

## **Agricultural Research and Innovation Ontario: Innovative Breeding Research Program**

### **Sponsor**

Agricultural Research and Innovation Ontario (ARIO)

### **Description**

The Agricultural Research and Innovation Ontario's Innovative Breeding Research Program aims to strengthen Ontario's agri-food sector and agri-food research capacity by creating new tailored plant varieties and livestock, apiculture, or aquaculture breeds for Ontario's domestic food supply and export markets. The program also seeks to support economic development through potential new Intellectual Property (IP).

The program will invest in plant, livestock, apiculture and aquaculture breeding research projects and will fund:

- Traditional and established breeding programs such as soybean, grains/oilseeds, and wheat; and,
- Emerging niche sectors and up-and-coming breeding research in areas such rainbow trout, honeybees, and horticulture as well as Indigenous crops.

The objectives of the program are to:

- Address the sustainability and productivity of Ontario's agri-food sector by developing new tailored plant varieties, livestock and aquaculture traits that support Ontario's domestic food supply, promote biodiversity and plant and animal health, and help to build resiliency to climate change.
- Foster economic growth and competitiveness of the sector by strengthening export market opportunities, enhancing research and innovation capacity, creating new made-in-Ontario intellectual property, and generating reinvestment funds for Agricultural Research and Innovation Ontario.

The ARIO invites project proposals to the program. Projects will be adjudicated through a one-step review process. Full proposals are due by 2:00 p.m. on Monday, February 10, 2025.

Applications are submitted online using the OMAFA [Research Management System \(RMS\)](#) [1].

For further information about this call, please refer to the Program Guide found with the program

description in the RMS (under 'Invited Calls' on the RMS Researcher Workbench).

## Eligibility

University of Guelph faculty members are eligible to be the Lead Applicant and/or a Co-Applicant on any ARIO Innovative Breeding Research Program project. Adjunct faculty members may also apply as a Lead Applicant or Co-Applicant (using their @uoguelph.ca email address and their U of G department for their RMS login credentials) as long as they are eligible to hold research funding at the University of Guelph; they are not employed by or have a financial interest in any of the collaborating organizations or co-funders; and their adjunct position permits them to engage in research-related activities that are not under the direction of another individual. Consult the program guide for more details.

Prior to a new proposal being awarded the Lead Applicant and Co-Applicant (if applicable) must be in 'good standing' for all Ontario Ministry of Agriculture, Food and Agribusiness (OMAFRA)-funded research projects, including all reporting, if awarded in the past.

All additional eligibility requirements are set out in the Program Guide.

## Special Notes

Please read the Program Guide in detail as there are special and important instructions on how to fill out a proposal, in particular related to the budget.

## Deadlines

**If College-level review is required, your College will communicate its earlier internal deadlines.**

Type	Date
<b>External Deadline</b>	Monday, February 10, 2025 - 2:00pm

For Questions, please contact  
Emily Boylan, Research Analyst

Agricultural Research and Innovation Ontario Secretariat

[Emily.Boylan@ontario.ca](mailto:Emily.Boylan@ontario.ca) [2]

For questions about the application process in RMS please contact  
[rmsadministrator@ontario.ca](mailto:rmsadministrator@ontario.ca) [3].

Alert Classifications **Category:**  
Funding Opportunities and Sponsor News

**Disciplines:**

Health and Life Sciences

---

**Source**

**URL:** <https://www.uoguelph.ca/research/alerts/content/agricultural-research-and-innovation-ontario-innovative-breeding-research-program>

**Links**

[1] <https://omafra2.smartsimple.ca>

[2] <mailto:Emily.Boylan@ontario.ca>

[3] <mailto:rmsadministrator@ontario.ca>