

SOIL ANALYSIS REPORT FOR RESEARCH

05/21/13

SOIL AND PLANT TISSUE TESTING LAB
WEST EXPERIMENT STATION
UNIVERSITY OF MASSACHUSETTS
AMHERST, MA 01003

LAB NUMBER: S130516-316
BAG NUMBER: 0

SOIL WEIGHT: 4.67 g/5cc

SONOMA MOUNTAIN INSTITUTE
PO BOX 228
GLEN ELLEN, CA 95442

COMMENTS: NATEC191@GMAIL.COM

ANALYSIS REPORT

SAMPLE ID: FRONT
SOIL TYPE:

SOIL PH 6.2 ALUMINUM (AL): 23 PPM (Soil Range: 10-300)
BUFFER PH 6.6 ORGANIC MATTER: 7.9 %. Desirable range 4-8%.

NUTRIENT LEVELS: PPM	LOW	MEDIUM	HIGH	VERY HIGH
PHOSPHORUS (P) 2	XXX			
POTASSIUM (K) 327	XX			
CALCIUM (CA) 2474	XX			
MAGNESIUM (MG) 414	XX			

CATION EXCH CAP 21.1 MEQ/100G PERCENT BASE SATURATION
K= 4.0 MG=16.2 CA=58.8

MICRONUTRIENT	PPM	SOIL RANGE	MICRONUTRIENT	PPM	SOIL RANGE
Boron (B)	0.2	0.1-2.0	Copper (Cu)	0.2	0.3-8.0
Manganese (Mn)	15.4	3 - 20	Iron (Fe)	2.7	1.0- 40
Zinc (Zn)	2.2	0.1- 70	Sulfur (S)	14.2	1.0- 40

EXTRACTED LEAD (PB) 0 PPM. ESTIMATED TOTAL LEAD IS 30 PPM.

COMMENTS