

M.Sc. Position in Applied Plant Pathology

Cercospora leaf spot management in sugarbeet

We are inviting applications for a M.Sc. student to work on Cercospora leaf spot (*Cercospora beticola*) on sugarbeet beginning in January, May, or September 2020. Cercospora leaf spot is one of the most economically important diseases of sugarbeet worldwide and is a major foliar disease in Ontario, Canada. The overall objective of the project is to improve management of Cercospora leaf spot of sugarbeet by a) evaluating the ability of iron and boron to reduce Cercospora leaf spot severity and their mechanisms against *C. beticola*, and b) integrating alternative fungicides into current management programs for Cercospora leaf spot. 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 student will be based at the Ridgetown Campus, University of Guelph in Ridgetown, Ontario, within the municipality of Chatham-Kent. Chatham-Kent is the second largest producer of sugarbeets in Canada and produces a large diversity of other crops including tomatoes, 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 (ctrueman@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](#)