

# Analytical Laboratories Serving Oregon

S. Andrews, D. Walenta, C. Sullivan, L. Henderson, L. Brewer

Commercial growers, gardeners, and homeowners use soil, plant, and water analyses to help them make decisions about the use of soil amendments and other management actions. Home- and business owners may also wish to test drinking water quality. In this guide, you will find a list of laboratories serving Oregon along with specific information about their laboratory services.

To compile this list, the authors requested information directly from laboratory managers. Neither Oregon State University nor the OSU Extension Service makes any endorsement by listing a laboratory, nor does omission of a laboratory indicate anything about the quality of its services. You can find other sources of laboratory services with an internet search or in the yellow pages.

## Using a nutrient management guide

Many growers use a crop-specific, OSU Extension Service nutrient management guide that states exactly which testing protocols formed the basis of its fertilization recommendation. To follow the nutrient management guide's recommendation correctly, choose a lab that uses the same testing protocols. The results from an extraction method other than the one cited in the nutrient management guide may produce a different or unsupported fertilizer recommendation.

To make sure you can use your analytical lab results:

- Sample to the same depth or use the same plant part specified in the nutrient management guide.
- Make a composite sample from the recommended number of subsamples.
- Sample at the recommended time of year.
- Request the same analytical method that is stated in the nutrient management guide.

You can find nutrient management guides in the OSU Extension Service Catalog at <https://catalog.extension.oregonstate.edu/>



Photo by Clare Sullivan, © Oregon State University.

Collecting field pea tissue samples for nutrient analyses.

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## Sampling for farms and gardens

Soil condition and plant stages vary depending on the season, their geographic location, or their position in the landscape. The usefulness of your lab results will vary depending on when, where, and how you collect the sample. See the OSU Extension Service publication, *A Guide to Collecting Soil Samples for Farms and Gardens* (EC 628) for more details. Local Extension faculty can also confirm that you are following standard sampling procedures.

If your main concern is to understand why plants don't grow in a certain area, a soil or plant nutrient analysis might not answer all of your questions. It is recommended that you work with your local Extension faculty to assess potential barriers and develop a plan to resolve plant performance issues.

## Testing for contaminants

Many people are concerned that plants, soils, and water have been contaminated with heavy metals. While many labs analyze for these contaminants, different methods produce different results. If your concern is environmental health, look for a certified lab that uses the methods similar to the standards set by health and safety regulations. You can find more detail about these methods, standards, and regulations in *Reducing Lead Hazard in Gardens and Play Areas* (EC 1616).

This publication's list of labs includes services related to the overall health of the environment. The level of testing and services provided within each

category varies between labs. Confirm that the lab you are interested in can give you the results you seek.

Many plant production and environmental problems are interrelated. Quality analytical results can improve management decisions, environmental conditions—and your economic bottom line. You can find details for well-water sampling and interpretation of well-water analyses in the *Water Well Owner's Handbook, A guide to water wells in Oregon* (Oregon Health Authority).

## Before you submit a sample

Consult your local OSU Extension Service faculty before you submit samples to a laboratory. They can help assure that the analysis you request will give you the information to support your management decisions.

Before submitting any sample, call the lab or visit the website for specifics about costs and payment, shipping instructions, the methods used for analysis, and their average turn-around time for results. Confirm that the lab contact understands what kind of decisions you want to make from your test results. This will ensure that you get the highest quality information from your investment.

Analytic labs can be accredited by professional organizations or participate in proficiency testing programs specific to the types of tests they perform. If you have questions about the accreditation of any laboratory, be sure to ask before submitting your samples.

