

Oregon State University Soil Health Laboratory

soil.lab@oregonstate.edu 541-737-2187
Crop and Soil Science Department 3079 Ag-Life Sciences Bldg Corvallis, OR 97331

Soil Health Analysis Report

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



| Sample ID | | % | | | | |
|-------------|--------|----------|------|------|------|-------------------------|
| Customer ID | Lab ID | Moisture | Sand | Silt | Clay | Water Stable Aggregates |
| | 1 | | | | | |
| | 2 | | | | | |
| | 3 | | | | | |
| | 4 | | | | | |

| Sample ID | | % | | | µg CO ₂ -C/g dry soil/day | |
|-------------|--------|---|---|----|--------------------------------------|-----------------------------------|
| Customer ID | Lab ID | C | N | OM | CO ₂ Respiration 24 hr | CO ₂ Respiration 96 hr |
| | 1 | | | | | |
| | 2 | | | | | |
| | 3 | | | | | |
| | 4 | | | | | |

| Sample ID | | pH |
|-------------|--------|----|
| Customer ID | Lab ID | pH |
| | 1 | |
| | 2 | |
| | 3 | |
| | 4 | |

Method Descriptions

- Moisture Gravimetric moisture as sample is received. All other data reported on a dry matter basis
- Texture Determined with Hydrometer method after cementing and flocculating agents removed
- Water Stable Aggregates Percentage of 0.25 - 2.00 mm aggregates that stay on a sieve after a simulated 5 minute rain using the Cornell Sprinkle
- CN Dry combustion and direct measurement of total nutrients with Elementar Macro Cube
- OM Organic matter calculated using total organic carbon * 2 as per review by Pribyl, 2010 in Geoderma
- CO₂ Respiration CO₂ evolution measured after 24 hour and 96 hour incubation with soil wetted to 50% water filled pore space incubated at 23°C
- pH Measured in 1:1 soil:water ratio on Hanna HI5522 benchtop meter
- BQL Below quantifiable limits