

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: 1/22/2016
 Printed on: 1/29/2016
 Area Represented: 5.97 acres

Travis County
 Laboratory Number: 450261
 Customer Sample ID: DI

Crop Grown: IMPROVED AND HYBRID BERMUDA GRASS (ESTABLISHMENT)

Analysis	Results	CL*	Units	Mod. Alkaline					Fertilizer Recommended
				ExLow	VLow	Low	Mod	High	
pH	7.9	(5.8)	-						
Conductivity	252	(-)	umho/cm						
Nitrate-N	1	(-)	ppm**						35 lbs N/acre
Phosphate	12	(50)	ppm						75 lbs P2O5/acre
Potassium	220	(125)	ppm						0 lbs K2O/acre
Calcium	13,261	(180)	ppm						0 lbs Ca/acre
Magnesium	499	(50)	ppm						0 lbs Mg/acre
Sulfur	10	(13)	ppm						5 lbs S/acre
Sodium	4	(-)	ppm						
Iron									
Zinc									
Manganese									
Copper									
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

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

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

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: COMMON BERMUDA GRASS (ESTABLISHMENT)

Analysis	Results	CL*	Units	Mod. Alkaline	ExLow	VLow	Low	Mod	High	VHigh	Excess	Fertilizer Recommended
pH	7.9	(5.8)	-									
Conductivity	252	(-)	umho/cm	None								
Nitrate-N	1	(-)	ppm**									35 lbs N/acre
Phosphorus	12	(50)	ppm									75 lbs P2O5/acre
Potassium	220	(125)	ppm									0 lbs K2O/acre
Calcium	13,261	(180)	ppm									0 lbs Ca/acre
Magnesium	499	(50)	ppm									0 lbs Mg/acre
Sulfur	10	(13)	ppm									5 lbs S/acre
Sodium	4	(-)	ppm									
Iron												
Zinc												
Manganese												
Copper												
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

Nitrogen: Apply an additional 60 lbs/A of nitrogen prior to each four to six week graze down..

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

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Crop Grown: RYEGRASS (SOD SEEDS)

Analysis	Results	CL*	Units	Mod. Alkaline	ExLow	VLow	Low	Mod	High	VHigh	Excess	Fertilizer Recommended
pH	7.9	(6)	-									
Conductivity	252	(-)	umho/cm	None								35 lbs N/acre
Nitrate-N	1	(-)	ppm**									75 lbs P2O5/acre
Phosphorus	12	(50)	ppm									0 lbs K2O/acre
Potassium	220	(125)	ppm									0 lbs Cal/acre
Calcium	13,261	(180)	ppm									0 lbs Mg/acre
Magnesium	499	(50)	ppm									5 lbs S/acre
Sulfur	10	(13)	ppm									
Sodium	4	(-)	ppm									
Iron												
Zinc												
Manganese												
Copper												
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

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

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

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