



Tuesday, December 29, 2020

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## Vegetable Crops Summer Student Positions for OMAFRA based in Guelph



**Job Posting:** Field Research Assistant in Vegetable Crops

**Organization:** Ontario Ministry of Agriculture, Food and Rural Affairs

**Division/Branch:** Economic Development Division / Agriculture Development Branch

**Job Term:** Temporary (3 positions) for 14 weeks

**Location:** 1 Stone Road W, Guelph, Ontario

**Salary:** \$15.10 / hour, based on a 36.25 hour work week

**Start Date:** April 26<sup>th</sup>, 2021 to May 3<sup>rd</sup>, 2021

**Closing Date:** Friday, January 8<sup>th</sup>, 2021

The Ontario Ministry of Agriculture, Food and Rural Affairs – Agriculture Development Branch in Guelph Ontario is seeking a highly motivated, enthusiastic and energetic team player. This position will provide an excellent opportunity for those interested in a career in horticulture production, pest management, plant pathology, entomology, research or the agricultural service sector. This position will provide the opportunity to learn about plant diseases, insects and pest management in the horticulture crop sector within the province. The successful candidate will be responsible for both field and office duties. Field work includes setting up research plots, assessing pest populations, scouting for pest issues, recording insect trap data, conducting pest surveys, assisting in data collection and research plot maintenance in vegetable crops. Office duties will include data entry and literature reviews.

### Duties may include some or all of the following:

- Assist with applied research and demonstration projects conducted by Ontario Ministry of Agriculture, Food and Rural Affairs (OMAFRA).
- Projects will focus on plant pathology, entomology and pest management in vegetable crops.
- Field work includes setting up and maintaining (planting, weeding etc.) research plots, field scouting, pest monitoring and identification, production practices, pest management etc., collecting/entering of data and preparation of written reports. Training will be provided on research methods, technology transfer, and working in the public sector.

### “In This Issue”

- ♦ Vegetable Crops Summer Student Positions for OMAFRA based in Guelph
- ♦ Pesticide Resistance Management Seminars

# **Vegetable Crops Summer Student Positions for OMAFRA based in Guelph...con't**

- Assist with the collection and analysis of on-farm samples and data from research projects.
- Assist with gathering existing information, conduct new literature reviews and develop written reports and presentation materials on key initiatives.
- Office work will include assisting with data entry into disease prediction models research, data entry and database management, assisting with the production of technical information such as newsletters, factsheets, web pages, blogs, etc.

## **Please review the qualifications for this position. What we are looking for:**

- You work independently or as part of a team; you plan, organize and prioritize your work to meet competing deadlines.
- You are willing to travel to rural locations (frequently not accessible by public transportation).
- You are familiar with farming and interested in horticulture crop production.
- You enjoy working in an outdoor environment with physical activity involved.
- You apply your interpersonal skills to work within a multi-disciplinary team.
- You apply your observational skills and attention to detail to conduct research, field monitoring, data collection and entry.
- You are able to apply your written communication skills to prepare a variety of documents (e.g. reports, factsheets, and articles).
- You are familiar with computer-based software applications including Word and Excel.

## **Requirements:**

- You must have an **Ontario full G Driver's Licence** and a good driving record.
- You must demonstrate how you meet the eligibility criteria, skills and experience we are looking for clearly, completely and concisely. We rely on the information you provide to us.
- You must be a resident of Ontario.
- You must be eligible to work in Canada.
- You must be between 15-24 years of age (up to 29 with disability) on the first day of employment.
- You must be currently enrolled in a secondary or post-secondary school, or have completed all academic requirements for graduation within 6 months of first day of employment.

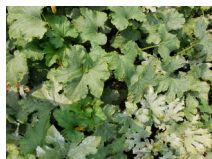
## **How to Apply:**

- You must provide your cover letter and resume electronically **in one file** to [travis.cranmer@ontario.ca](mailto:travis.cranmer@ontario.ca) in PDF or you could provide your cover letter and resume on paper to:

Travis Cranmer  
Vegetable Crops Specialist  
Ontario Ministry of Agriculture, Food and Rural Affairs  
1 Stone Road West, 1<sup>st</sup> Floor NW  
Guelph, Ontario, N1G 4Y2  
(519) 835-3382

If you have a disability and require accommodation to apply please contact the supervisor above.

# Pesticide Resistance Management Seminars



## Lunch and Learn Series for fruit, vegetable and specialty crops

Presented by OMAFRA horticulture specialists:

Hannah Fraser – Entomologist

Katie Goldenhar – Pathologist

Kristen Obeid – Weed Management



This series on pesticide resistance management is to give field growers with fruit, vegetable and specialty crops a holistic view on pesticide resistance. We will cover basics of pesticide resistance then dive deeper into insecticide, herbicide and fungicide resistance and management. Register with the link below, you will be able to attend all sessions. Sessions will start each day at 12PM with a 30-minute presentation followed by question and answer period.

### Resistance 101

Monday January 25th

12-1pm

- Impact of resistance
- How resistance occurs
- Resistance drivers
- Mechanisms of resistance
- Challenges to management
- Foundations of resistance management
- Resources for success

### Insecticide Resistance

Tuesday January 26th

12-1pm

- 16,000 cases and counting
- Mechanisms of pesticide resistance in insects and mites
- Risk factors beyond your control
- How agronomic practices can drive selection pressure
- Spraying by the numbers: IRAC MOA groups and your IPM program

### Herbicide Resistance

Wednesday January 27th

12-1pm

- Mechanisms of Herbicide Resistance
- Herbicide Risk (WSSA groups, low vs high risk products)
- Weed Risk – Current resistant weed situation: Focus on *Amaranthus* spp.
- Agronomic Risk (practices that increase herbicide resistance risk)
- Herbicide Resistance Management

### Fungicide Resistance

Thursday January 28th

12-1pm

- Fungicide Risk (FRAC groups, multi-site vs single-site, low vs high risk products)
- Diseases at Risk (diseases at high risk, factors that increase resistance)
- Agronomic practices that can decrease resistance risk
- Fungicide resistance management (BMPs when using fungicides)

Register in advance for these seminars:

<https://zoom.us/join/register/tjwucO6uqjltHND1HJcOaMdYnbcF-grc7irt>

After registering, you will receive a confirmation email containing information about joining the meeting.

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