

A & L WESTERN AGRICULTURAL LABORATORIES

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SUBMITTED BY:

SEND TO: A & L WESTERN AGRICULTURAL LABS
1311 WOODLAND AVE.
MODESTO, CA 95351-

GROWER: EXAMPLE REPORT

DATE OF REPORT: 11/29/04

SOIL FERTILITY GUIDELINES

RATE: lb/acre

PAGE: 1

Sample ID	Lab Number	Crop	SOIL AMENDMENTS				Nitrogen N	Phosphate P ₂ O ₅	Potash K ₂ O	Magnesium Mg	Sulfur SO ₄ -S	Zinc Zn	Manganese Mn	Iron Fe	Copper Cu	Boron B	
			Dolomite	Lime	Gypsum	Elemental Sulfur											
130-1	55931	GRAPES		9000			20		180		20	10				10	2.0
130-2	55932	GRAPES		9999			40		240			10	10			10	2.0
12-1	55933	GRAPES		6000			30	160	180		20	10	10			10	1.0
12-2	55934	GRAPES		4000			30	200	300		20	10	10			10	2.0

C DEPTH OF SAMPLING: Soil fertility could differ greatly with depth. Concentrate on amending and fertilizing the topsoil zone only, but take note of trends down the profile that may need attention.
O 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.
M FERTIGATION: Light frequent applications of fertilizer through the irrigation water will provide the most efficient uptake of nutrients. Limit applications to active growth periods.
N 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.

NOTES:

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