UF UNIVERSITY of FLORIDA IFAS

UF/IFAS Analytical Services Laboratories
Extension Soil Testing Laboratory
Wallace Building 631 PO Box 110740 Gainesville, FL 32611-0740
Email: soilslab@ifas.ufl.edu Web: soilslab.ifas.ufl.edu Phone #:352-392-1950

Landscape And Vegetable Garden Test Report

For further information contact:

Pat Williams
Wakulla County Coop Extn Service
84 Cedar Ave
Crawfordville FL, 32327-2063
Tel: 850-926-3931
Email: williams.p@ufl.edu

To:
Joe Smith
2390 Mowry Rd
Gainesville FL, 32611

Client Identification: 1

Set Number: E65634

Lab Number: E166839
Report Date: 25-May-21

Crop: Bahiagrass Lawn

SOIL TEST RESULTS AND THEIR INTERPRETATIONS

Target pH:	5.5	This is the pH at which the above crop will grow at its optimum
pH (1:2 Sample:Water)	4.4	This is the pH of your sample in the water medium
A-E Buffer Value:	7.32	Buffer pH is the pH of your soil in Adams-Evans Buffer(A-E Buffer). This is done to determine the lime requirement, which will help increase the soil pH to the target pH level desired by the crop.

MEHLICH-3 EXTRACTABLE

PHOSPHORUS	(mg/Kg or ppm P)
POTASSIUM	(mg/Kg or ppm K)
MAGNESIUM	(mg/Kg or ppm Mg)
CALCIUM	(mg/Kg or ppm Ca)

LOW	MED	HIGH

Only pH and Lime Requirement Test Requested

LIME AND FERTILIZER RECOMMENDATIONS

Crop: Bahiagrass Lawn

Lime: 79	lbs per 1000 sq. ft. per year
Nitrogen(N):	
Phosphorous(P_2O_5):	
Potassium(K_2O):	
Magnesium(Mg):	

These interpretations and recommendations are based upon soil test results and research/experience with the specified crop under Florida's growing conditions. We do not test soil for N as there is no meaningful soil test for predicting N availability. Thus, the N recommendation was developed from research that measured response of the indicated crop to applied N fertilizer. If you expect significant nutrient release from organic sources such as crop residues or organic amendments, estimate the amount mineralized and subtract that amount from the fertilizer recommendations given below to arrive at crop needs.
UF/IFAS fertilizer and lime recommendations are advisory in nature and emphasize efficient fertilizer use and environmentally sound nutrient management without losses of yield or crop quality. It is generally assumed that the nutrients will be supplied from purchased, commercial fertilizer and that expected crop yields and quality will be typical of economically viable production. Growers should consider UF/IFAS recommendations in the context of their entire management strategy, such as return on investment in fertilizer and the benefits of applying manure or biosolids (sewage sludge) to their land.

Footnotes are printed wherever applicable. These footnotes are an integral part of fertilization recommendations. Please read them carefully.
Set Footnote(s): 501, 802, 903

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Note #	Recommendations
501	For details on fertilization, obtain UF/IFAS publication SL21, "General recommendations for Fertilization of Turfgrasses on Florida Soils." The publication is available on the web at http://edis.ifas.ufl.edu/pdffiles/LH/LH01400.pdf or from county Extension offices. These rates are for normal, healthy lawns. These rates may be doubled in certain regions of the state for high maintenance turf. Divide annual rates into 2 to 8 applications depending on location and management levels. Apply no more than 1.0 lb N/1000 sq. ft. per application. Available Phosphate: A maximum rate of 0.25 lb per 1000 sq. ft per application, not to exceed 0.5 lb per 1000 sq. ft. annually.
802	Recommendations are based on the Adams-Evans lime requirement test which is run on all mineral soils. When the recommended amount of lime is incorporated in the surface 6 inches of soil, soil pH should adjust to a level above which additional liming benefit is not expected. Excessive applications of lime can result in nutritional disorders.
903	This report does not contain fertilization recommendations. Pamphlets on fertilization of lawns, vegetable gardens, dooryard fruits, and ornamentals are available from your county Extension service office.

This data report has been issued on the authority of Dr. Rao Mylavarapu, Laboratory Director, Mr. Jamin Bergeron, Laboratory Manager, and Mrs. Nancy Wilkinson, QA Officer, in support of Florida Cooperative Extension Services.