

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: S130516-317
 BAG NUMBER: 0

SOIL WEIGHT: 4.93 g/5cc

SONOMA MOUNTAIN INSTITUTE
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COMMENTS: NATEC191@GMAIL.COM

ANALYSIS REPORT

SAMPLE ID: MIDDLE
 SOIL TYPE:

SOIL PH 6.1 ALUMINUM (AL): 24 PPM (Soil Range: 10-300)
 BUFFER PH 6.4 ORGANIC MATTER: 7.5 %. Desirable range 4-8%.

NUTRIENT LEVELS: PPM	LOW	MEDIUM	HIGH	VERY HIGH
PHOSPHORUS (P) 1	XX			
POTASSIUM (K) 336	XX			
CALCIUM (CA) 2222	XX			
MAGNESIUM (MG) 494	XX			

CATION EXCH CAP 22.7 MEQ/100G PERCENT BASE SATURATION
 K= 3.9 MG=18.0 CA=49.2

MICRONUTRIENT	PPM	SOIL RANGE	MICRONUTRIENT	PPM	SOIL RANGE
Boron (B)	0.2	0.1-2.0	Copper (Cu)	0.1	0.3-8.0
Manganese (Mn)	15.8	3 - 20	Iron (Fe)	2.9	1.0- 40
Zinc (Zn)	1.3	0.1- 70	Sulfur (S)	13.3	1.0- 40

EXTRACTED LEAD (PB) 0 PPM. ESTIMATED TOTAL LEAD IS 32 PPM.

COMMENTS