

A & L WESTERN AGRICULTURAL LABORATORIES

1311 WOODLAND AVE #1 • MODESTO, CALIFORNIA 95351 • (209) 529-4080 • FAX (209) 529-4736



REPORT NUMBER: 16-055-021

CLIENT NO: 99999

SEND TO: MARK MOSKO
821 CALIFORNIA ST
SANTA CRUZ, CA 95060-

GROWER:

SUBMITTED BY:

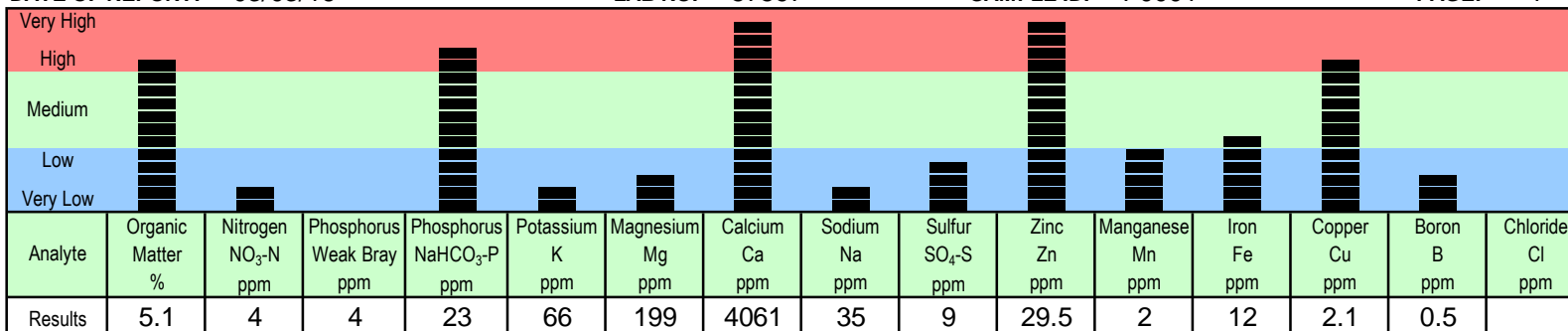
Graphical Soil Analysis Report

DATE OF REPORT: 03/03/16

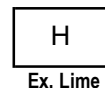
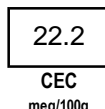
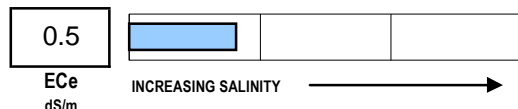
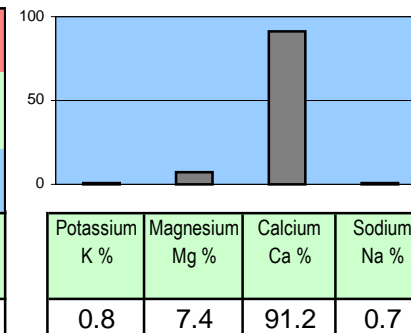
LAB NO: 57597

SAMPLE ID: F0001

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Percent Cation Saturation (computed)



Weak Bray P unreliable at M or H excess lime or pH > 7.5

Soil Fertility Guidelines

CROP: APPLE

RATE: lb/1000 sq ft

NOTES:

Dolomite (70 score)	Lime (70 score)	Gypsum	Elemental Sulfur	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
			25	3.2	1.0	5.0				*			

C HIGH levels of organic matter should have a beneficial effect on growth and "soil" pH may not be as critical. However, watch carefully as amendments and extra nitrogen may still be necessary.

O ACIDIFICATION of high pH soils could improve soil environment. Compare different sources of acidifying materials, but be aware that sulfate-sulfur (as shown on report) has NO acidifying power.

M FLOWERING "ACID-LOVING" PLANTS: Split the above between just after peak bloom in spring, midsummer and again in fall. Apply evenly under plants but not next to stems, then water in well.

N BITTER-PIT: Do not over-fertilize with nitrogen and potassium. Summer sprays of magnesium containing compounds can also cause bitter pit. Avoid water stress during fruit development.

