

SECTION 1:

**COORDINATED PROJECT
PRE-PROPOSALS**

INTRODUCTION

Does my proposed research belong in a Coordinated Project (CP)?

Yes, if the primary focus of your proposed research involves the following:

Commodity-Based Coordinated Projects: (includes proposed research in all research areas that focus' on one of these commodities)	Barley (BAR)
	Hard Winter Wheat (HWW)
Uniform Nursery Coordinated Projects: (all VDHR proposed research not submitted to one of the Commodity-Based CPs must be submitted to one of the Uniform Nursery CPs)	Spring Wheat (includes Durum) - States included in this CP: MN, ND, SD, MT
	Northern Winter Wheat - - States included in this CP: NY, MI, OH, IN, IL, MO, KY
	Southern Soft Red Winter Wheat- -States included in this CP: NC, MD, VA, AR, GA, LA

Multi-year Pre-Proposals

The Initiative is moving towards multi-year pre-proposals. We will begin this year with the Coordinated Projects. Therefore, your 'Proposed Research Project' (Plan of Work, Budget Justification, and Budget) should be based on two years.

Overview of Submission Process for Coordinated Project Pre-Proposals:

Whether you are submitting proposed research to the Barley, Hard Winter Wheat or one of the VDHR - Regional Uniform Nurseries, below are the main components (in order of completion) of the submission process:

- 1. Pre-Submission:** PIs submit a **Letter of Intent (LOI)** to the Coordinated Project committee contact (see Table 1, page 6), with a copy of the LOI sent to the NFO. **Deadline:** August 1st.
- 2.** PIs submit '**Proposed Research Project**' to the Coordinated Project committee contact – deadline to be set by individual Coordinated Project committee after LOIs are received. **NOTE:** Although all Proposed Research Projects will be forwarded to the NFO for processing and review, there is no guarantee that all submitted Proposed Research Projects will be included in the final Coordinated Project Pre-Proposal.
- 3.** Coordinated Project committee assembles accepted Proposed Research Projects into a final **Coordinated Project Pre-Proposal** and submits to NFO. **Deadline:** October 2nd.

1. PRE-SUBMISSION - LETTER OF INTENT (LOI)

If you plan to participate in one of the Coordinated Projects (Barley, Hard Winter Wheat or VDHR – Regional Uniform Nurseries), you must submit a Letter of Intent to the CP contact (see Table 1) of the appropriate Coordinated Project committee by **August 1st**. The LOI, which may be in the form of an e-mail, must include the following:

Names of PI and co-PI's, a proposed title, and a synopsis that describes the following:

- *Reasons proposed component is needed;*
- *Goals in the USWBSI's action plan addressed by this proposed research;*
- *Research needs in the USWBSI's action plan addressed by this research*
- *Statement that demonstrates that the PI/co-PI's are capable of carrying out the proposed research based on past research productivity and expertise in the relevant field(s) of research*

A sample LOI for the VDHR area might look like this:

I plan to submit a pre-proposal to the VDHR northern SW committee. My pre-proposal will include the following components:

- *breeding FHB-resistant SRW wheats (Action Plan VDHR goals 1-3).*
- *joint phenotyping of a mapping population (set of RILs from the program of "insert name here") (Action Plan VDHR goal 4)*

Further, I plan to grow the NUS and PNU S scab nurseries along with breeding lines, varieties and segregating populations at two field locations (1 irrigated, 1 not) but not in the greenhouse. Approximately 2000 – 3000 samples from the nurseries will be screened for DON. I can make up to 10 crosses to generate prebreeding populations.

This research is needed because breeding FHB resistance is a major strategy for reducing the impact of FHB on the wheat and barley crops. The proposed research addresses the following research needs in the Action Plan: maintain existing field capacity for misted nurseries, increase MAS, and distribute new sources of resistance via prebreeding populations.

I managed the SRW wheat breeding program in my state for the past 10 years. This program has released the varieties X, Y, and Z in that period of time. We have made significant progress toward enhancing FHB resistance as is evident by the performance of our lines in our regional nursery. Breeding lines X, Y, and Z ranked 1, 3, 6, respectively and all had DON levels at 50% the level of the check variety Scabby. I have collected FHB phenotype data in inoculated misted nurseries on the mapping population DDD x EEE (Don et al., 2006) as well as breeding germplasm for the past 5 years

Deadline:

Both the contact of the Coordinated Project committee and the NFO must receive Letter of Intent by August 1, 2007.

