

# Alberta Plant Health Lab

The Alberta Plant Health Lab (APHL) is part of the Plant and Bee Health Surveillance Section, Alberta Agriculture, Forestry and Rural Economic Development (AFRED). APHL is located at the Crop Diversification Centre North (Edmonton, Alberta). The lab provides plant pest diagnosis and expertise to the agricultural industry, supporting stakeholders in compliance with the *Alberta Agricultural Pests Act*.

## Services

APHL provides accurate diagnosis of existing, emerging and new plant pests to Alberta

- Diagnosis of plant diseases such as:
  - Clubroot and blackleg on canola
  - Fusarium head blight in cereals
  - Dutch elm disease
  - Diseases on potato tubers
- Molecular ID for plant health related life forms
  - Noxious and prohibited noxious weeds
  - Invasive species
  - Agricultural insects
- Monitoring the occurrence and prevalence of new plant pest
  - Assays on plant disease survey samples
  - Development of new diagnostic protocols

## APHL Vision

Engage Alberta's crop industry in leading edge diagnostics and surveillance of plant health risks.

## APHL Values

The APHL values safe, proactive and effective pest management as legislated under the *Alberta Agricultural Pests Act*.

## Who can submit samples?

Diagnostic testing free-of-charge for:

- AFRED
- ASB/AAAF
- Applied Research Associations
- Municipal Pest Management

## What the lab will accept

- Plant tissue
- Weed specimens
- Insect specimens
- Soil samples for disease diagnosis

The lab, and the services provided, will adapt to the needs of clients, using the most current technologies.

## Contact Us

### Alberta Plant Health Lab

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