



Extension Plant Pathology Laboratory  
 Oregon State University  
 Hermiston Agricultural Research & Extension Center  
 P O Box 105 Hermiston, OR 97838  
 541-567-8321

## TESTING SERVICES PRICE SCHEDULE

Effective 9/1/2013

### General Testing Fee

All plant disease samples submitted to the laboratory for general identification will be assessed a \$60.00 submission fee. This includes visual and microscopic inspection of diseased plants, fungal and bacterial culturing, and additional tests such as PCR or ELISA for pathogen identification for one sample. Additional fees will be assessed for tests conducted on submissions with multiple samples that require detailed diagnosis. See below for testing prices and for additional specialty testing services.

### Plant Pathogen Testing \*

Fees for ELISA and PCR testing of multiple samples are listed below. Please contact the laboratory for a list of pathogen tests.

#### Price Per Sample for ELISA Testing

<u># Pathogens</u>	<u>2-4</u>	<u>5-24</u>	<u>25 or more</u>
1	\$15	\$10	\$7
2	20	12	9
3	25	14	11
4	30	16	12
5	35	18	13
6	40	20	14

#### Price per sample for PCR

<u># Pathogens</u>	<u>2-4</u>	<u>5 or more</u>
1	\$35	\$30
2	40	34
3	45	38
4	50	42
5	55	44
6	60	48

\* When testing for viruses or phytoplasmas, plant tissue samples are generally tested individually (per leaf, stem, etc.), but may be tested in bulk (e.g. up to 5 leaves) for more economical testing. Please note: bulk testing is less able to detect low titers of virus. Call for special pricing of very large sample lots and to learn which pathogens can be detected using these methods.

## **Soil Fungi Assays\*\***

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	<u>1 to 4</u>	<u>5 or More</u>
<i>Verticillium</i> spp./ <i>Colletotrichum coccodes</i>	\$35	\$33
<i>Pythium</i> spp.	25	23
<i>Fusarium</i> spp.	25	23
<i>Phoma terrestris</i> (Onion pink root)	30	28
<i>Pythium</i> , <i>Fusarium</i> spp., and <i>Phoma terrestris</i>	80	74
<i>Pythium</i> , <i>Fusarium</i> and <i>Verticillium</i> spp./ <i>C. coccodes</i>	85	79

\*\* Prices listed are per soil sample. Please allow approximately 2-3 weeks for *Pythium*, *Fusarium*, and *Phoma terrestris* assays and 5 weeks for *Verticillium/C. coccodes* (black dot).

## **Metalaxyl Resistant *Pythium* Soil and Culture Assay**

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The soil assay determines what percent of the total *Pythium* spp. present in the soil show resistance to metalaxyl. The culture assay determines if the *Pythium* spp. recovered from infected plant material is resistant to metalaxyl. The fee for these tests is \$40.

## **Silver Scurf and Black Dot Testing of Potato Tubers**

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Silver scurf and black dot tuber assays are conducted on seed and market tubers. The fee for this service is \$50.00 per lot for one of the diseases (silver scurf or black dot) and \$65.00 for both diseases.

Samples can be shipped via USPS, FedEx, or UPS to the following address:

Robert A Cating, Ph.D.  
Extension Plant Pathology Laboratory  
Oregon State University  
Hermiston Agricultural Research & Extension Center  
2121 S. 1st Street  
Hermiston, OR 97838  
Phone: 541-567-8321

This fee schedule, sample submission form, and directions for sample submission can be found at: <http://oregonstate.edu/dept/hermiston/plant-pathology-plant-lab-testing>

Samples must be accompanied by a completed sample submission form. Sample processing may be delayed if a sample submission form is not included with shipped samples.

Digital pictures can be E-mailed to:

[robert.cating@oregonstate.edu](mailto:robert.cating@oregonstate.edu)

Note: Failure to recover or confirm an organism from a sample does not establish the field to be free of that organism.