2. PROPOSED RESEARCH PROJECT

Plan of Work:

A Plan of Work must be submitted with your proposed project. This plan must describe how your work specifically fits into the overall Coordinated Project and identify any linkages to other work plans that are part of the Coordinated Project. This document should not exceed 3 pages in length (starts with 'Plan of Work' Form as page 1) and should describe in clear, concrete terms the substance of your proposed research including experimental design, materials and methods, and timeline for completing research.

Current and Pending Support:

All project pre-proposals must contain a completed Current and Pending Support Page listing other current public or private support to which key personnel identified (PI and Co-PIs only) in the pre-proposal have committed portions of their time, whether or not salary support for person(s) involved is included in the budget. Analogous information must be provided for any pending proposals that are being considered by, or that will be submitted in the near future to, other possible sponsors, including other USDA Programs or agencies, and the USWBSI. Concurrent submission of identical or similar proposals to the other possible sponsors will not prejudice pre-proposal review or evaluation by the USWBSI for this purpose. However, a project pre-proposal that duplicates or overlaps substantially with a **proposal already reviewed and funded (or to be funded)** by another organization or agency will not be recommended under this program. The third column ('Requested/Award Amount') on the 'Current and Pending Support Page' has been divided into two sub-columns: Total \$ Amount and PI \$ Allocation. For each grant/proposal listed, **include both the total ('Total \$ Amount') and the amount you have or may receive ('PI \$ Allocation')**.

Curriculum Vitae and Publication List (Maximum four pages per Scientist):

If the proposed research is a new project (i.e. has not been funded through the USWBSI for the past two funding cycles), currently funded project but transferred to new PI, or if new personnel (i.e. co-PI, post-doc, graduate student, etc.) has been added to an ongoing project, a Curriculum Vitae and Publication List for each applicable individual must be included with the pre-proposal. These items will assist the peer reviewers in assessing the competence and experience of the proposed project staff.

- *Curriculum Vitae (C.V.)*. The C.V. should be limited to a presentation of academic and research credentials, e.g., educational, employment and professional history, and honors and awards. Unless pertinent to the project, do not include meetings attended, seminars given, or personal data such as birth date, marital status, or community activities.
- *Publication List*. A chronological list of all publications in refereed journals during the past five years, including those in press, should be provided for each professional project member for whom a curriculum vitae is provided. Non-refereed technical publications that have relevance to the proposed project may be included.

The C.V. and Publication List combined must not exceed four pages per scientist. C.V. and Publication Lists for collaborators or sub-contractors are not required.

Budget Justification and Budget (Year 1 and 2):

Please complete the new ‘**Proposed Research Project Budget Justification Form**’ by following the instructions on the form, and also the ‘**Proposed Research Project Budget Page.**’ As the stated previously, the Initiative plans to initiate multiple-year projects starting with the Coordinated Projects, therefore your proposed research project should include a ‘Year 1’ and ‘Year 2’ budget request.

USDA-ARS does not set a limit on the amount of indirect costs that can be allowed. However, the USWBSI’s review process will focus on the **competitiveness of total** project costs (direct and indirect). Because Fusarium head blight is such a severe problem for the U.S. wheat and barley industries, the USWBSI encourages institutions to limit indirect costs to 5%. Excessive indirect cost rates may prejudice the Steering Committee’s final funding recommendations to USDA-ARS.

Tuition remission is **permitted** under USDA-ARS **extramural agreements** with any type of recipient organization (i.e. universities). If tuition remission is budgeted as a direct cost, it should be included in the "Other Direct Costs" category of the Budget Page (Section H).

Deadline:

The individual coordinating committees will set this deadline following receipt of LOIs, and inform the cooperating scientists of the deadline no later than mid-August.

Mailing Information for CP Contacts:

Commodity-based Coordinated Projects		
Barley Kevin Smith Dept. of Agronomy and Plant Genetics 411 Borlaug Hall, 1991 Upper Buford Circle University of Minnesota St. Paul, MN 55108	Hard Winter Wheat Stephen Baenziger Dept. of Agronomy & Horticulture 330 Keim Hall University of Nebraska Lincoln, NE 68583-0915	
VDHR – Regional Uniform Nurseries		
Spring Wheat Parents Dave Garvin USDA-ARS Room 411 Borlaug Hall, 1991 Upper Buford Circle University of Minnesota St. Paul, MN 55108	Northern Winter Wheat Clay Sneller Dept. of Hort. and Crop Science 1680 Madison Ave. Ohio State University/OARDC Wooster, OH 44691	Southern Soft Red Winter Wheat Paul Murphy Department of Crop Science Box 7629 840 Method Road, Unit 3, North Carolina State University Raleigh, NC 27695

3. COORDINATED PROJECT PRE-PROPOSALS

(This section will be completed by the Coordinated Project Committee.)

