



## **Research Scientist, Biological Control Research & Development**

Come join Canada's leader in horticulture research and innovation!

Vineland Research and Innovation Centre (Vineland) can help you grow your career because we are looking for a Research Scientist, Biological Control to join our amazing team.

Vineland Research and Innovation Centre is a uniquely Canadian results-oriented organization dedicated to horticulture science and innovation. We are an independent, not-for-profit organization, funded in part by the Sustainable Canadian Agricultural Partnership (Sustainable CAP), a five-year, federal-provincial-territorial initiative.

We deliver innovative products, solutions and services through an integrated and collaborative cross-country network to advance Canada's research and commercialization agenda.

### **What we're looking for...**

Reporting to the Director, Biological Crop Protection, the Research Scientist, Biological Control will develop and lead research projects to enable and accelerate the introduction and use of biological plant protection strategies and reduce the negative impact of pests in horticultural crops (including greenhouse, outdoor fruit and vegetable crops). Following a clear understanding of the challenges and needs of the horticulture industry, these projects will develop new crop protection tools, strategies, evaluate them, design and test implementation practices to improve the success of IPM.

The Research Scientist will collaborate closely with other scientific and technical staff at Vineland, as well as external partners, to enable a multidisciplinary approach to research and project delivery that incorporates breeding, plant pathology, consumer and sensory sciences, plant production systems, bioinformatics, and biochemistry.

### **What you'll do...**

- As part of a team, including the Program Leader and technical staff, assume the responsibility for the delivery of multiple research projects in biological pest control, including a multi-year project on aphids and thrips.
- Working together with the Program Leader, Business Development Office, and Research staff, develop new projects and funding sources (both grants and industry) to build and maintain the Research Program project pipeline.
- Work across the Vineland programs and teams to contribute biological pest control expertise.
- Lead, train and manage program staff, co-op and graduate students.
- Assist with the administration of the annual operating budget for the Program.

### **What we need from you...**

#### **Qualifications**

- Post-secondary degree (B.Sc. or M.Sc.) in Biological Science or related field with a focus on entomology.



- PhD in Biological Science or related field with a focus on entomology preferred.
- Minimum 3-5 years of research experience in biological control and integrated pest management.

## **Knowledge and Skills**

- Experience in insect and mite ecology, insect pathology and/or biopesticides and bio stimulants, especially biocontrol of thrips and aphids.
- Experimental design and statistical analysis.
- Knowledge of integrated pest management, biological control and sustainability in the horticulture sector.
- Knowledge of bioproduct registration process and regulations around bioproduct research.
- Working knowledge of budgeting and financial management.
- Demonstrated ability to manage a small team.

*(\*A more comprehensive position outline is available upon request.)*

## **Why work for us...**

Our people are the most important asset in achieving our goals and are known in the world for their excellence in science and entrepreneurship. Our staff enjoys an exciting and challenging work environment noted for collaboration and knowledge sharing.

Vineland strives to create an environment that brings the power of diversity to life. We welcome applications from all qualified candidates including women, Indigenous peoples, members of visible minorities and racialized groups, persons with disabilities, persons of the 2SLGBTQIA+ community, and others. In accordance with all applicable provincial accessibility standards, accommodations are available upon request for candidates taking part in all aspects of the recruitment, selection and/or assessment process.

## **And there's more...**

- Flexible work arrangement
- Competitive Salary + Bonus Structure
- Comprehensive health benefits
- RRSP Matching Plan
- Paid vacation
- Employee perks
- Company Events

## **Contract Term:**

Duration: September 2024 – March 2028 (approximately three+ (3+) years)

## **About Us...**

Vineland is located at 4890 Victoria Avenue North\*, Vineland Station, Ontario, Canada.

Vineland is situated on treaty lands. These lands are steeped in the rich history of the First Nations including the Hatiwendaronk, the Haudenosaunee, the Anishinaabe and the



**vineland**  
RESEARCH & INNOVATION CENTRE

Mississaugas of the Credit First Nation. Many First Nations, Métis and Inuit people from across Turtle Island live and work in Niagara today. Vineland stands with all Indigenous people, past and present, in promoting the wise stewardship of the lands on which we live. As treaty people, residents, and caretakers, we are committed to continuous learning and a deep respect for Indigenous people, culture and history.

We look forward to hearing from you! Submit your application online and in confidence to:

Website: [www.vinelandresearch.com](http://www.vinelandresearch.com)  
E-mail: [careers@vinelandresearch.com](mailto:careers@vinelandresearch.com)  
Vineland Research and Innovation Centre  
4890 Victoria Avenue North, Box 4000  
Vineland Station, Ontario, Canada, L0R 2E0

*(\*Please note that this location is not accessible by public transportation.)*

We appreciate all applications received; however, only candidates selected for an interview will be contacted.

**For more information on Vineland Research and Innovation Centre  
visit us at [www.vinelandresearch.com](http://www.vinelandresearch.com).**