

M.Sc. positions on the management of Fusarium head blight on barley and oat

Location:

Department of Plant Science, University of Manitoba and Morden Research and Development Centre, Agriculture and Agri-Food Canada.

Start date:

January, 2020 or thereafter.

Description:

One M.Sc. project is available at Morden Research and Development Centre, Agriculture and Agri-Food Canada to work on the management of Fusarium head blight on barley and oat. Fusarium head blight is a devastating disease of small grain cereals, caused primarily by *Fusarium graminearum* and its close relatives. The mycotoxins produced by Fusarium pathogens during their infection process are of great concern due to their toxin effect to animal and human. We are looking for a motivated student who will conduct field and laboratory experiments to investigate the efficiency of genetic resistance and fungicide treatment for the management of Fusarium head blight (FHB) on barley and oat.

Required Experience:

Bachelor's degree in Plant Science, Microbiology, Biological Sciences, Plant Pathology, Agriculture or another related field.

Contact:

Please send a cover letter, curriculum vitae, unofficial transcripts & contact information of two references in PDF format to Dr. Xiben Wang (xiben.wang@canada.ca).