Detailed Salinity Test (Saturated Paste Extract)		
pH	7.2	
Conductivity	0.94 mmhos/cm	
Sodium	67 ppm	2.904 meq/L
Potassium	14 ppm	0.363 meq/L
Calcium	130 ppm	6.508 meq/L
Magnesium	13 ppm	1.100 meq/L
SAR	1.49	
SSP	26.70	

*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.

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.

ProAnalysis Ver. 2.19

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Nitrogen: Apply 1/2 of nitrogen at preplant and topdress remainder of nitrogen after 4 to 5 weeks of grazing.

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