# Services by laboratory

	Soil testing						Water analysis				Plant analysis				Disease testing/ identification	
	Full complement of agricultural soil tests	Agronomic recommendations based on soil test	Heavy metals	Contaminants (pesticides, other chemicals)	Soil health analysis	Analyze nutrient content of soil amends (manures, compost, feather meal, etc.)	Biological analyses (total or fecal coliform)	Pesticides or other contaminants	Nitrate, lead, metals	Irrigation water quality (hardness, pH, salts)	Plant tissue analysis for nutrient concentration	Provide agronomic recommendations based on tissue results	Analyze feed and forage (NDF/ADF, crude fiber, fat, protein, total ash)	Confirm presence of endophyte on ryegrass or fescue	Soil-borne pathogens (phytophthora, etc.)	Identify plant pathogens or diseases
A&L Western Agricultural Laboratories	•	•	•			•		•	•	•	•	•		•		
AgSource Laboratories	•	•	•		•	•		•	•	•	•	•		•		
ALS Environmental	•	•	•	•		•	•	•	•							
Analytical Resources			•	•			•	•	•							
AV Labs, Inc.	•	•				•		•	•	•		•				
Basin Agri-Serve	•	•				•				•	•	•				
Best-Test Analytical Services, LLC	•	•	•		•	•		•	•	•						
Brookside Laboratories, Inc.	•		•	•	•	•	•	•	•	•		•				
Cascade Analytical, Inc.	•		•			•		•	•	•						
Dairy One Forage Lab	•				•	•		•	•	•	•	•				
Dellavalle Laboratory, Inc.	•	•			•	•		•	•	•	•	•		•		
Edge Analytical	•	•	•				•	•	•							
Kuo Testing Laboratories, Inc.	•	•	•	•	•	•	•	•	•	•	•	•				
Magic Valley Labs							•	•	•							
Mukang Labs, Inc	•	•	•		•	•		•	•	•	•	•				
Northwest Agricultural Consultants	•	•	•	•	•	•		•	•	•	•	•				
OMIC USA, Inc.	•		•	•			•	•	•							

**Services by laboratory (continued)**

	Soil testing						Water analysis				Plant analysis			Disease testing/identification	
	Full complement of agricultural soil tests	Agronomic recommendations based on soil test	Heavy metals	Contaminants (pesticides, other chemicals)	Soil health analysis	Analyze nutrient content of soil amends (manures, compost, feather meal, etc.)	Biological analyses (total or fecal coliform)	Pesticides or other contaminants	Nitrate, lead, metals	Irrigation water quality (hardness, pH, salts)	Plant tissue analysis for nutrient concentration	Provide agronomic recommendations based on tissue results	Analyze feed and forage (NDF/ADF, crude fiber, fat, protein, total ash)	Confirm presence of endophyte on ryegrass or fescue	Soil-borne pathogens (phytophthora, etc.)
Oregon State University — Central Analytical Laboratory	•		•		•	•		•	•	•		•			
Oregon State University — Cooperative Chemical Analytical Laboratory								•	•						
Oregon State University — Endophyte Service Lab													•		
Oregon State University — Plant Disease Clinic														•	•
Pacific Agricultural Laboratory				•				•							
Soiltest Farm Consultants, Inc.	•	•	•		•	•		•	•	•		•			
Specialty Analytical	•	•	•	•		•	•	•	•	•	•				
Stukenholtz Laboratory, Inc.	•	•				•		•	•	•	•	•			
Table Rock Labs	•	•				•	•	•	•						
University of Idaho — Analytical Sciences Laboratory	•		•			•		•	•	•	•				
USAg Analytical Services, Inc.	•							•	•	•		•			

## Services by laboratory (continued)

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Utah State University Analytical Lab	•	•	•			•		•	•	•	•	•				
Waterlab Corp.						•		•	•							
Waypoint Analytical California, Inc.	•	•	•	•			•	•	•	•	•			•	•	
Western Laboratories, Inc.	•	•				•		•	•	•	•	•	•	•	•	
William F. Black Soil Testing	•	•	•						•	•						

## Laboratory contact information

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### **A&L Western Agricultural Laboratories**

10220 SW Nimbus Ave., Bldg. K-9  
Portland, OR 97223  
503-968-9225  
Fax: 503-598-7702  
Web: [www.al-labs-west.com](http://www.al-labs-west.com)  
Email: [alportland@al-labs-west.com](mailto:alportland@al-labs-west.com)

### **Ag Source Laboratories**

323 Sixth St. – P.O. Box 1350  
Umatilla, OR 97882  
800-537-1129  
Fax: 541-922-5496  
Web: [http://agsource.crinet.com/page3780/  
Umatilla-Locations](http://agsource.crinet.com/page3780/Umatilla-Locations)  
Email: [umatilla@agsource.com](mailto:umatilla@agsource.com)

### **ALS Environmental**

1317 South 13th Avenue  
Kelso, WA 98626  
360-577-7222  
800-695-7222  
Web: [www.alsglobal.com](http://www.alsglobal.com)  
Email: [kurt.clarkson@alsglobal.com](mailto:kurt.clarkson@alsglobal.com)

### **Analytical Resources**

Susan Dunnihoo  
4611 S 134th Place  
Tukwila, WA 98168  
206-621-6490  
Fax: 206-695-6201  
Web: [www.arilabs.com](http://www.arilabs.com)  
Email: [info@arilabs.com](mailto:info@arilabs.com)

