



UNIVERSITY OF  
FLORIDA

EXTENSION

Institute of Food and Agricultural Sciences

1010 N McDuff Avenue  
Jacksonville, FL 32254  
Phone: 904-387-8850  
Fax: 904-387-8902  
Http://duval.ifas.ufl.edu

# SOIL pH TEST REPORT

DATE: \_\_\_\_\_

NAME: \_\_\_\_\_

PHONE: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

ZIP CODE: \_\_\_\_\_

EMAIL ADDRESS: \_\_\_\_\_

FAX NO: \_\_\_\_\_

Please list plants in the area as this may effect recommendations.

PLANTS GROWN: \_\_\_\_\_ ACREAGE: \_\_\_\_\_

Your soil pH test results are listed below:

SAMPLE NUMBER										
LAB NUMBER										
pH LEVEL										
* POUNDS LIME PER 1,000 SQUARE FEET										

## RECOMMENDATIONS:

\_\_\_\_\_ No soil correction is necessary at this time.

\_\_\_\_\_ Refer to \* row above for amount of dolomite lime (not hydrated) per 1,000 square feet of area to increase pH.

\_\_\_\_\_ Your soil pH is too high for sample (s) \_\_\_\_\_. Do not add lime at this time. The addition of organic matter (peat moss) and/or acid fertilizer may help lower soil pH. Acid fertilizers include ammonium sulfate, iron sulfate or a camellia-gardenia-azalea fertilizer. To temporarily lower soil pH, add 5 to 10 pounds of **elemental sulfur** per 1,000 square feet. Never apply more than this amount or it could damage the plant roots.

## WHAT IS THE SOIL REACTION (pH)?

The soil reaction (pH) refers to the degree of acidity (sourness) or alkalinity (sweetness) of a soil. The pH scale was developed to show and measure the soil reaction. The scale ranges from 0 to 14 with 7 being neutral. Numbers below 7 are acid whereas, numbers above 7 are alkaline. The ideal range for many plants is between pH 5.5 and 6.5. With each pH change of one unit, the acidity will change ten fold. For example, a pH of 6.0 is ten times more acid than 7.0, while a pH of 5.0 is 100 times more acid than 7.0.

The Institute of Food and Agricultural Sciences (IFAS) is an Equal Employment Opportunity - Affirmative Action Employer authorized to provide research, educational information and other services only to individuals and institutions that function without regard to race, color, sex, age, disability or national origin. U.S. Department of Agriculture, Cooperative Extension Service, University of Florida, IFAS, Florida A. & M. University Cooperative Extension Program, and Boards of County Commissioners Cooperating.