

Oregon State University Soil Health Laboratory

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Eastern Oregon Basic Package - Soil Analysis Report

Name: _____

Organization: _____

Contact for results: _____

Date submitted: _____

Date delivered: _____

Group number: _____



| Sample ID | | % | | | | dS/m | ppm (mg nutrient/kg soil) | | |
|-------------|--------|---|---|----|----|------|---------------------------|-------|-------|
| Customer ID | Lab ID | C | N | OM | pH | EC | PO4-P | NO3-N | NH4-N |
| | 1 | | | | | | | | |
| | 2 | | | | | | | | |
| | 3 | | | | | | | | |

| Sample ID | | ppm (mg nutrient/kg soil) | | |
|-------------|--------|---------------------------|----|---|
| Customer ID | Lab ID | Ca | Mg | K |
| 0 | 1 | | | |
| 0 | 2 | | | |
| 0 | 3 | | | |

Method 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 and EC Measured in 1:1 soil:water ratio on Hanna HI5522 benchtop meter
- PO4-P Olsen-P extraction. Extract measured on VWR V1200 spectrophotometer
- 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
- Ca, Mg, K 1M ammonium acetate extraction measured on Agilent 5110 ICP-OES
- B, Cu, Fe, Mn, Zn DTPA-sorbitol extraction measured on Agilent 5110 ICP-OES