



# 2022 TURFGRASS RESEARCH GRANTS REQUESTS FOR PROPOSALS

The **Ontario Turfgrass Research Foundation (OTRF)** annually provides grants to scientific based projects that will assist the turf industry with improved products, better practices, and sustainable enhancements.

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 green space management are mandated.

## Turfgrass Research Priorities:

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

**To apply for an OTRF grant, submit the application by November 1, 2021, for project funding consideration commencing April 2022.**

Send completed applications and question to [info@OTRF.ca](mailto:info@OTRF.ca)

# Application

*For Internal Use Only*

Date Received \_\_\_\_\_ Proposal # \_\_\_\_\_  
Approved Project # \_\_\_\_\_ Not Approved \_\_\_\_\_

<b>Project Title:</b>
Principal Investigator:
Co- Applicant (If applicable):
Research Facility:
Department:

Project Summary		
Project Length (years)	Start Date	End Date:
<b>Project Summary – 100 word maximum.</b> 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:**

- A systems approach to sustainable turfgrass management.
- Turf management best practices.
- Effects of climate change on turfgrass and pests.
- Improved turfgrass species and varieties.
- Societal benefits of turfgrass.
- Economic impact of turf management decisions.
- New instrumentation, robotics and software technologies.
- Economics, environment, playability) of synthetic turf & comparison to natural turf.
- Development and evaluation of effective alternatives to conventional pesticides.
- Nutrient management and nutrient sources.
- Water conservation and water quality.
- Improved diagnostics for new pests and turf diseases in northern climates.
- Wear tolerance, management and recovery.

**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.**

**OBJECTIVE 1**

**OBJECTIVE 2**

**6. Describe the methodology to be used to achieve the objectives:**

**Objective 1 Methodology:**

**Objective 2 Methodology:**

**7. Describe the expected deliverables of this project:**

**8. Summarize how the results will be shared such as scientific publications, websites, conference presentations, etc:**

**9. Outline potential delays that could prevent the project from reaching the objectives or completion date:**

<b>OTRF Funding Request (in Canadian Funds)</b>				
	Year 1 (\$)	Year 2 (\$)	Year_ (\$)	Projected Funding
Lab Technician Salaries				
Graduate Student Stipends				
Supplies				
Travel and communication				
Other (specify)				
<b>TOTALS</b>				

**Note: The OTRF, as a registered Canadian charity, will not award grants that include institution overhead. A letter of request for exemption is available upon request.**

<b>If you have other funding sources for this project, list them below. If it is unsecured, indicate the expected funding decision date in the 'Secured' column.</b>		
Funding Source	Cash or In-Kind amount (\$)	Secured (yes/no)

<b>TOTAL PROJECT BUDGET</b>				
<b>* must equal total OTRF budget plus other funding source(s) budget</b>				
Estimated TOTAL Project Expenses	Year 1(\$)	Year 2(\$)	Year_(\$)	Total Project Cost (\$)
Lab Technician Salaries				
Graduate Student Stipends				
Supplies				
Travel and communication				
Other (specify)				
<b>Totals</b>				

## 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

Plant Nutrition

Entomology

Education

Environmental

Other (please outline): \_\_\_\_\_

**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.**

**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](mailto:INFO@OTRF.CA)

DEADLINE DATE FOR SUBMISSION: NOVEMBER 1, 2021

