**2022 Request for Proposals**

**Production Research Priorities for 2022**

1. **Benefits of Turfgrass**
	1. **Natural Turfgrass vs. Artificial Turf for Public Areas and Sports Fields**
		1. **Safety, Variety Development (Blends) for Durability, Environmental, Costs**
	2. **Safety**
	3. **Environment**
	4. **Social**
	5. **Other**
2. **Weed Management**
	1. **Areas of Focus**
		1. **Ventenata**
		2. **Rattail Fescue**
		3. **Dog Fennel**
		4. **POA Annua**
		5. **Alkali Grass**
		6. **Bedstraw**
		7. **Downy Brome**
		8. **Henbit**
3. **Agronomics**
	1. **Soil Health and pH**
		1. **Effects on Nitrogen on pH Levels**
	2. **Vernalization**
		1. **Can the Vernalization Process Be Expedited?**
		2. **How Does Vernalization Affect Seed Production**
		3. **Timing**
4. **Other Areas of Focus**
	1. **Production, Processing, Irrigation, Transportation , Handling, Distribution, Markets for By-Products**

**Proposal Schedule**

* **October 4, 2021** RFP Issued based on priorities for calendar year 2022.
* **November 19, 2021** Deadline for submission to WTSC for 2022 projects.
* **November 19, 2021** Deadline for Final Report for previous year’s projects

(when applicable).

* **December 1, 2021** WTSC Research and Board meeting to evaluate proposals for

2022 funding and determine needed follow-up questions. Those submitting a proposal may be asked to present their proposal at the WTSC Annual Meeting. Date, Time and Location of the WTSC Annual meeting TBD.

* **WTSC Annual Meeting** WTSC Board approves final 2022 research projects and

budget.

* **After June 1, 2022** Payment will be made per the agreement. Final payment will be made upon receipt of progress/final research report.

**Note:** The WTSC annual deadline for research proposals for the upcoming fiscal year (June 1 – May 31) is November 19 of the current year. This deadline is timely for the annual proposal and budget review. However, the Commission will also consider proposals throughout the year, though funding decisions may not occur until late fall. Contact Shane Johnson, Administrator, for further information.

The Commission is looking for projects that meet the current research priorities. WTSC grants are open to non-profit organizations, including commodity groups/associations and farmers' groups, private enterprises such as pest consultants and food processors, university and extension programs. A progress report is due by November 19 of each year of a multiple-year grant. A final report, including final fund requests, are due no later than 60 days after the project ends. Funds for grants are limited and the selection process is competitive. Please follow the application process and format below, and be aware that WTSC allows only direct costs. Researchers competing for funds may be asked to present to the commissioners at their annual meeting.

Submit your proposal electronically (as a Word or PDF attachment) to Shane Johnson (shanej@agmgt.com) by the deadline date. Initial funding decisions will be made in December 2021, final funding for projects will be approved after the Annual Meeting. Funds will be available from documented invoices sent to the Commission office on a quarterly basis. Final payment will be made upon receipt of progress/final research report.

**Research Proposal Format Instructions**

*Instructions:*

1. Proposals should be self-explanatory and easily understood by producers.
2. Address each item listed in the following format.
3. Particular focus should be paid to anticipated benefits from the project and how results will solve a problem or enhance the industry.
4. Specific project objectives are requested so they can be accomplished during the project period.
5. If a proposal is resubmitted for a continuation of research funding, the resubmitted proposal will be evaluated as a new project and a new set of objectives should be presented.
6. Maximum proposal length is four pages or less. No exceptions.
7. 1" margins all around and 12pt Times New Roman font. (Charts can be smaller if necessary and margins can vary in order for them to fit on the page.)
8. Number pages.
9. All information on the attached application must be included.

**Washington Turfgrass Seed Commission**

**Research Proposal for 2022**

**New Project Proposal** (Yes/No): **Proposed Duration** (1, 2, or 3 years):

**Project Title:**

**PI:** **Co-PI:**

**Organization:**  **Organization:**

**Title:** **Title:**

**Phone:** **Phone:**

**Email:** **Email:**

**Address:** **Address:**

**Address 2:** **Address 2:**

**City/State/Zip:** **City/State/Zip:**

**Cooperators:**

**Year Initiated**: **Terminating Year**:

**Total Project Request: Year 1 $ Year 2 $ Year 3 $**

**Other Funding Sources:** *(If no other funding sources are anticipated, type in “None”.)*

**Agency Name:**

**Amount Requested/Awarded:** *(Circle either amount requested or awarded)*

**Notes:**

**Description:** (*Less than 200 words, describing objectives and specific outcomes)*

**Justification and Background:** (*400 words maximum)*

* Provide a statement that clearly defines the issue you plan to address
* Why you plan to address it
* State how this project relates to other projects in the Pacific Northwest and the Midwest

**Methodology:** (*400 words maximum)*

* Anticipated length of project
* What will be done and when

**Anticipated Benefits and Information Transfer:** (*100 words maximum)*

* What specific benefits will result from this project for producers and/or the turfgrass seed industry? Be clear and direct.
* How will results be transferred to users?

**References:**

**Budget:** *(Indirect or overhead costs are not allowed unless specifically authorized by the Board)*

|  |  |  |  |
| --- | --- | --- | --- |
| **Budget Item** | **2022** | **2023** | **2024** |
| Salaries1 | *$* | *$* | *$* |
| Time-Slip | *$* | *$* | *$* |
| Operations (goods & services) | *$* | *$* | *$* |
| Travel2 | *$* | *$* | *$* |
| Meetings | *$* | *$* | *$* |
| Other | *$* | *$* | *$* |
| Equipment3 | *$* | *$* | *$* |
| Benefits4 | *$* | *$* | *$* |
| **Total** | ***$*** | ***$*** | ***$*** |

**Budget Justification:**

1Specify type of position and FTE

2Provide brief justification for travel requested. All travel must directly benefit project. Travel for professional development should come from other sources. If you request travel to meetings, state how it benefits project.

3Justify equipment funding requests. Indicate what you plan to buy, how the equipment will be used, and how the purchase will benefit the growers. Include attempt to work cooperatively with others on equipment use and purchase.

4Included here are tuition, medical aid, and health insurance for Graduate Research Assistants, as well as regular benefits for salaries and time-slip employees.

**Washington Turfgrass Seed Commission**

**Progress Report Format for 2021 Projects**

**Project No.:**

**Title:**

**Personnel:**

**Reporting Period:**

* Report for past year except for termination year (i.e. at the end of the 3 year project period), when a complete project summary/termination is requested.

**Accomplishments:**

* What are the main accomplishments of the project and their significance in terms of the problem solved or enhancements to the industry?
* What has been contributed to science and/or the industry?

**Results:**

* Provide a brief summary of the results.

**Publications:**

* List publications, technical reports, popular articles, or other outputs have resulted from the project?

**\*\*Note:** Limit annual Progress Report to one page and Termination Report to two pages, except for publications.

**Washington Turfgrass Seed Commission**

**Progress Report Format for 2021 Projects**

|  |
| --- |
| Instructions:1. Record information for active and pending projects.
2. All current research to which principal investigator(s) and other senior personnel have committed a portion of their time must be listed whether or not salary for the person(s) involved is included in the budgets of the various projects.
3. Provide analogous information for all proposed research which is being considered by, or which will be submitted in the near future to, other possible sponsors.
 |
| **Name (List PI#1 first)** | **Supporting Agency and Project #** | **Total $ Amount** | **Effective and Expiration Dates** | **% of Time Committed** | **Title of Project** |
|  | Current: |  |  |  |  |
|  | Pending: |  |  |  |  |