



**Agricultural Service Laboratory**  
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Date: 7/21/2017

Lab Number: 17070581

Soil Report for:

Account: COGRNVL

**GREENVILLE SC,**  
**29604**

Client Id:

Sample Id: GvlMiddle

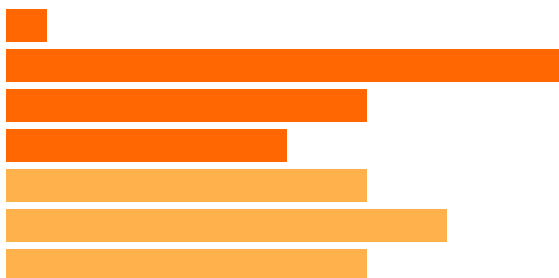
Soil Code: 4

## Analysis Results

Soil pH 5.2  
 Buffer pH 7.50

**Low | Medium | Sufficient | High | Excessive**

Phosphorus (P)	4	lbs/acre
Potassium (K)	198	lbs/acre
Calcium (Ca)	869	lbs/acre
Magnesium (Mg)	86	lbs/acre
Zinc (Zn)	3.6	lbs/acre
Manganese (Mn)	37	lbs/acre
Boron (B)	0.5	lbs/acre
Copper (Cu)	1.6	lbs/acre
Sodium (Na)	10	lbs/acre
Sulfur (S)		lbs/acre
Soluble Salts		mmhos/cm
Nitrate Nitrogen		ppm
Organic Matter		% (LOI)



## Calculations

## Base Saturation

Cation Exchange Capacity (CEC)	Acidity	Ca	Mg	K	Na	Total
6.8meq/100g	4meq/100g	32%	5%	4%	0%	41%

## Recommendations

## Lime

Crop

Ornamental/Shade Trees

87 lbs/1000sq ft

\*See Comments: 331,334,535,654

## Comments

**331** Layout a rectangular area to be fertilized around the tree so that the entire branch spread is included. Determine the area of the rectangle and in the early spring (March 1 ûApril 15),

broadcast 10 lbs triple superphosphate (0-46-0) and either 15 lbs 34-0-0 or 30 lbs calcium nitrate (15.5-0-0) fertilizer per 1,000 square feet.

**334** If grass, ivy, or other plants under the trees are fertilized, it will not be necessary to add fertilizer for the tree.

**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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