

EXECUTIVE SUMMARY

FY12 Request for Pre-Proposals (RFP) - Quick Start

Read this First!

What is new for FY12?

- **Two year pre-proposals** - All proposed research projects being submitted to a coordinated project or individual research area pre-proposals should be submitted as two year requests.
- **The USWBSI is soliciting proposed research for the following:**

- **Coordinated Projects (CP):**

- Barley (BAR-CP);
- Durum (DUR-CP); and
- Hard Winter Wheat (HWW-CP)
- VDHR Regional Nurseries:
 - Spring Wheat (VDHR-SPR);
 - Northern Soft Winter Wheat (VDHR-NWW); and
 - Southern Soft Winter Wheat (VDHR-SWW)

For more information, please turn to page 16.

- **FHB Management (MGMT) Coordinated Projects:**

- 1) Integrated Management Studies (IM) Coordinated Project
- 2) Uniform Fungicide and Biological Control Trials (UT) Coordinated Project

For more information, please turn to page 23.

- **MGMT, FSTU, GDER and PBG Individual Pre-Proposals:** The procedure is largely unchanged from FY11 with the exception that pre-proposals should be submitted as two year requests. For more information, please turn to page 29.

Finally, research priorities and action plan goals may have changed. For more information, please turn to page 8 or view the action plan at http://scabusa.org/pdfs/uswbsi_action-plan_web.pdf.

What is included in this document? This document contains only the instructions for submitting pre-proposals for FY12. All RFP forms must be downloaded from the RFP website at: http://scabusa.org/research_rfp12.html#fy12_rfp

Categories of Pre-Proposals for FY12:

There are three distinct categories of FY12 Pre-Proposals: **1) Proposed Research Projects** submitted to one of the Coordinated Projects (CP) listed above ; **2) Proposed Research Projects** submitted to one of the FHB Management (MGMT) Coordinated Projects (CP) listed above under MGMT; and **3) Individual Pre-Proposals** submitted to one of the following research areas: FHB Management (MGMT), Food Safety, Toxicology and Utilization of Mycotoxin-contaminated Grain (FSTU), Gene Discovery and Engineering Resistance (GDER), and Pathogen Biology and Genetics (PBG). For more information on these three categories, see page 3.

IMPORTANT DEADLINES FOR ALL CATEGORIES

Description of Item:	Deadline:
Pre-Registration for Electronic Pre-Proposal Submission (EPS) System Opens	June 1, 2011
EPS System Opens	July 15, 2011
Pre-Registration for EPS System Closes	August 31, 2011
Submission of FY12 Individual RA Pre-Proposal(s) and Supporting Documents (All Categories)	September 20, 2011

To see additional 'Category' specific deadlines, turn to page 7.

PREFACE

The FY12 Request for Pre-Proposals is based on the USWBSI's Action Plan which will lead to greater collaboration and communication, and more rapid attainment of the Initiative's primary goal: **“To develop as quickly as possible effective control measures that minimize the threat of Fusarium head blight (scab), including the reduction of mycotoxins, to the producers, processors, and consumers of wheat and barley.”** To read the complete action plans for all research areas go to http://www.scabusa.org/pdfs/uswbsi_action-plan_web.pdf.

FY12 Research Categories (RC)

Below are the Research Categories for which FY12 pre-proposals will be accepted:

1. Commodity- and VDHR-based Coordinated Projects:

- ❖ Barley Coordinated Project (BAR-CP)
- ❖ Durum Coordinated Project (DUR-CP)
- ❖ Hard Winter Wheat Coordinated Project (HWW-CP)
- ❖ Variety Development and Host Resistance – Spring Wheat Region (VDHR-SPR)
- ❖ Variety Development and Host Resistance - Northern Soft Winter Wheat Region (VDHR-NWW)
- ❖ Variety Development and Host Resistance - Southern Soft Red Winter Wheat Region (VDHR-SWW)

2. FHB Management Coordinated Projects:

- ❖ Integrated Management Studies (IM)
- ❖ Uniform Fungicide/Biocontrol Trials (UT)

3. Research Areas (RA) Individual Pre-Proposals:

- ❖ FHB Management (MGMT)
- ❖ Food Safety, Toxicology and Utilization of Mycotoxin-contaminated Grain (FSTU)
- ❖ Gene Discovery and Engineering Resistance (GDER).
- ❖ Pathogen Biology & Genetics (PBG).

