
Soil Health Collaborations

CAL is working on the team to develop a set of nationally adopted soil health metrics, as well as processing samples for producers. We are very excited to be developing a soil health database with NRCS that will be used as a tool to help producers make long-term land-management decisions based on the impacts to the health of the soil system.



Soil health has been defined as:

"the continued capacity of soil to function as a vital living system, within ecosystem and land-use boundaries, to sustain biological productivity, promote the quality of air and water environments, and maintain plant, animal, and human health"

Our goal is to support producers maintain their soil's health and in turn, productivity.



How to Submit your Samples

You can bring samples directly to the CAL with your submission form.

We are located on the third floor of the Ag Life Science building in room 3079. We are typically available from 9-5 Mon-Fri.

Or you can mail samples to:

Oregon State University
Central Analytical Lab
3017 Ag Life Sciences Bldg
Corvallis, OR 97331



OSU CENTRAL ANALYTICAL LABORATORY



SOIL, PLANT, WATER, AND SOIL AMENDMENT ANALYSES

We are focused on specialized research needs, cross-curricular education, and rigorous science.

Focused on Research

CAL is committed to helping scientists do more and better research on soils

- We will work with researchers to determine the protocol that is ideal for their specific research questions and site specific parameters.
- For those who have projects related to soils but with less expertise in soil science research, we can help to determine the best way to answer your questions of interest through sampling plans, and recommendations for analytical tests.



Full list of prices and services: agsci.oregonstate.edu/cal

Current Capabilities

- Nutrient analysis (soil or plant)
- Total C and N (liquid or solid)
- pH, EC, lime requirement
- Organic matter
- Cation exchange capacity
- Texture
- Potentially mineralizable nitrogen
- Active carbon
- Wet aggregate stability

Cross-Curricular Education

CAL has been revitalized as an educational resource for applied and basic research across OSU and the greater Northwest

- We offer training on many procedures so students can conduct their own analyses at discounted prices
- We teach a 2-week intensive methods course in the summer, including both field and laboratory work
- We offer consulting service to help design and implement soil related research to those in other disciplines.

Analysis Packages

- Comprehensive Soil Analysis
- Soil Health Assessment
- Soil Nutrient Analysis
- Quick Soil Nutrient Analysis
- Soil Physical Assessment
- Soil Biological Assessment
- Heavy Metals (soil or plant)
- Plant Nutrient Analysis
- Manure/Compost Analysis

Contact Us

Agsci.oregonstate.edu/cal



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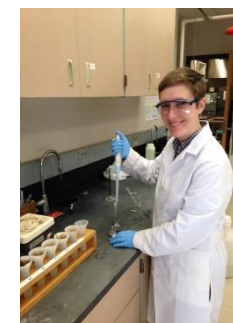


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