

PLANT ANALYSIS

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Sample Id : **8015**










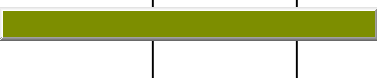


Growth Stage : **Initial flower**

Farm:

Crop : **Strawberry, Plastic culture**

Field id:

Plant Part:

Test	Analysis	Plant Test Ratings					Normal Range	Actual Ratio		Expected Ratio	
		Deficient	Low	Sufficient	High	Very High					
Nitrogen	%	3.27						2.80	N/S	16.4	7.9
								3.50			
Sulfur	%	0.20						0.30	N/K	1.7	1.4
								0.50			
Phosphorus	%	0.43						0.30	P/S	2.2	0.9
								0.40			
Potassium	%	1.95						1.50	P/Zn	130.3	116.7
								3.00			
Magnesium	%	0.23						0.30	K/Mg	8.5	5.0
								0.60			
Calcium	%	0.78						0.40	K/Mn	191.2	346.2
								1.50			
Sodium	%	0.06						0.00	Ca/B	278.6	292.3
								0.19			
Boron	ppm	28						25	Fe/Mn	0.8	1.2
								40			
Zinc	ppm	33						20	Ca/K	0.4	0.4
								40			
Manganese	ppm	102						30	Ca/Mg	3.4	2.1
								100			
Iron	ppm	77						50			
								100			
Copper	ppm	6						5			
								10			
Aluminum	ppm	25						0			
								250			

Comments:

02019) These plants are low or deficient in magnesium. This condition may be due to low soil magnesium and/or excess soil potassium, low soil pH, or poor drainage. Magnesium may be foliar applied at 1 to 2 lbs per acre. If a chelated material is used, apply according to manufacturer specifications. Repeated applications may be necessary.

02023) These plants are low or deficient in sulfur. This could be a result of low soil sulfur content, poor root development or inadequate drainage. Sulfur may be applied to the crop in the sulfate form with sidedress or topdress applications or in irrigation water. Apply at a rate of 10 to 20 lbs of sulfur per acre. For foliar application, apply 1 to 2 lbs of sulfur per acre.

PLANT ANALYSIS

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Sample Id : **8016** Growth Stage : **Mid-bloom**
 Farm: Crop : **Tomato***
 Field id: Plant Part:

Test	Analysis	Plant Test Ratings					Normal Range	Actual Ratio		Expected Ratio
		Deficient	Low	Sufficient	High	Very High				
Nitrogen	% 5.72						4.00 6.00	N/S	5.7	6.2
Sulfur	% 1.00						0.41 1.20	N/K	1.8	1.1
Phosphorus	% 0.73						0.31 1.00	P/S	0.7	0.8
Potassium	% 3.24						3.50 6.00	P/Zn	228.1	58.0
Magnesium	% 0.38						0.41 1.00	K/Mg	8.5	6.7
Calcium	% 2.69						1.51 4.00	K/Mn	213.2	270.7
Sodium	% 0.05						0.00 0.25	Ca/B	480.4	545.6
Boron	ppm 56						25 76	Fe/Mn	0.8	0.9
Zinc	ppm 32						26 200	Ca/K	0.8	0.6
Manganese	ppm 152						51 300	Ca/Mg	7.1	3.9
Iron	ppm 118						61 251			
Copper	ppm 17						9 101			
Aluminum	ppm 9						0 251			

Comments:

02018) These plants are low or deficient in potassium. Possible causes include low soil potassium level, poor drainage, droughty soil conditions or compaction. In season surface application of potassium on row crops may have limited effectiveness except on sandy soils where leaching may readily occur. For severe deficiencies, sidedress and incorporate 30 to 50 lbs of K2O per acre as early in the season as possible.

02019) These plants are low or deficient in magnesium. This condition may be due to low soil magnesium and/or excess soil potassium, low soil pH, or poor drainage. Magnesium may be foliar applied at 1 to 2 lbs per acre. If a chelated material is used, apply according to manufacturer specifications. Repeated applications may be necessary.