Program descriptions and research priorities for the research categories listed above are included in this document (Page 8), and may also be accessed at http://www.scabusa.org/research_rfp12. Proposed research should be based on the FY12-13 research priorities which are derived from the goals of the Action Plan.

Requests for Funding

The USWBSI has changed the annual research plan and budget process for FY12, including major changes to the Request for Pre-Proposal (RFP) process. **There are three distinct categories of FY12 Pre-Proposals:** 1) Commodity and VDHR-based Coordinated Projects; 2) FHB Management Coordinated Projects; and 3) Individual Pre-Proposals submitted to MGMT, FSTU, GDER or PBG Research Areas. An overview of the three categories follows:

- 1) **Commodity and VDHR-based Coordinated Projects:** If the primary focus of your proposed research (all USWBSI Research Areas) is on Barley, Durum or Hard Winter Wheat, you **should** submit your proposed research to the appropriate Coordinated Project Committee (CPC). If your proposed research is in the area of Variety Development and Host Resistance, and you work within one of the Uniform Nursery Regions (see page 16 to find your regional nursery), you **must** submit your proposed research to the appropriate VDHR Uniform Nursery Coordinated Project Committee. Please follow the instructions under **Section 1 - Coordinated Projects – Proposed Research Projects** (instructions begin on page 16).
- 2) **FHB Management Coordinated Project Pre-Proposals:** If your proposed research fits into one of the FHB Management Coordinated Projects listed below, please follow the instructions and forms under Section 2 titled “**FHB Management Coordinated Project Proposed Research Projects**” (instructions begin on page 23) to submit your proposed research.
 - Integrated Management Studies (IM)
 - Uniform Fungicide/Biocontrol Trials (UT)
- 3) **Individual Research Area Pre-Proposals:** If your proposed research is in one of the research areas listed on page 2 and is not associated with a Commodity, VDHR or FHB Management Coordinated Project, please follow the instructions under Section 3 titled “**Individual Research Area Project Pre-Proposals**” (instructions begin on page 29) to submit your pre-proposal.

Enhancement of USWBSI Communication Activities: The USWBSI is interested in receiving pre-proposals that innovatively address this need. PIs should follow the instructions under **Category 3: Individual Research Area Pre-Proposals**. In Box 16 of the Application for Funding Cover Page, select option ‘None of the above’.

PIs are welcome and encouraged to interact with any of the contacts (listed on page 6) for the Coordinated Projects or Research Areas, or the Networking & Facilitation Office, to identify the appropriate area for their proposed work.

Electronic Submission of FY12 Pre-Proposals:

The Electronic Pre-Proposal Submission (EPS) System (web-based) must be used for the submission of all individual pre-proposals and supporting documents for all proposed research projects. General instructions for completing pre-proposals and supporting documents for electronic submission are included in this document.

The on-line submission process begins with the completion of the 'Pre-Registration Process'. The pre-registration period opens June 1, 2011 and must be completed no later than August 31, 2011. Information submitted during this process will be used to setup accounts for PIs and co-PIs. The Electronic Pre-Proposal Submission (EPS) System will open July 15. Information needed for accessing the EPS System will be distributed to PIs within 48 business hours after completing the 'Pre-Registration Process'.

The USWBSI does not require signatures by the Authorized Organizational Representatives (AORs) on pre-proposals/proposed research projects, so AORs will not require access to the EPS system. If PI's institution requires approval from the Authorized Organizational Representative (i.e. Grants or Sponsored Programs Office) on 'pre-proposals', included in the RFP is a special form that can be used at the institutional level for obtaining approval by the PI's sponsored programs office. The form can be downloaded from the FY12 RFP website at http://scabusa.org/research_rfp12#fy12_rfp.

