Washington Grain Commission

**Request for Proposals for Projects Beginning July 1, 2017**

### Note: Proposals are due by end of day Monday, January 9th, 2017

The Washington Grain Commission (WGC) funds research relating to wheat and barley breeding, genetics, variety testing, end-use quality, nutrition, plant diseases, weed management and cropping systems. **This document serves as an invitation to scientists whose pre-proposals were approved at the October 26, 2016 review, and to scientists with ongoing projects, to submit full research proposals for consideration by the Washington wheat and barley industries.** Although ongoing research projects are critical for continued advances in wheat and barley research, past funding does not guarantee future awards. Ongoing wheat and barley research projects are reviewed and considered for renewal annually, and continued funding is contingent upon deliverables benefiting Washington’s wheat and barley producers.

# General Instructions:

*Proposals not meeting these requirements may not be funded. Please read this entire document carefully before submitting a proposal.*

**Project Duration:**

All proposals including ongoing projects must include the date the project was initiated and the stage the project is at in its current funding cycle. Projects may be funded for a maximum of three years, with ongoing projects eligible for renewal after the initial three-year period. Initiation and stage dates for each project serve as benchmarks for progress within a defined time period. All proposals including ongoing projects should list dates as follows:

* Date initiated: July 1, 201\_\_
* This is year \_\_\_ of \_\_\_ (maximum of 3 year funding cycle)

***A complete proposal must be submitted for each project every year. Continued funding of ongoing projects will be based on the accomplishments described in the progress report.***

## Proposal Format:

Proposals must follow the format shown below:

Length: Five (5) pages or less of narrative, not including figures or tables (*please keep tables and figures to a minimum*).

Font: Times New Roman, size 12

Margins: 1” margins on all sides

Software: ***Submit in Adobe PDF format only***. Your proposal will be included in the review book exactly as submitted by you. See instructions later in this document for guidance on what files to submit and how to name them.

Exclusions: **Do NOT include any type of header/footer or page numbers**

Submission: Electronically to [mary@wagrains.](mailto:mary@wagrains.)org and [arcgrants@wsu.edu](mailto:arcgrants@wsu.edu) by end of day Monday, January 9th, 2017 – *no exceptions*.

Please adhere to the following when preparing your proposal:

1. The budget must be approved in advance by the appropriate individual in your business center with budget approval authority, or by the CAHNRS grants team.
2. Use the attached Excel template to provide a timeline and summary of expected deliverables from the proposed research. **Progress will be measured against the stated deliverables.** Be specific. Explain new technology created, discoveries made, what was learned and how and when information will be delivered to growers and the industry*. Answer the following question: “What measureable impact will your project have in the next 3 years?”* One deliverable must be to prepare an article annually for Wheat Life on your research.
3. Include a page with signatures from all scientists who have a demonstrable role in the project indicating that they approve the project and inclusion of their name on the proposal.
4. Include a “Current and Pending Support” table (see example in the section on proposal format). This table or form should list all research funding support, regardless of the topic area of research. If there is no other support, please prepare the form and indicate “none.” Identify any other current/pending research funding that supports this project. This is not part of the five-page proposal limitation. Submit this as a separate PDF file.

## Review Process

All research proposals are presented to attending growers and industry members by each principal investigator at the annual Wheat and Barley Research Review to be held February 13-14, 2017 in Pullman. Growers attending the review are asked to rank the proposals, and the grower rankings and collective wheat-producing counties’ proposal rankings are discussed at the wheat industry’s Review of the Review held in March and coordinated by the Washington Association of Wheat Growers. A final, overall ranking for each project is calculated at the Review of the Review, and the rankings are then sent to the WGC Commissioners who make final funding decisions.

## Progress Reports

Progress reports will be solicited under a separate call.

**External Peer Review**

All proposals submitted to the WGC may be subject to a single-blind external peer review process. Peer review comments are used in the final evaluation of proposals and in making decisions regarding funding.

**Washington Grain Commission**

#### FY 2018 Wheat and Barley Research Proposal Template

(Begin 5 page limit)

## Project #

**Title:**

**Researcher(s):**

**Cooperators:** *List only those scientists/cooperators who actively participate and who are willing partners in the proposed research. You will be asked to validate the claim that the scientists listed here have agreed to participate in the research.*

**Year Initiated: Date initiated: July 1, 201\_\_**

**This is year \_\_\_ of \_\_\_ (maximum 3 years) of the funding cycle.**

Date initiated refers to the date the research began within the current three-year cycle. Year \_\_ of \_\_ refers to the location of the current project in the 3-year funding cycle.

