

M.Sc. Position in Applied Plant Pathology

Pathogen Surveillance for Late Blight in Tomato

We are inviting applications for a M.Sc. student to evaluate pathogen surveillance as a method to improve late blight (*Phytophthora infestans*) management in field tomatoes within the Department of Plant Agriculture, University of Guelph, beginning January, May, or September 2020. Late blight is a disease of worldwide importance in tomato and potato crops. The overall objective of the project is to improve the strategic and judicious use of fungicides for Ontario field tomatoes by better identifying high-risk periods for late blight through the implementation and validation of a spore trap network. Applicants should have a B.Sc. in Agriculture, Plant Biology, Microbiology, Environmental Science, or related field. Previous summer or co-op work experience in agriculture field research or microbiology is an asset. The position is based at the Ridgetown Campus, University of Guelph in Ridgetown, Ontario, within the municipality of Chatham-Kent. Chatham-Kent is the largest producer of field tomatoes in Canada and produces a large diversity of other crops including sugar beets, cucurbits, brassicas, peppers, and field crops. Travel and/or a semester at the Guelph campus for coursework will be required. Travel to research sites within Chatham-Kent is also required. Ridgetown is located approximately one hour from London and 25 minutes from Chatham in southwestern Ontario. Interested candidates should contact Cheryl Trueman (trueman@uoguelph.ca; 519-674-1500 x63646) for more information.

Further information:

[Trueman Lab – Department of Plant Agriculture](#)

[Trueman Lab – Ridgetown Campus](#)

[Department of Plant Agriculture Graduate Studies](#)

[Ridgetown Campus, University of Guelph](#)