INTRODUCTION

After carefully reading the 'PREFACE' and 'FY12-13 Research Category Program Descriptions and Research Priorities', you are ready to create your proposed research requests. Below are a few helpful hints to guide you through this process:

1. First, determine the appropriate Category for your proposed research: 1) Coordinated Project; 2) MGMT Coordinated Project; or 3) Individual Research Area Project Pre-Proposal. You may contact any individual listed in Table 1 (page 6) to help determine the most appropriate category for your proposed research.
2. If Category 1 or 2 was selected in step 1, determine the Coordinated Project that best fits your proposed research.
3. If Category 3 was selected, determine the appropriate Research Area for your proposed research.
4. Finally, follow the instructions in the corresponding section to complete your proposal.

NOTE: Proposals that do not fit into one of the coordinated projects or research areas (listed on page 3) for which proposals are being accepted for FY12 are also welcome. Follow the instructions under Section 3 to complete and submit your pre-proposal.

PRE-PROPOSAL PREPARATION:

It is important that all pre-proposals conform to the instructions provided in the FY12 Request for Project Pre-Proposal Application. The USWBSI's Networking & Facilitation Office may return, without review, any pre-proposals that are not consistent with these instructions. The NFO must authorize any deviations from these instructions in advance of pre-proposal submission. Deviations must be authorized by written approval from the NFO Director (dvs@uky.edu) or Manager (scabusa@scabusa.org).

COLLABORATIVE PROJECTS:

In addition to the Coordinated Projects, other collaborative projects within or across research areas are encouraged. PIs who intend to submit pre-proposals with similar objectives, methods, treatments, etc. should coordinate their efforts to produce a single, unified pre-proposal rather than similar, separate pre-proposals. If you are part of a collaborative project, and your proposed project is approved for funding, the funding will come in the form of a direct agreement between USDA-ARS and your institution.

REVIEW AND FUNDING RECOMMENDATION PROCESS:

Please note that proposed research projects and pre-proposals will be **regarded as confidential** documents. Distribution will be limited only to parties involved with the review process. All pre-proposals received by the assigned deadline will be sent for review to one of the designated review panels. The Executive Committee will then review the panels' recommendations and if necessary, modify the awards to conform to the FY12 Congressional budget and the overall objectives of the Initiative. The final step is approval of the EC's recommended research plan and budget by the Steering Committee in early December. **All PIs whose pre-proposals or proposed research project(s) are recommended for funding by the Initiative will be asked to compile and formalize their proposed research into 'Grant Applications' for inclusion in the Initiative's recommended research plan** (approximately mid-January). The recommended comprehensive plan will be sent to USDA-ARS in the early months of 2012. More detailed information on the review process for each pre-proposal category is available on the RFP website - http://www.scabusa.org/research_rfp12.

REVISIONS TO PRE-PROPOSALS MADE DURING THE REVIEW PROCESS:

In the event of a significant development (e.g., research findings, changed circumstances, unavailability of PI, etc.) that might materially affect the outcome of the review of a pending pre-proposal, the PI must contact the Director of the NFO to discuss the issue. Depending on the outcome of that discussion, the PI may be allowed to submit a one-page update to the NFO. The NFO will provide a form and deadline for the update. Submitting additional information must not be used as a means of circumventing page limitations or stated deadlines.

NEED HELP?

If you have any questions regarding this application or the pre-proposal process, please contact the U.S. Wheat and Barley Scab Initiative's Networking and Facilitation Office (NFO) by phone at (517) 355-0271 ext. 1183 or by e-mail at scabusa@scabusa.org.

To facilitate pre-proposal preparation, a Frequently Asked Questions (FAQs) document pertaining to preparation and submission of pre-proposals has been developed and is available electronically on the USWBSI's Website at:

http://scabusa.org/pdfs/rfp_faq.pdf

The FAQ document will be updated regularly as questions and requests for clarification are submitted to the Networking & Facilitation Office (NFO).

Table 1. Contacts for Research Areas, Coordinated Projects and the Networking & Facilitation Office (NFO).

