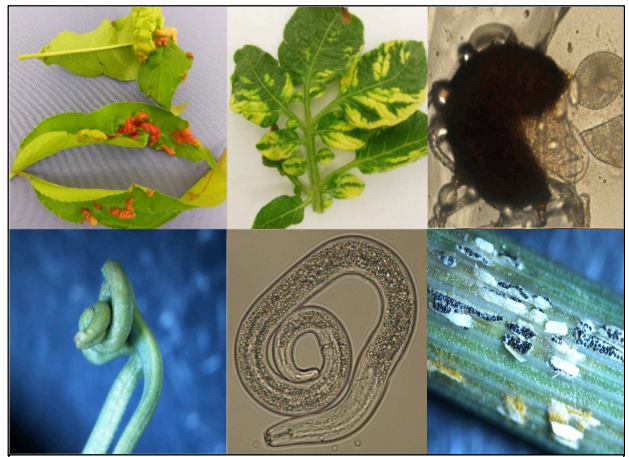


The Washington State University Plant Pest Diagnostic Clinic, and the Puyallup Plant and Insect Diagnostic Laboratory, provide plant problem diagnosis for the state of Washington and surrounding areas.

Accurate diagnosis of plant diseases, disorders, and pests is the first step in implementing a successful integrated pest management (IPM) program.

The Plant Pest Diagnostic Clinic accepts samples from commercial growers, homeowners, public and private landowners, nursery and greenhouse operators, foresters, extension specialists, consultants, agriculture and horticulture-based industries, and government programs.

For more information contact:
Rachel Bomberger, M.S.
rachel.bomberger@wsu.edu • 509-335-0619
plantpath.wsu.edu/diagnostics/



Images Top (L to R): *Taphrina deformans* on peach; virus mosaic on potato leaves; cleistothecia of powdery mildew. Bottom (L to R): nutrient deficiency in pine; spiral nematode; rust pustules on wheat.

Send samples to:

Plant Pest Diagnostic Clinic

FedEx/UPS: 316 Johnson Hall, 100 Dairy Rd

USPS: P.O. Box 646430

Pullman, WA 99164-6430

Label your package *Perishable Plants*.

Download the submission forms at:

Test, Don't Guess!

Verify the disease or pest **before** making management decisions

SERVICES

Full Service Plant Problem Diagnosis (\$40).

This option is for when a microscopic examination alone cannot readily identify the cause. Full service diagnosis encompasses diseases, nematode infection, insect and arthropod pests, and disorders of plants. The clinic uses visual and microscopic examination, incubation, pathogen culturing, and virus testing via ELISA as means to determine the causes of plant problems. Relevant management options are provided based on diagnosis. Examination of soil or seed for nematode infestation (to genus level) and testing soil for presence of soil-borne pathogens (*Verticillium* spp. & *Fusarium* spp.) are available based on capacity-contact the clinic for availability.

Informative Examinations (\$25).

A number of insect and arthropod pests, physiological disorders, and some diseases can be identified readily through visual and microscopic examination alone. Relevant management options are provided based on diagnosis.

Current ELISA testing capabilities include: Soil-borne Wheat Mosaic Virus (SBWMV), Wheat Streak Mosaic Virus (WSMV), Wheat Spindle Streak Mosaic Virus (WSSMV), Barley Yellow Dwarf Virus-PAV (BYDV-PAV), High Plains Virus (HPV), & Potato Virus Y

Additional and specialty tests may require further costs.

To request other services or for any questions regarding testing contact Rachel Bomberger at rachel.bomberger@wsu.edu • 509-335-0619