



Agricultural Service Laboratory
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Date: 8/4/2020

Lab Number: 20071240

Soil Report for:

Account: 0000000

Client Id: BRITE, DENNIS

BRITE, DENNIS
 300 RUSHTON RD
 AIKEN SC, 29801

Sample Id: 1

Soil Code: 2

Analysis Results

Soil pH 5.9
 Buffer pH 7.80

			Low	Medium	Sufficient	High	Excessive	
Phosphorus (P)	82	lbs/acre	[Bar extending to Sufficient]					
Potassium (K)	134	lbs/acre	[Bar extending to Sufficient]					
Calcium (Ca)	929	lbs/acre	[Bar extending to Sufficient]					
Magnesium (Mg)	166	lbs/acre	[Bar extending to Sufficient]					
Zinc (Zn)	3.6	lbs/acre	[Bar extending to Sufficient]					
Manganese (Mn)	21	lbs/acre	[Bar extending to Sufficient]					
Boron (B)	0.4	lbs/acre	[Bar extending to Sufficient]					
Copper (Cu)	0.5	lbs/acre	[Bar extending to Sufficient]					
Sodium (Na)	19	lbs/acre	[Bar extending to Sufficient]					
Sulfur (S)		lbs/acre	[Bar extending to Sufficient]					
Soluble Salts		mmhos/cm	[Bar extending to Sufficient]					
Nitrate Nitrogen		ppm	[Bar extending to Sufficient]					
Organic Matter		% (LOI)	[Bar extending to Sufficient]					

Calculations

Base Saturation

Cation Exchange Capacity (CEC)	Acidity	Ca	Mg	K	Na	Total
4.8meq/100g	1.6meq/100g	48%	14%	4%	1%	67%

Recommendations

Lime

Crop

WarmSeasonGrsmaint(sq ft)

14 lbs/1000sq ft

*See Comments: 427,429,535,654

Comments

427 When growth begins in the spring, broadcast 6 lbs 15-0-15 or equivalent fertilizer per 1,000 square feet. In July, broadcast 6 lbs 16-4-8 or equivalent fertilizer per 1,000 square feet.

- 429** The extent of growth can be controlled by the amount of nitrogen fertilizer applied, low maintenance at a rate between 1 to 2 lbs nitrogen per 1,000 square feet per year, high maintenance, between 3 to 5 lbs nitrogen per 1,000 square feet per year. If the grass clippings are removed, the amount of fertilizer applied should be increased by 25% and the turf soil tested every other fall to determine what levels of phosphate and/or potash will be needed to sustain vigorous growth.
- 535** Broadcast dolomitic limestone as recommended, either in the fall or early spring.
- 654** Soil test again next year if either phosphorus (P) or potassium (K) is high or excessive to monitor levels.

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