Application for Funding Cover Page:

The pre-proposal must contain a completed Application for Funding Cover Page, which will be the first page of the application. In completing this form, please note the following:

- *Title of Coordinated Project Pre-Proposal (Block 6).* The title of the project pre-proposal must be brief (**80-character maximum**), yet represent the major thrust of the project. Because this title will be used to provide information to those who may not be familiar with the proposed project, highly technical words or phraseology should be avoided where possible. In addition, phrases such as “investigation of” or “research on” should not be used.
- *Coordinated Project Committee Leader and Members (Block 10).* List the name of the leader of the Coordinated Project Committee in this block. All other members of the Coordinated Project Committee should also be listed in this block (‘b’ through ‘e’).
- *Coordinated Project Designation (Block 15).* In Block 15, designate one Coordinated Project by marking an 'X' to the right of the selected Coordinated Project. You should also designate one of the sub-categories under the selected Coordinated Project.
- *Signatures.* Coordinated Project Committee Leader (i.e. ‘Contact’) should sign and date the Coordinated Project Pre-proposal Application for Funding Cover Page in the place indicated at the bottom of the page. Signatures for Coordinated Project Committee members should sign next to their name in Block 10. Signatures for Coordinated Project Committee members may initially be represented by faxed copies of the cover page, but PI’s should arrange for the Networking & Facilitation Office (NFO) to receive a cover page with ink signatures of all investigators as soon as possible.

List of Collaborators:

The Coordinated Project pre-proposal must contain a completed ‘List of Collaborators’ Form, which will be the second page of the Coordinated Project pre-proposal. The names and institutions of all of the cooperating scientists should be listed on this form, along with the names of the CP committee members, the title of the Coordinated Project Pre-proposal, and ‘Key Words’.

Outline of Coordinated Project:

Insert an overall description of the Coordinated Project that describes the objectives and outlines the manner in which all of the research activities are integrated.

Project Description:

Following the ‘Outline of Coordinated Project, insert all Proposed Research Projects (includes Plan of Work followed by Current and Pending Support Page, Curriculum Vitae and Publication List (if applicable), Budget Justification Form, and Single Proposed Research Project Budget Page) submitted by the cooperating scientists. Please order alphabetically by last name.

Combined Budget Page:

Please complete the combined ‘**Coordinated Project Pre-Proposal Budget Page.**’ This budget page should combine the budget requests from all the cooperating scientists. The ‘contact’ for the Coordinated Project committee should sign the budget page. **Depending on your institution’s requirements, the authorized organizational representative’s signature may not be required at this stage (not required for PIs affiliated with USDA-ARS).**

Pre-Submission

- Letter of Intent

**Submission Deadline (received by ‘Contact’
for CP committee and NFO):**

August 1, 2007, 5:00 PM (EDT)

Check-list of Required Items for Proposed Research Projects Submitted to Coordinated Project Committee

- Plan of Work (should not exceed three pages; starts with ‘Plan of Work’ Form as page 1)
- Current and Pending Support Page
- Curriculum Vitae and Publication List (See page 13 for applicability)
- Proposed Research Project Budget Justification Form (complete all relevant sections)
- Proposed Research Project Budget Page (sign and date)

Submission Deadline: To be set by CP Committee following the receipt of all of Letters of Intent.

Check-list and Order of Required Items for Final Coordinated Project Pre-Proposal

(To be completed by CP Committee)

- Check-list of Required Items for Coordinated Project Pre-Proposal (completed and signed by CP Leader (i.e. ‘Contact’))
- Application for Funding Cover Page– Signatures from all members of CP committee required (*See page 3 for guidelines on faxed signatures.*)
- List of Collaborators Form (list all Collaborators included in CP Pre-Proposal)
- Outline of Coordinated Project
- Project Description (includes all components of ‘Proposed Research Projects’ received from each collaborator, alphabetical order by last name)
- Combined Coordinated Project Pre-Proposal Budget Page – **CP leader’s signature is required** (*NOTE: this budget form should combine budget requests from all collaborators.*)

Submission Deadline (received by NFO):

October 16, 2007, 5:00 PM (EDT)