

Oregon State University Soil Health Laboratory

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Western Oregon Advanced Analysis Report

Name: _____
 Organization: _____
 Contact for results: _____
 Date submitted: _____
 Date delivered: _____
 Group number: _____



Sample ID		%			pH units		ppm (mg nutrient/kg soil)		
Customer ID	Lab ID	C	N	OM	pH	BpH	PO4-P	NO3-N	NH4-N
	1								
	2								
	3								
	4								
	5								
	6								
	7								

Sample ID		ppm (mg nutrient/kg soil)							
Customer ID	Lab ID	Ca	Mg	K	B	Cu	Fe	Mn	Zn
	1								
	2								
	3								
	4								
	5								
	6								
	7								

Methods descriptions

- C and N Measured using dry combustion on Elementar Vario Macro Cube
- OM Organic matter calculated using total organic carbon * 2 as per review by Pribyl, 2010 in Geoderma
- pH Measured in 1:1 soil:water ratio on Hanna HI5522 benchtop meter
- BpH pH measured in Sikora buffer solution on Hanna HI5522 benchtop meter
- PO4-P Extracted using Bray P1. Extraction measured on VWR V1200 spectrophotometer
- Ca, Mg, K 1M ammonium acetate extraction measured on Agilent 5110 ICP-OES
- NO3-N 2M KCl extraction measured using Griess reagents on VWR V1200 spectrophotometer
- NH4-N 2M KCl extraction measured on Lachat QuikChem 8500 Series 2 flow injection analyzer
- B, Cu, Fe, Mn, Zn DTPA-sorbitol extraction measured on Agilent 5110 ICP-OES