A & L WESTERN AGRICULTURAL LABORATORIES

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REPORT NUMBER: 00-336-044 **CLIENT NO:** 99999

SEND TO: EXAMPLE REPORT
1311 WOODLAND AVE
MODESTO, CA 95351-

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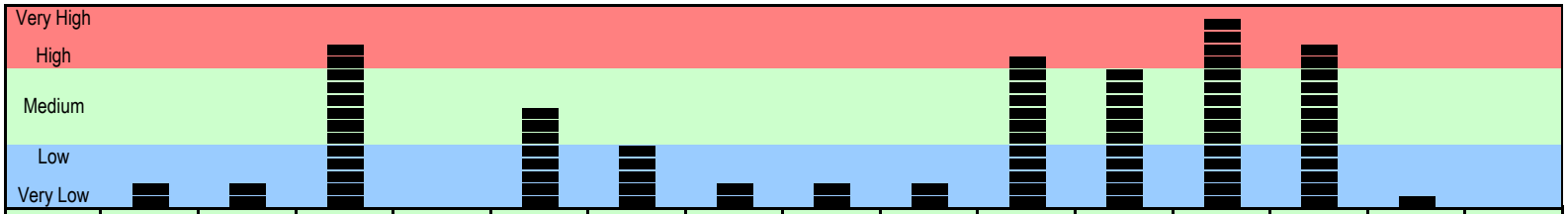
SUBMITTED BY:

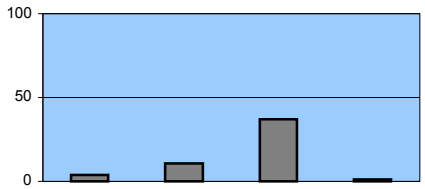
Graphical Soil Analysis Report

DATE OF REPORT: 07/10/04 **LAB NO:** 55928 **SAMPLE ID:** WEST **PAGE:** 1



Analyte	Organic Matter %	Nitrogen NO_3-N ppm	Phosphorus Weak Bray ppm	Phosphorus $NaHCO_3$-P ppm	Potassium K ppm	Magnesium Mg ppm	Calcium Ca ppm	Sodium Na ppm	Sulfur SO_4-S ppm	Zinc Zn ppm	Manganese Mn ppm	Iron Fe ppm	Copper Cu ppm	Boron B ppm	
Results	0.5	5	67	25	100	82	470	17	2	5.5	21	39	3.0	0.1	

Percent Cation Saturation (computed)



Potassium K %	Magnesium Mg %	Calcium Ca %	Sodium Na %
4.0	10.7	37.1	1.2

ACIDIC BASIC

0.1	6.3	L	4.8
ECe dS/m	CEC meq/100g	Ex. Lime	pH

LOW AVERAGE HIGH

INCREASING SALINITY →

← INCREASING NEED FOR LIME

Buffer pH: 6.6

NaHCO3-P unreliable at this soil pH

Soil Fertility Guidelines

CROP: ALMONDS **RATE:** lb/acre **NOTES:**

Dolomite (70 score)	Lime (70 score)	Gypsum	Elemental Sulfur	Nitrogen N	Phosphate P_2O_5	Potash K_2O	Magnesium Mg	Sulfur SO_4-S	Zinc Zn	Manganese Mn	Iron Fe	Copper Cu	Boron B	
4000				180		90		25					2	

COMMENTS

ORGANIC MATTER: Low levels may restrict beneficial microbial activity and lead to soil compaction and erosion. Consider the inclusion of compost and/or cover crops if a concern.

LIME REQUIREMENT: Liming may be necessary if buffer index is less than 6.9. Guidelines are based upon common agricultural lime (70-score) per six-inch depth to raise SOIL pH to about 6.5.

NITROGEN: Use local conditions and experience with variety to determine rates and timing. Allow for nitrate levels in your water source also (ppm NO3 X 0.61 = lb N/ac-ft water). Monitor tissue-N.

BORON: Aim for soil levels above 0.5 ppm to avoid a deficiency. A tissue analysis at the appropriate time will determine more accurately, plant availability. ADD BORON WITH CAUTION.

Mike Buttress, CPAg
A & L WESTERN LABORATORIES, INC.