## A & L WESTERN AGRICULTURAL LABORATORIES

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REPORT NUMBER: 00-336-049 CLIENT NO: 99999

SEND TO: A & L WESTERN AGRICULTURAL LABOR/GROWER: EXAMPLE REPORT

1311 WOODLAND AVE.

MODESTO, CA 95351-

**SUBMITTED BY:** 

## **Graphical Plant Analysis Report**

DATE OF REPORT:		12/23/05		LAB NO:	42809	S	AMPLE ID:	WEST	EST CROP: ALMONDS						PAGE:	1	
Excessive																	
High					n	B								B			
Sufficient		A		A			R		A	R	R	R		R			
Low				A		A	A		A		A	A		A			
Deficient	8		8														
Analyte	Nitrogen N %	Sulfur S %	Phosphorus P %	Potassium K %	Magnesium Mg %	Calcium Ca %	Sodium Na %	Chloride CI %	Iron Fe ppm	Aluminum Al ppm	Manganese Mn ppm	Boron B ppm	Copper Cu ppm	Zinc Zn ppm	Nitrate-N NO <sub>3</sub> -N ppm	Phosphate PO <sub>4</sub> -P ppm	
Test Results	2.15	0.23	0.09	2.13	0.63	3.60	0.01		144	198	119	38	17	339			
Normal	2.80	0.13	0.15	1.40	0.24	1.20	0.01		70	20	20	30	5	18			
Range	3.80	0.40	0.35	2.50	0.50	2.10	0.09		270	270	160	65	20	60			
Ratios	N/S	N/P	N/K	Ca/Mg	N/Ca	K/Mg	P/S	Fe/Mn	Fe/Al	K/Mn	Ca/B	Cu/Mo	P/Zn				
Actual	9.3	24.0	1.0	5.7	0.6	3.4	0.4	1.2	0.7	179	947		3				
Expected	18.0	17.0	1.7	4.0	1.8	4.2	1.1	1.2	1.1	211	360		50				

DATE SAMPLED: / GROWTH STAGE / PLANT PART: MAY/L

significantly by an excessive amount of this element.

C NITROGEN: A deficiency may be due to

O inadequate applications, undecomposed

organic matter, excessive leaching, poor

**M** drainage or a molybdenum deficiency.

М

Ε

PHOSPHORUS: A deficiency may arise from

N inadequate applications, drought, extreme

 ${f T}$  soil pH conditions, root damage or an excess

**S** of K, Cl, Zn, Cu, or Fe. Check growth stage.

Deficient:
Deficient:
Plants should be showing visible symptoms of a nutritional deficiency. Plant growth would definitely be curtailed by an insufficient amount of this element.

Low: Plants may be normal in appearance but probably will be responsive to fertilization with this element.

Sufficient: Plants contain adequate amounts of this element for maximum yield and are normal in appearance.

High: Optimum yields can be expected and plants are normal in appearance. However, concentrations of this element are higher than normally expected.

Excessive: Plants probably show symptoms of a nutritional disorder or stunted growth. Yields may be reduced

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