

## Grain Farmers of Ontario - Letters of Intent 2024

### Sponsor

Grain Farmers of Ontario (GFO)

### Program

[Barley, corn, oat, soybean, and wheat research](#) [1]

### Description

Investment in research is a long-term strategic initiative of the Grain Farmers of Ontario for the benefit of all barley, corn, oat, soybean and wheat farmers. Ontario's grain farmers have sponsored and participated in decades of practical research that has resulted in economic gains and improved agricultural sustainability for Ontario farmers and the Ontario environment. Our goal is to invest in research and support innovation and knowledge transfer that will enhance farmer member profitability and sector competitiveness.

Grain Farmers of Ontario aims to address the research needs for barley, corn, oat, soybean, and wheat through four overall priority areas:

- Agronomy and Production
- Weed, Disease and Insect Pests
- Crop Quality and Utilization
- Breeding and Genetics.

Within each priority area, Grain Farmers of Ontario invests funds in projects of high priority to Ontario farmers, strives to maximize public sector research investment and encourages private sector research investment.

Each year Grain Farmers of Ontario identifies specific priorities toward which it would like to target increased research investment. This year, Grain Farmers of Ontario is placing a particular emphasis on research proposals targeting the following research priorities:

- Integrate 4R nutrient stewardship practices for commercial fertilizer with other nutrient sources (e.g., cover crops, manure application, biosolids) and validate 4R practices to improve farm profitability and reduce N losses and GHG emissions per unit of crop production.

- Develop integrated weed, disease and insect pest management strategies that consider multiple management options, biology and epidemiology of the pest, and prevention of pest resistance to trait and pesticide control measures. Of particular interest are projects addressing white mould in soybeans.
- Develop effective crop residue management practices to minimize residue challenges and maximize crop production, profitability and environmental sustainability under minimal tillage/no-till.
- Explore revolutionary grain drying technologies to substantially improve grain drying efficiency and explore agronomic solutions for drydown to improve profitability of grain production and reduce GHG emissions.

## Funding Availability

Budget requests for this program may be \$10,000 to \$90,000 per year but typically are around \$30,000 per year.

## Indirect Costs

25%

Overhead may not be applied to equipment expenses over \$10,000.

## Project Duration

Maximum project length is 5 years, and projects cannot start prior to April 1, 2024.

## Special Notes

### Matching Funds

Identification and pursuit of matching funding sources is **strongly** encouraged. Please indicate the name(s) of the funding source(s). Ideally a project would include funding from all relevant parties which have a stake in the outcome of the project. Where relevant please consult with potential industry partners before applying to GFO.

## Deadlines

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

Type	Date	Notes
Internal Deadline	Wednesday, July 5, 2023 - 4:30pm	Please submit your LOI along with an OR-5 Form to <a href="mailto:research.services@uoguelph.c">research.services@uoguelph.c</a>

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Type	Date	Notes
		<a href="#">a</a> [2].
<b>External Deadline</b>	Wednesday, July 12, 2023 - 4:30pm	LOI to be submitted to GFO by applicant.
<b>Internal Deadline</b>	Monday, October 16, 2023 - 4:30pm	Applicants will be notified of LOI outcome in late August. Those invited to submit a full proposal to GFO are required to submit a copy to the Office of Research Services one week before the full proposal is due to GFO. Please submit your full proposal to <a href="mailto:research.services@uoguelph.ca">research.services@uoguelph.ca</a> <a href="#">a</a> [2].
<b>External Deadline</b>	Monday, October 23, 2023 - 4:30pm	Full proposal is submitted to GFO by applicant.

## How to Apply

See GFO site for [LOI Form & Instructions](#) [3].

For Questions, please contact

**GFO**

Paul Barnard, Research Coordinator, [pbarnard@gfo.ca](mailto:pbarnard@gfo.ca) [4] or 519-767-4138

### Office of Research

Laurie Gallinger, Awards & Agreements Officer

Research Services Office

[lgalling@uoguelph.ca](mailto:lgalling@uoguelph.ca) [5]

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Funding Opportunities and Sponsor News

### Disciplines:

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Information and Communications Technology  
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### Source

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### Links

[1] [https://gfo.ca/research/?utm\\_campaign=CallforLOI06132022&utm\\_medium=email&utm\\_source=CallforProposals](https://gfo.ca/research/?utm_campaign=CallforLOI06132022&utm_medium=email&utm_source=CallforProposals)

[2] <mailto:research.services@uoguelph.ca>

[3] <https://gfo.ca/research/>

[4] <mailto:pbarnard@gfo.ca>

[5] <mailto:lgalling@uoguelph.ca>