

Bloom Time Petiole Nutritional Analysis
Grapes

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Growth Stage: Full Bloom

Field Name: Vineyard

Sample Area:

Variety: Thompson Seedless

Location: R30E, 80W

Sample Date: 5/14/2002

Sample ID: 11244 - 1

Nutrient	Deficient	Marginal	Adequate	High	Excessive	Result	Optimum Range
Nitrate:						1,502 ppm	500 - 1,200
Total Nitrogen						0.98 %	0.88 - 0.96
Phosphorus:						0.21 %	0.15 - 0.60
Phosphate:						ppm	
Potassium:						1.67 %	1.5 - 3.7
Calcium:						1.25 %	1.0 - 3.5
Magnesium:						0.70 %	0.30 - 1.60
Sodium:						0.10 %	0.01 - 0.15
Chlorine:						%	0.01 - 0.50
Sulfur:						%	
Sulfate:						ppm	
Boron:						42 ppm	30 - 60
Zinc:						45 ppm	26 - 40
Manganese:						41 ppm	25 - 30
Iron:						47 ppm	50 - 325
Copper:						10 ppm	6.5 - 11.0

Notes:

Optimum ranges for nutrients based on research by the University of California and the experiences of AgQuest where research is not available.

Graphing Levels

