



**University  
of Manitoba**

## **Master of Science in Entomology**

### **Student position**



### **Host plant resistance mechanisms against wheat midge**

The orange blossom wheat midge (WM), *Sitodiplosis mosellana* (Diptera: Cecidomyiidae), is a major pest of Canadian wheat, currently managed using wheat varieties with one resistant gene (*Sm1*). The student will study the response of wheat midge to new sources of resistance present in selected varieties, including awns, egg antibiosis, and hairy glumes, in laboratory bioassays.

Candidates must hold a B.Sc. degree in entomology, ecology, agroecology, biology or related field. Applicants should have a keen interest in insect ecology and trophic interactions. For full consideration apply September 30, 2019; applications will be reviewed until a successful applicant is selected. The position is available to start as soon as possible.

Applications and all inquiries should be submitted to Alejandro C. Costamagna at [Ale.Costamagna@umanitoba.ca](mailto:Ale.Costamagna@umanitoba.ca), with a subject “wheat midge MSc position”. Please include in your application: 1) Letter of application describing career goals and research interests, 2) CV, and 3) Names, addresses, phone numbers and email addresses of three references.

Visit <https://home.cc.umanitoba.ca/~costamac/index.html> for more information about our research.