

Report Number
18-086-0021



2790 Whitten Road, Memphis, TN 38133
 Main 901.213.2400 ° Fax 901.213.2440
 www.waypointanalytical.com

Lab No:
276269

PLANT ANALYSIS

Customer Account Number :

Send To:

Grower:

Report Date : 4/9/2018
 Page 1 of 4

Field id:

Crop : **Citrus**

Sample Id : **CLSHAD**

Growth Stage :

Plant Part:

	Nitrogen %	Sulfur %	Phosphorus %	Potassium %	Magnesium %	Calcium %	Sodium %	Boron ppm	Zinc ppm	Manganese ppm	Iron ppm	Copper ppm	Aluminum ppm
Analysis	2.70	0.33	0.24	2.50	0.46	4.56	0.06	85	35	83	96	3	47
Normal Range	2.25	0.15	0.12	1.20	0.30	1.00	0.01	30	25	25	60	6	1
	3.80	0.50	0.50	3.00	1.00	4.00	0.20	100	200	200	200	100	250
	N/S	N/K	P/S	P/Zn	K/Mg	K/Mn	Ca/B	Fe/Mn	Ca/K	Ca/Mg			
Actual Ratio	8.2	1.1	0.7	68.6	5.4	301.2	536.5	1.2	1.8	9.9			
Expected Ratio	9.3	1.4	1.0	27.6	3.2	186.7	384.6	1.2	1.2	3.8			

Very High													
High													
Sufficient													
Low													
Deficient													
	N	S	P	K	Mg	Ca	Na	B	Zn	Mn	Fe	Cu	Al

Comments :
 02028) These plants are low or deficient in copper. Low copper availability may be caused by high soil organic matter, high soil pH, or sandy soils with low organic matter. Copper may be foliar applied at .5 to 1 lb per acre. If a chelated material is used, apply according to manufacturer specifications. Repeated application may be necessary.

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Field id:

Crop : **Citrus**

Sample Id : **CVSBRN**

Growth Stage :

Plant Part:

	Nitrogen %	Sulfur %	Phosphorus %	Potassium %	Magnesium %	Calcium %	Sodium %	Boron ppm	Zinc ppm	Manganese ppm	Iron ppm	Copper ppm	Aluminum ppm	
Analysis	2.94	0.32	0.25	2.54	0.53	3.24	0.06	66	34	51	136	3	70	
Normal Range	2.25	0.15	0.12	1.20	0.30	1.00	0.01	30	25	25	60	6	1	
	3.80	0.50	0.50	3.00	1.00	4.00	0.20	100	200	200	200	100	250	
	N/S	N/K	P/S	P/Zn	K/Mg	K/Mn	Ca/B	Fe/Mn	Ca/K	Ca/Mg				
Actual Ratio	9.2	1.2	0.8	73.5	4.8	498.0	490.9	2.7	1.3	6.1				
Expected Ratio	9.3	1.4	1.0	27.6	3.2	186.7	384.6	1.2	1.2	3.8				
Very High														
High														
Sufficient														
Low														
Deficient														
	N	S	P	K	Mg	Ca	Na	B	Zn	Mn	Fe	Cu	Al	

Comments :
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Field id:

Crop : **Citrus**

Sample Id : **CCBBFP**

Growth Stage :

Plant Part:

	Nitrogen %	Sulfur %	Phosphorus %	Potassium %	Magnesium %	Calcium %	Sodium %	Boron ppm	Zinc ppm	Manganese ppm	Iron ppm	Copper ppm	Aluminum ppm	
Analysis	2.78	0.38	0.24	2.36	0.54	4.86	0.07	95	30	60	276	4	138	
Normal Range	2.25	0.15	0.12	1.20	0.30	1.00	0.01	30	25	25	60	6	1	
	3.80	0.50	0.50	3.00	1.00	4.00	0.20	100	200	200	200	100	250	
	N/S	N/K	P/S	P/Zn	K/Mg	K/Mn	Ca/B	Fe/Mn	Ca/K	Ca/Mg				
Actual Ratio	7.3	1.2	0.6	80.0	4.4	393.3	511.6	4.6	2.1	9.0				
Expected Ratio	9.3	1.4	1.0	27.6	3.2	186.7	384.6	1.2	1.2	3.8				
Very High														
High														
Sufficient														
Low														
Deficient														
	N	S	P	K	Mg	Ca	Na	B	Zn	Mn	Fe	Cu	Al	

Comments :
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Field id:

Crop : **Citrus**

Sample Id : **XYZ**

Growth Stage :

Plant Part:

	Nitrogen %	Sulfur %	Phosphorus %	Potassium %	Magnesium %	Calcium %	Sodium %	Boron ppm	Zinc ppm	Manganese ppm	Iron ppm	Copper ppm	Aluminum ppm	
Analysis	2.89	0.37	0.27	2.38	0.63	2.91	0.07	73	34	41	146	2	70	
Normal Range	2.25	0.15	0.12	1.20	0.30	1.00	0.01	30	25	25	60	6	1	
	3.80	0.50	0.50	3.00	1.00	4.00	0.20	100	200	200	200	100	250	
	N/S	N/K	P/S	P/Zn	K/Mg	K/Mn	Ca/B	Fe/Mn	Ca/K	Ca/Mg				
Actual Ratio	7.8	1.2	0.7	79.4	3.8	580.5	398.6	3.6	1.2	4.6				
Expected Ratio	9.3	1.4	1.0	27.6	3.2	186.7	384.6	1.2	1.2	3.8				
Very High														
High														
Sufficient														
Low														
Deficient														
	N	S	P	K	Mg	Ca	Na	B	Zn	Mn	Fe	Cu	Al	

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