Letter of Intent – 2022 Call for Research Proposals

**SUBMISSION DEADLINE: Wednesday July 14, 2021 (by 4:30 p.m.)**

**To be considered for funding, all project ideas must be submitted at the Letter of Intent (LOI) stage. If new issues or opportunities arise after LOIs are due and warrant a rapid research response, please contact us and we will consider these on a case-by-case basis.**

**Instructions:**

* Applicants must electronically submit the provided template for their LOI.
* Applicants are principal researchers. If co-investigators are involved, you may add their information into the applicant information area.
* Do not include collaborators in the LOI; they will be identified later if the Applicant is invited to submit a full proposal.
* Applications must be submitted in a Word format with 1” margins.
* Please use at least a size 10 font.
* The completed application form must be no longer than 2 pages (not including the optional appendix). If you are including figures/tables to explain methodology, please limit to 1 page as an appendix.
* You may remove instructions underneath sections to allow for more room.
* Do not provide additional information. Additional information, such as Letters of Support, will not be considered at this stage.
* First-time applicants should contact staff well before submission to discuss project ideas.
* 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.
* GFO will not typically support projects that it views as the responsibility of private industry (i.e., private product development or testing).
* If a project has the potential to encounter regulatory constraints (e.g., gene editing, new pest control products etc.) please outline how these will be addressed.
* Budget requests to GFO should be reasonable for the proposed work and proportional to the estimated benefit to Ontario’s grain farmers. Budget requests to GFO typically range between $10,000 to $90,000 per year with a median budget of around $25,000.
* Maximum project length is 5 years and projects cannot start prior to April 1, 2022.
* Where relevant please consult with potential industrial partners before applying.
* For any Breeding and Genetics projects please clearly identify how it builds on a base breeding program and how genomics tools will be directly applicable to a breeding program.
* For all Crop Utilization projects please ensure the following:
	+ Involvement of a company capable of commercializing the new use pathway and interested in utilizing grains produced in Ontario.
	+ An estimate is provided as to the amount of Ontario-produced grain that would be used to meet market demand.
* Please send completed LOIs to pbarnard@gfo.ca.

**Note:** The space given underneath each section is a suggestion on how much to write. How much you write in each section is up to you, so long as the total LOI is no longer than 2 pages with 1” margins, plus a 1-page optional appendix with 1” margins.

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| --- | --- |
| **Project Title** |  |
| Applicant’s Name |  | Job Title |  |
| Email |  | Organization |  |
| Project Start Date |  | Project End Date |  |
| What is the primary crop being studied: barley, corn, oats, soybean or wheat? |  |
| Choose one of the 4 GFO research categories this project best falls into (see the *Research Priority* document – *i.e.*, Agronomy & Production *etc*.) |  |

 **GFO Letter of Intent – 2022**

* **Objectives:**

– List in point form

* **Explain the problem / opportunity this project will address:**
* **Benefits to producers and alignment with Grain Farmers of Ontario research priorities:**

– Clearly describe/quantify how grain farmers in Ontario will benefit from this project (e.g., estimated financial benefit) and identify where there is value to other industry / government users as well.

– Where the research is upstream / early stage, clearly identify the post-project steps needed for it to eventually benefit Ontario’s grain farmers.

* **Proposed solution:**

– List experimental approaches to meet objectives: proposed treatment list, experimental design(s), location(s) of field experiments (if applicable). A 1-page appendix of figures and tables is permitted.

– List anticipated research deliverables.

* **Target audience(s) for knowledge transfer (KT):**

– List the top 3 target audiences that would be most interested in your anticipated research deliverables.

* **Budget:** Fill in the table below showing the amount of funding you are requesting from GFO as well as amounts and names of potential partner funding sources (pending or confirmed)**.**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Funding source** | **Apr 2022****Mar 2023** | **Apr 2023****Mar 2024** | **Apr 2024****Mar 2025** | **Apr 2025****Mar 2026** | **Apr 2026 Mar 2027** | **Total** |
| GFO |  |  |  |  |  |  |
| Partners (list them) |  |  |  |  |  |  |

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