

Report Number  
17-172-0061



7621 Whitepine Road, Richmond, VA 23237  
Main 804-743-9401 ° Fax 804-271-6446  
www.waypointanalytical.com

Lab No:  
172123

**PLANT ANALYSIS**

Customer Account Number :

Send To:

Grower:

Report Date : 6/22/2017  
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Field id: **Wrenn's Road**  
Sample Id : **BaF3**

Growth Stage : **Pre-bloom**

Crop : **Cotton**

Plant Part:

	Nitrogen %	Sulfur %	Phosphorus %	Potassium %	Magnesium %	Calcium %	Sodium %	Boron ppm	Zinc ppm	Manganese ppm	Iron ppm	Copper ppm	Aluminum ppm	
Analysis	4.68	0.31	0.40	2.34	0.32	1.70	0.05	21	58	132	305	17	190	
Normal Range	3.00	0.25	0.25	1.50	0.30	2.00	0.00	20	20	25	50	5	1	
	4.49	0.79	0.60	3.00	0.90	3.49	0.15	80	60	351	251	25	200	
	N/S	N/K	P/S	P/Zn	K/Mg	K/Mn	Ca/B	Fe/Mn	Ca/K	Ca/Mg				
Actual Ratio	15.1	2.0	1.3	69.0	7.3	177.3	809.5	2.3	0.7	5.3				
Expected Ratio	7.2	1.7	0.8	106.2	3.8	119.7	549.0	0.8	1.2	4.6				
Very High														
High														
Sufficient														
Low														
Deficient														
	N	S	P	K	Mg	Ca	Na	B	Zn	Mn	Fe	Cu	Al	

Comments :  
02022) CALCIUM - Less than sufficient due to low soil pH or excess soil K or Mg levels. Calcium deficiency is not likely to occur on soils maintained at the proper soil pH. For succeeding crops, soil test and apply calcitic limestone to correct soil acidity and low soil Ca. A foliar application of 1 to 2# per acre of Ca using calcium nitrate in 30 gal. of water may help alleviate the deficiency.