### **AV Labs, Inc.**

64 N. Broadway  
Othello, WA 99344  
509-488-2468  
Fax: 509-488-2473  
Email: [von@avlabsinc.com](mailto:von@avlabsinc.com)

### **Basin Agri-Serve**

22109 Stateline Rd., P.O. Box R  
Merrill, OR 97633  
541-798-5112  
Fax: 541-798-5114  
Email: [basinagri@fireserve.net](mailto:basinagri@fireserve.net)

### **Best-Test Analytical Services, LLC**

3394 Bell Rd. NE  
Moses Lake, WA 98837  
509-766-7701  
Fax: 509-766-7705  
Web: [www.besttestlabs.com](http://www.besttestlabs.com)  
Email: [service@besttestlabs.com](mailto:service@besttestlabs.com)

### **Brookside Laboratories, Inc.**

200 White Mountain Drive  
New Bremen, OH 45869  
419-977-2766  
Fax: 419-977-2767  
Web: [www.blinc.com](http://www.blinc.com)  
Email: [info@blinc.com](mailto:info@blinc.com)

### **Cascade Analytical, Inc.**

3019 G.S. Center Rd.  
Wenatchee, WA 98801  
800-545-4206  
Web: [www.cascadeanalytical.com](http://www.cascadeanalytical.com)  
Email: [info@cascadeanalytical.com](mailto:info@cascadeanalytical.com)

### **Dairy One Forage Lab**

730 Warren Rd.  
Ithaca, NY 14850  
607-257-1272  
Fax: 607-257-1350  
Web: [www.dairyone.com](http://www.dairyone.com)  
Email: [forage@dairyone.com](mailto:forage@dairyone.com)

### **Dellavalle Laboratory, Inc.**

1910 W McKinley Ave.  
Fresno, CA 93728  
559-233-6129  
Fax: 559-268-8174  
Web: [www.dellavallelab.com](http://www.dellavallelab.com)

### **Edge Analytical**

540 SW Third  
Corvallis, OR 97333  
541-753-4946  
Fax: 541-753-4994  
Web: [www.edgeanalytical.com/](http://www.edgeanalytical.com/)  
Email: [lab@edgeanalytical.com](mailto:lab@edgeanalytical.com)

**Kuo Testing Laboratories, Inc.**

337 S First Ave.  
Othello, WA 99344  
509-488-0112  
Fax: 509-488-0118  
1300 Sixth St., Suite J  
Umatilla, OR 97882  
541-922-6435  
Fax: 541-922-6435  
Web: [www.kuotestinglabs.com](http://www.kuotestinglabs.com)  
Email: [info@kuotestinglabs.com](mailto:info@kuotestinglabs.com)

**Magic Valley Labs**

210 Addison Ave.  
Twin Falls, ID 83301  
208-733-4250  
Fax: 208-734-2539  
Email: [mvlabs@cablone.net](mailto:mvlabs@cablone.net)

**Mukang Labs, Inc.**

2526 E. St. Helens St.  
Pasco, WA 99301  
509-544-2159  
Fax: 509-547-4605  
Web: [www.mukanglabs.com](http://www.mukanglabs.com)  
Email: [services@mukanglabs.com](mailto:services@mukanglabs.com)

**Northwest Agricultural Consultants**

2545 W Falls Ave  
Kennewick, WA 99336  
509-783-7450  
Fax: 509-783-5305  
Web: [www.nwag.com](http://www.nwag.com)  
Email: [lab@nwag.com](mailto:lab@nwag.com)

**OMIC USA, Inc.**

3344 NW Industrial St.  
Portland, OR 97210  
503-223-1497  
Fax: 503-223-9436  
Web: <http://www.omicnet.com/en/index.html>  
Email: [sales.us@omicusa.com](mailto:sales.us@omicusa.com)

**Oregon State University  
Central Analytical Laboratory**

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Corvallis, OR 97331  
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Fax: 541-737-1589  
Web: <http://agsci.oregonstate.edu/cal>  
Email: [shannon.andrews@oregonstate.edu](mailto:shannon.andrews@oregonstate.edu)

**Oregon State University  
Cooperative Chemical Analytical Laboratory**

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Web: [ccal.oregonstate.edu](http://ccal.oregonstate.edu)  
Email: [kathryn.motter@oregonstate.edu](mailto:kathryn.motter@oregonstate.edu)

