TEXAS A&M AGRILIFE EXTENSION

Soil Analysis Report

Soil, Water and Forage Testing Laboratory
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Report generated for:
[redacted]

Sample received on: 5/11/2021
Printed on: 5/14/2021
Area Represented: 18 acres

Burleson County
Laboratory Number: [redacted]
Customer Sample ID: East Coastal
Crop Grown: IMPROVED AND HYBRID BERMUDA GRASS (5 HAY CUTTINGS-2 TONS/A AVG.)

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.
pH	**6.8**	(5.8)	-	**Slightly Acid**						
Conductivity	**143**	(-)	umho/cm	**None**			CL*			**Fertilizer Recommended**
Nitrate-N	**1**	(-)	ppm**							**95** lbs N/acre
Phosphorus	**14**	(50)	ppm							**145** lbs P2O5/acre
Potassium	**54**	(180)	ppm							**240** lbs K20/acre
Calcium	**2,249**	(180)	ppm							**0** lbs Ca/acre
Magnesium	**55**	(50)	ppm							**0** lbs Mg/acre
Sulfur	**1**	(13)	ppm							**15** lbs S/acre
Sodium	**4**	(-)	ppm							
Iron	**18.86**	(4.25)	ppm							
Zinc	**0.55**	(0.27)	ppm							**0** lbs Zn/acre
Manganese	**2.09**	(1.00)	ppm							**0** lbs Mn/acre
Copper	**0.08**	(0.16)	ppm							**0.5** 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

Nitrogen: Apply an additional 100 lbs/A of nitrogen for each subsequent hay cuttings.

Potassium: Split apply potassium fertilizer if recommendation is for more than 75 lbs K2O per acre.

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

Copper: Limited supporting research data is currently available.

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.