**Justification** Why is this project important?

A. Problem: Describe the problem to be corrected or addressed, including the following, when applicable:

* Location of the problem and/or number of acres affected
* Market classes affected
* Environmental impact (soil erosion, water quality, etc.)
* Describe other work conducted on this same issue in the PNW and the U.S.
* Preliminary data indicating your research solution is feasible
* Reason for addressing the problem now

B. Impact: Describe economic impact of the problem and/or opportunity created by the research, including the method of calculation. Describe other short or long-term impacts of the problem and this solution.

C. Goal: Briefly state your research goal.

**Process** How will you solve the problem?

A. Objectives: List specific objectives of the proposed research.

B. Procedures: Describe how each objective will be accomplished and your method of evaluation. What do you hope to accomplish with each objective?

Using the template provided, develop a schedule for accomplishment of each objective and deliverable from the program (described below), whether it is information, disease resistance or a new variety. If the target date for deliverables will not be met, then the WGC should be updated as to why it will not be met in periodic and annual progress reports.

C. Cooperation and Coordination:

This requirement refers to cooperation and coordination with other scientists, projects and the overall grain research program. Collegial, supportive cooperation and teamwork with other WSU, USDA-ARS and/or private wheat research scientists is mandatory to improve and ensure successful research application. Collaboration with fellow scientists is highly encouraged, along with joint presentations or co-authored popular press articles about wheat research results. Please reference the specific research or portion thereof that involves cooperation and coordination.

*Please identify the* ***actual research cooperators*** *in this section rather than listing participating disciplines. As stated above, you will be asked to validate the claim that the scientists listed here have agreed to collaborate on the research by including a signature page attachment.*

D. Review: Venues for progress reviews (e.g., field days, plot tours, Washington Grain Commission Research Review).

E. Location(s): List the proposed location(s) of the research.

**Budget** *Please complete the following table*

1. Amount allocated by the Commission in fiscal year (FY) 2017: $\_\_\_\_\_\_\_\_\_

2. Amount requested for FY 2018 (July 1, 2017-June 30, 2018), 2018 and 2019:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Category | FY 20181 | FY 20191 | FY 20201 | Total |
| Salaries2 |  |  |  |  |
| Wages |  |  |  |  |
| Employee Benefits |  |  |  |  |
| Goods and Services2 |  |  |  |  |
| Travel2 |  |  |  |  |
| Equipment2 |  |  |  |  |
| Total |  |  |  |  |

1Complete only the columns necessary for the project’s 3-year budget cycle. Example: if your project received its first year of funding in FY 2017 then only complete columns for FY 2018 and 2019 to complete the 3-year funding cycle.

2Briefly explain these items in a budget narrative.

(End 5 page limit)

**Addenda**

1. **Outputs/outcomes:** “What measureable impact will your project have in the next 3 years?”

Use the Excel template provided to describe the following

A. Deliverables: For each objective, what is the deliverable? Deliverables are mandatory for every project and may include, among others, tangible, timely information; data that aids or facilitates a new crop protection product registration; disease resistance genetics; or a new wheat variety suitable for production in Washington with acceptable end-use quality, yield and disease resistance characteristics. **Identify when deliverables will be available.**

B. Progress: 1. Reference each objective

2. In terms of the research timeline, where are you currently? If there have been delays or problems with progress, please keep the WGC informed through the current proposal, annual progress report and quarterly reports. Delays or failures are an expected part of research; however, the WGC would like to know when they occur.

3. What deliverables have been produced?

C. Timeline: State when the deliverable will be or was achieved.

D. Communication: State the method of communicating results to growers. (A listing of presentations, articles and field day/tour participation should be included in the project annual report).

1. **Signature page of collaborators.**
2. **Current and Pending Support (Separate PDF file with name: lastname\_CPS.pdf)**

List current and pending support in a table using the format provided. (USDA forms, which provide similar information, are acceptable.)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Name  (List PI first) | Supporting Agency  (list current and pending) | Total $ Amount | Effective & Expiration Dates | % of Time Committed | Title of Project |

If WGC support will be used as matching funds for any research project, it should be stated under current and pending support. Please take care to provide the WGC with an honest assessment of percent time committed, to ensure it accurately reflects the actual time allocated to each project.

**Submit the 5-page proposal body and outputs/outcomes and progress identified below, in that order, as one PDF file with name: lastname\_WGCProposal.pdf**