

## Plant Diagnostic Services

The Plant Health Program provides a general diagnostic service for the nursery industry, various governmental agencies, licensed landscapers, the Christmas tree industry, and other customers.

Many tests are conducted in addition to those required by specific survey and certification programs.

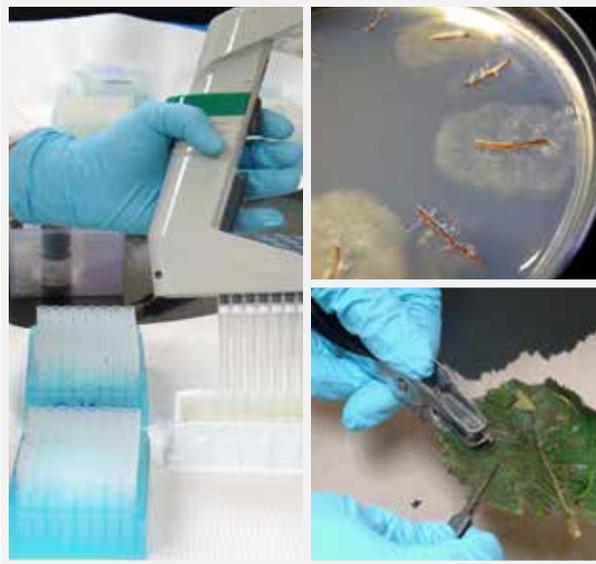
### Tests performed include

- Screening for:
  - > Nematodes
  - > Fungi
  - > Viruses
  - > Bacteria
- Visual analysis for pests and abiotic problems

Fees are charged for these services.

Samples may be collected by the grower or by an official inspector such as a Nursery Program horticulturist.

For more information about these services, please call 503-986-4620 or ask your horticulturist.



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Providing quality services  
that ensure Oregon commodities  
meet or exceed requirements  
of the marketplace.

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Market Access & Certification  
Plant Health Program  
Oregon Department of  
Agriculture

635 Capitol St NE  
Salem, OR 97301  
[oregon.gov/ODA](http://oregon.gov/ODA)  
12.2015



# Market Access & Certification

Plant Diagnostic Services



**Oregon**  
Department  
of Agriculture

## Submitting samples

Submit samples as quickly as possible, preferably within 48-hours of collection. Deliver samples directly to ODA, to your Nursery Program horticulturalist, or by overnight mail (Monday-Friday) to:

### Plant Health Lab

Oregon Department of Agriculture  
635 Capitol St NE  
Salem, OR 97301

Office hours: 8:00 AM to 5:00 PM  
*Closed on state holidays*

Cannabis samples **must** be hand-delivered to the Plant Health Lab, which is located on the 2nd floor of the ODA building at the address above.



## Collecting samples

- Samples for general diagnostics can be collected by nursery staff, a grower, or an ODA Nursery Program horticulturalist.
- Include the entire affected plant with the roots, if possible. At a minimum, the sample must include both healthy and diseased-looking tissue from the affected plant; dried out, brittle samples are extremely difficult to diagnose. Photos can be very helpful, especially of larger plants that can't be fully sampled and of disease patterns in fields. Also include a sample of the planting media, if possible.
- Collect samples before pesticide applications have been made as many pesticides will inhibit pathogen growth and make accurate diagnosis difficult.
- Wrap the sample in a dry paper towel and place in an opened plastic bag.
  - > **Exception:** Cannabis samples must be submitted in a sealed plastic bag.
  - > If sending roots, please package separately so the soil does not contaminate the foliage during shipping.
- Pack in a sturdy shipping container and keep cool until delivery.

Provide as much information on the planting site and growing history as possible to ensure an accurate diagnosis. A copy of the diagnostic request form can be found on the ODA website: [oregon.gov/ODA](http://oregon.gov/ODA) or by calling 503-986-4620.



## Diagnostic tests & fees

|                        |           |
|------------------------|-----------|
| Moist chamber          | \$50      |
| Media plating          | \$35      |
| Microscope examination | \$70/hour |
| Visual examination     | \$70/hour |

### Virus, fungal, and bacterial diagnostic tests

|       |       |
|-------|-------|
| ELISA | \$140 |
| PCR   | \$140 |

### Nematode analysis

|                        |           |
|------------------------|-----------|
| Mist chamber           | \$35      |
| Sucrose centrifugation | \$35      |
| Cyst flotation         | \$35      |
| Other specialty tests  | \$70/hour |

\*Please contact ODA for specific questions on fees and how they are calculated.