



2024 TURFGRASS RESEARCH GRANTS REQUESTS FOR PROPOSALS

The **Ontario Turfgrass Research Foundation (OTRF)** is a registered Canadian charity that annually provides grants to science-based projects that will assist the turf industry with improved products, better practices, and sustainable environments.

Research grants are awarded based on identified research needs for the turf sector, as defined by stakeholders in the turfgrass industry. These research priorities are reviewed and updated regularly as the needs of turfgrass managers are constantly evolving.

Turfgrass Research Priorities:

- Sustainable turfgrass management
- Turfgrass best management practices
- Pest and disease management
- Development and evaluation of effective alternatives to conventional pesticides
- Improved diagnostics for new pests and turf diseases in northern climates
- New instrumentation, robotics, and software technologies
- Improved turfgrass species and varieties
- Wear tolerance, management, and recovery
- Nutrient management and nutrient sources
- Water conservation and water quality
- Effects of climate change on turfgrass and pests
- Economic impact of turf management decisions
- Comparison of economics, environment, playability of synthetic & natural turf
- Societal benefits of turfgrass

To apply for an OTRF grant, submit the application by November 15, 2023, for project funding consideration commencing April 2024.

Send completed applications and question to info@OTRF.ca

Ontario Turfgrass Research (OTRF) Application

Project Title:
Principal Investigator:
Co-Principal Investigator (If applicable):
Research University/Facility:

Project Summary		
Project Length (years)	Start Date: April 1. 2024	Expected End Date:
Project Summary – 100 word maximum.		
Describe the research and how the results may impact the turfgrass industry and/or benefit the public.		

Check off one or more research priorities that best fit the project:

- Sustainable turfgrass management
- Turf management best practices.
- Pest and disease management
- Development and evaluation of effective alternatives to conventional pesticides
- Improved diagnostics for new pests and turf diseases in northern climates.
- New instrumentation, robotics, and software technologies.
- Improved turfgrass species and varieties
- Wear tolerance, management, and recovery
- Water conservation and water quality.
- Nutrient management and nutrient sources.
- Effects of climate change on turfgrass and pests.
- Economic impact of turf management decisions
- Comparison of economics, environment, playability of synthetic & natural turf
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PROJECT DETAILS

- 1. Describe the rationale and background of the project (half page maximum).**
- 2. What are the potential benefits to turfgrass management? To the public/users?**
- 3. Will the project be conducted as part of a larger project, perhaps in collaboration with another researcher, department or institution? If so, describe.**
- 4. Will the research support the development of a commercial product (i.e., pest control product, fertilizer, equipment, turfgrass technology)? If so, describe the product and disclose if a company is involved in development.**
- 5. List the overall objectives for your project. In addition, estimate the measurable milestones and timelines to complete each objective.**
- 6. Describe the methodology to be used to achieve the objectives.**
- 7. Describe the expected deliverables of this project upon completion.**
- 8. Summarize how the results will be disseminated such as scientific publications, websites, conference presentations, etc.**
- 9. Outline potential delays that could prevent the project from reaching the objectives or completion date.**

TOTAL PROJECT BUDGET (in Canadian Dollars)

***Total Project Budget must equal total Requested OTRF Funding (table 1) plus other funding sources (table 2)**

Estimated TOTAL Project Expenses	Year 1(\$)	Year 2(\$)	Year_(\$)	Total Project Cost
Lab Technician Salaries				
Graduate Student Stipends				
Supplies				
Travel and communication				
Other (specify)				
Totals				

Table 1: Requested OTRF Funding (in Canadian Dollars)

	Year 1 (\$)	Year 2 (\$)	Year_ (\$)	Total Requested Funding
Lab Technician Salaries				
Graduate Student Stipends				
Supplies				
Travel and communication				
Other (specify)				
TOTALS				

Note: The OTRF, as a registered Canadian charity, will not award grants that include institution overhead. Note: Most Universities will allow an overhead exemption with an OTRF Charitable Status Exemption Request Letter, available upon request.

Table 2: If you have other funding sources, including in-kind expenses, for this project, list them below. If it is unsecured, indicate the expected funding decision date in the 'Secured' column.

Funding Source	Funding Requested (\$)	Grant Approved? (yes/no)

APPLICANT INFORMATION

MAILING ADDRESS Street:

City:

Province/State:

Postal Code/ZIP:

Phone:

E-mail:

Website Address(if applicable)

Please indicate what best describes your primary research area:

Pathology

Entomology

Environmental

Other (please outline): _____

Plant Nutrition

Education

1. As the principal investigator, briefly highlight the major skills and experience that demonstrate the ability to complete the project within the timeframe allotted. Please attach one page curriculum vitae.

2. Provide a brief background of your research facility (department), if an OTRF grant has not previously been awarded to your institution.

3. List any partners or collaborators involved with this project and briefly describe their functions and qualifications.

4. If the project involves the training of students, indicate the level of degree to be obtained and outline their involvement with the project.

5. If this project is a continuation of a previously funded research project by a Canadian turfgrass research foundation, list the title of the project, completion year and name of the funding foundation.

PRIVACY & ACKNOWLEDGEMENT

Privacy:

Applicant acknowledges that Information held by the OTRF may be required to be disclosed to third parties pursuant to the provisions of the Freedom of Information and Protection of Privacy Act.

Acknowledgement:

By submitting this application, the Applicant acknowledges and agrees that:

- All information disclosed in this application to be true to the best of the applicant’s knowledge.
- The OTRF may impose terms and conditions related to its approval.
- The decision of OTRF is final and binding on the Applicant.
- The Applicant has disclosed all other sources of funding applied for and/or confirmed for the project.
- If funding is approved, the Applicant shall enter into a project agreement with the OTRF incorporating any terms and conditions imposed by the OTRF.
- Applicants, their principals and partners, consent to having their names, funding amounts and short summaries of their projects and results made available to the public.

Certification:

The Applicant hereby certifies to the OTRF that the application and supporting documentation are true and complete in all respects and that the person signing on behalf of the Applicant has read and understood the Privacy and Acknowledgement clauses.

Signature:	Date:
Position:	Co- applicant Signature: (if applicable)

SEND COMPLETED APPLICATIONS TO:

INFO@OTRF.CA

DEADLINE DATE FOR SUBMISSION: NOVEMBER 15, 2023