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Phoebe Gordon

Phoebe Gordon, PhD

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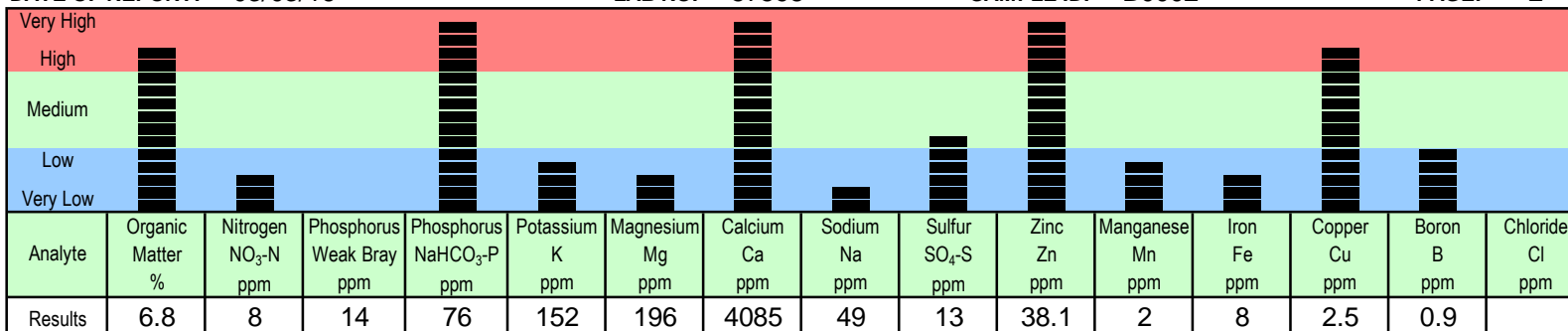
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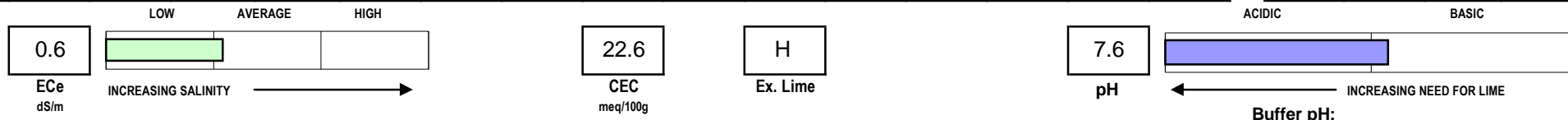
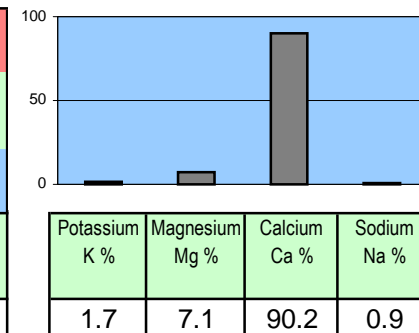
LAB NO: 57598

SAMPLE ID: B0002

PAGE: 2



Percent Cation Saturation (computed)



Weak Bray P unreliable at M or H excess lime or pH > 7.5

Soil Fertility Guidelines

CROP: CAMELLIA

RATE: lb/1000 sq ft

NOTES:

Dolomite (70 score)	Lime (70 score)	Gypsum	Elemental Sulfur	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
			45	1.8		4.5				*	*		

- C** SPLIT extra nitrogen as necessary over the active growing season. Adjust rate according to local conditions and requirements. Allow for adequate establishment first (up to 30 days).
- O** conditions and requirements. Allow for adequate establishment first (up to 30 days).
- M** MICRONUTRIENTS: Where levels appear to be high, avoid any further applications for the time being. Very high (VH) levels may not necessarily be toxic, but avoid. Maintain correct soil pH.
- E** * MANGANESE: The soil test is not a good indicator of deficiency. Maintain a reasonable soil pH and organic matter status, and follow label directions if applying manganese-containing products.
- N** * IRON: Apply according to label instructions. Beware of staining by some products on sidewalks or other non-target areas. Raise organic matter and reduce soil pH where applicable.

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