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)321-5960

Visit our website: http://soiltesting.tamu.edu

Report generated for:
[redacted]

Sample received on: 12/15/2023
Printed on: 12/21/2023
Area Represented: 5 acres

Harris County
Laboratory Number: [redacted]
Customer Sample ID: Topsoil [redacted]
Crop Grown: TURF FAIRWAYS , ATHLETIC FIELDS , ETC.

Analysis	Results	CL*	Units	ExLow VLow Low Mod High VHigh Excess.	Fertilizer Recommended
pH	**6.1**	(6.2)	-	**Slightly Acid**	
Conductivity	**429**	(-)	umho/cm	**None** CL*	
Nitrate-N	**154**	(-)	ppm**		**0** lbs N/acre
Phosphorus	**68**	(50)	ppm		**0** lbs P2O5/acre
Potassium	**158**	(160)	ppm		**0** lbs K20/acre
Calcium	**3,103**	(180)	ppm		**0** lbs Ca/acre
Magnesium	**283**	(50)	ppm		**0** lbs Mg/acre
Sulfur	**47**	(13)	ppm		**0** lbs S/acre
Sodium	**54**	(-)	ppm		
Iron	**74.40**	(4.25)	ppm		
Zinc	**7.23**	(0.27)	ppm		**0** lbs Zn/acre
Manganese	**13.83**	(1.00)	ppm		**0** lbs Mn/acre
Copper	**0.66**	(0.16)	ppm		**0** lbs Cu/acre
Boron	**0.21**	(0.60)	ppm		**1** lbs B/acre
Limestone Requirement					**0.25** tons 100ECCE/acre

Textural Analysis Test (hydrometer)		
Sand	**55**	%
Silt	**32**	%
Clay	**13**	%

Organic Matter	**5.13**	%

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

`

Limestone recommendations are based on 100 ECCE liming products. Limestone applications >3 tons/acre should be made >4 months prior to crop establishment to lessen micro-nutrient availability issues.

Nitrogen: Apply suggested nitrogen rate and then apply 40 lbs/A of nitrogen every 4 to 6 weeks as needed.

Boron: Deep rooted perennial crops may not respond due to deeper profile boron.

Online fertilizer calculators to determine appropriate fertilizers and application rates.
http://soiltesting.tamu.edu

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.