**Oregon State University  
Endophyte Service Lab**

139 Oak Creek Building  
Corvallis, OR 97331  
541-737-2872  
Web: [oregonstate.edu/endophyte-lab/](http://oregonstate.edu/endophyte-lab/)  
Email: [a.morrie.craig@oregonstate.edu](mailto:a.morrie.craig@oregonstate.edu)

**Oregon State University  
Plant Disease Clinic**

Melodie Putnam  
1089 Cordley Hall  
Corvallis, OR 97331  
541-737-3472  
Fax: 541-737-2412  
Web: [www.plant-clinic.bpp.oregonstate.edu](http://www.plant-clinic.bpp.oregonstate.edu)  
Email: [Melodie.Putnam@oregonstate.edu](mailto:Melodie.Putnam@oregonstate.edu)

**Pacific Agricultural Laboratory**

21830 SW Alexander Lane  
Sherwood, OR 97140  
503-626-7943  
Fax: 503-641-0644  
Web: [www.pacaglab.com](http://www.pacaglab.com)  
Email: [sthun@pacaglab.com](mailto:sthun@pacaglab.com)

**Soiltest Farm Consultants, Inc.**

2925 Driggs Dr.  
Moses Lake, WA 98837  
509-765-1622  
Fax: 509-765-0314  
Web: [www.soiltestlab.com](http://www.soiltestlab.com)  
Email: [brent@soiltestlab.com](mailto:brent@soiltestlab.com)

**Specialty Analytical**

11711 SE Capps Rd.  
Clackamas, OR 97015  
503-607-1331  
Web: [www.specialtyanalytical.com](http://www.specialtyanalytical.com)  
Email: [marty@specialtyanalytical.com](mailto:marty@specialtyanalytical.com)  
Email: [nikki@specialtyanalytical.com](mailto:nikki@specialtyanalytical.com)

**Stukenholtz Laboratory, Inc.**

2924 Addison Ave. E – P.O. Box 353  
Twin Falls, ID 83303-0353  
208-734-3050  
800-759-3050  
Fax: 208-734-3919  
Web: [www.stukenholtz.com](http://www.stukenholtz.com)  
Email: [frontoffice@stukenholtz.com](mailto:frontoffice@stukenholtz.com)

**Table Rock Labs**

419 SW 5th – P.O. Box 746  
Pendleton, OR 97801  
541-276-0385  
Fax: 541-276-2041  
Web: <http://tablerocklaboratory.com/>  
Email: [trocklab@gmail.com](mailto:trocklab@gmail.com)

**University of Idaho  
Analytical Sciences Laboratory**

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Email: [asl@uidaho.edu](mailto:asl@uidaho.edu)

**USAg Analytical Services, Inc.**

1320 E Spokane St.  
Pasco, WA 99301  
509-547-3838  
Fax: 509-547-8645

**Utah State University Analytical Lab**

1400 Old Main Hill  
Logan, UT 84322  
435-797-2217  
Fax: 435-797-2117  
Web: [www.usual.usu.edu](http://www.usual.usu.edu)  
Email: [usual@usu.edu](mailto:usual@usu.edu)

**Waterlab Corp.**

2603 12th St. SE  
Salem, OR 97302  
503-363-0473  
Fax: 503-363-8900  
Web: [www.waterlabcorp.com](http://www.waterlabcorp.com)  
Email: [waterlab@comcast.net](mailto:waterlab@comcast.net)

**Waypoint Analytical California, Inc.**

Central CA Office  
1101 S. Winchester Blvd., Suite G-173  
San Jose, CA 95128  
408-727-0330  
Fax: 408-727-5125  
Web: [www.waypointanalytical.com](http://www.waypointanalytical.com)  
Email: [splab@waypointanalytical.com](mailto:splab@waypointanalytical.com)

**Western Laboratories, Inc.**

211 Hwy 95  
Parma, ID 83660  
208-649-4360  
800-658-3858  
Fax: 208-402-5303  
Web: [www.westernlaboratories.com](http://www.westernlaboratories.com)  
Email: [westernl@westernlaboratories.com](mailto:westernl@westernlaboratories.com)

**William F. Black Soil Testing**

503 Gardner – P.O. Box 317  
Burlington, WA 98233  
360-770-6437  
Fax: 360-757-6112  
email: [wfblacksoiltester@gmail.com](mailto:wfblacksoiltester@gmail.com)

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