Report on Soil Test

Auburn University Soil Testing Laboratory

Auburn University, AL 36849-5411

Tom Davis

13600 Tom Gaston Rd

Mobile, AL 36695

County:Mobile

District:3

Test Date:01/28/20

					SOIL TEST RESULTS				RECOMMENDATIONS			
LAB No.	Sample Designation	Crop	Soil Group*	pH**	Phosphorus P***	Potassium K***	Magnesium Mg***	Calcium Ca***	LIME-STONE	N	P_2O_5	K_2O
					Pounds/Acre				Tons/Acre	Pounds/Acre		
04597	Pond fld See Comments 1,2,3,4	Centipede	2	5.0	L 25	M 100	H 80	H 651	1.5	40	40	40

Comment No.1: Soil acidity (low pH) can be corrected with either dolomitic or calcitic lime.

Comment No.2: Per 1,000 sq. ft. apply 8 pounds 13-13-13 or equivalent when spring growth begins.

Comment No.3: 1.0 Ton limestone per acre is approximately equivalent to 50 pounds per 1,000 sq. ft.

Comment No.4: Final remark - For small areas, comments give examples of ways to meet the fertilizer recommendations. Other fertilizer grades or materials that supply equivalent amounts of plant nutrients may be used with equal results. If you need assistance in calculating amounts of other materials to use, contact your county agent or fertilizer supplier. A pint of dry fertilizer is approximately 1 pound.

The number of samples processed in this report is: 1

For further information call your county agent: (251) 574-8445

* 1. Sandy soil (CEC ‹ 4.6 $cmol_c kg^{-1}$)

* 2. Loams and Light clays (CEC = 4.6-9.0 $cmol_c kg^{-1}$)

* 3. Clays and soils high in organic matter (CEC > 9.0 $cmol_c kg^{-1}$)

* 4. Clays of the Blackbelt (CEC > 9.0 $cmol_c kg^{-1}$)

** 7.4 or higher - Alkaline - - - - - - - - - - - - - - 6.6-7.3 - Neutral - - - - - - - - - - - - - 6.5 or lower - Acid - - - - - - - - - - - - -5.5 or lower - Strong Acid

*** Extractable nutrients in pounds per acre

If soil group = 1, 2 or 3, Method of Analysis = Mehlich-1. If soil group = 4, Method of Analysis = Miss/Lancaster.

Approved by:

Print Date: January 28, 2020