RESEARCH AREAS (RA)	CONTACT	EMAIL ADDRESS
FHB Management (MGMT)	Christina Cowger, USDA-ARS, NC	Christina.Cowger@ars.usda.gov
Food Safety, Toxicology and Utilization of Mycotoxin-contaminated Grain (FSTU)	Paul Schwarz, North Dakota State Univ.	Paul.Schwarz@ndsu.edu
Gene Discovery and Engineering Resistance (GDER)	Steve Scofield, USDA-ARS, IN	scofield@purdue.edu
Pathogen Biology and Genetics (PBG)	Frances Trail, Michigan State Univ.	trail@msu.edu
COORDINATED PROJECTS (CP)		
COORDINATED PROJECTS (CP)	CONTACT	EMAIL ADDRESS
MGMT-CP Integrated Management Studies (IM)	Pierce Paul, Ohio State Univ.	paul.661@osu.edu
MGMT-CP Uniform Fungicides/Biocontrol Trials (UT)	Scott Halley, North Dakota State Univ.	scott.halley@ndsu.edu
Barley (BAR)	Kevin Smith, Univ. of Minnesota	smith376@umn.edu
Durum (DUR)	Xiwen Cai, North Dakota State Univ.	xiwen.cai@ndsu.edu
Hard Winter Wheat (HWW)	Bill Berzonsky, South Dakota State Univ.	William.Berzonsky@sdstate.edu
VDHR ¹ Uniform Nursery- Spring Wheat (VDHR-SPR)	Karl Glover, South Dakota State Univ.	Karl.Glover@sdstate.edu
VDHR Uniform Nursery – Northern Soft Winter Wheat (VDHR-NWW)	Clay Sneller, Ohio State Univ.	sneller.5@osu.edu
VDHR Uniform Nursery – Southern Soft Red Winter Wheat (VDHR-SWW)	Jose Costa, Univ. of Maryland	costaj@umd.edu
NETWORKING & FACILITATION OFFICE (NFO)		
NETWORKING & FACILITATION OFFICE (NFO)	CONTACT	PHONE NUMBER/E-MAIL
General Questions regarding the RFP Process	Dave Van Sanford, Director	859-338-2409 dvs@email.uky.edu
	Sue Canty, Manager	517-290-5023 scabusa@scabusa.org

¹VDHR – Variety Development and Host Resistance

IMPORTANT RFP DATES AND DEADLINES FOR FY12 PRE-PROPOSALS

IMPORTANT DATES AND DEADLINES (order by Category and then date)

<u>RFP Category</u>	<u>Description of Item:</u>	<u>Deadline:</u>
Category 1: Commodity and VDHR-based Coordinated Projects	Pre-Registration for EPS System Opens (Proposed-Research and User Registration Forms)	June 1, 2011
	Letter of Intent (LOI) sent to CP Chair and NFO (electronic version acceptable)	July 1, 2011
	EPS System Opens	July 18, 2011
	CP Chairs notify all PIs who submitted Letters of Intent to their CP whether their proposed research has been accepted into the CP's FY12 Pre-Proposal.	August 1, 2011
	Pre-Registration for EPS System Ends (Proposed-Research and User Registration Forms).	August 31, 2011
	E-version of Proposed Research Project (PRP) sent to CPC Chair and NFO.	September 2, 2011
	CV/Publication List, and Current and Pending Support Form uploaded to EPS System.	September 20, 2011
	Submission of FY12 CP Pre-Proposals by CPCs	October 5, 2011
Category 2: FHB Management Coordinated Projects	Pre-Registration for EPS System Opens (Proposed-Research and User Registration Forms)	June 1, 2011
	EPS System Opens	July 18, 2011
	Letter of Intent (LOI) sent to CP Chair and NFO (electronic version acceptable)	July 19, 2011
	CP Chairs notify all PIs who submitted Letters of Intent to their CP whether their proposed research has been accepted into the CP's FY12 Pre-Proposal.	August 12, 2011
	Pre-Registration for EPS System Ends (Proposed-Research and User Registration Forms).	August 31, 2011
	E-version of Proposed Research Project (PRP) sent to CPC Chair and NFO.	September 9, 2011
	CV/Publication List, and Current and Pending Support Form uploaded to EPS System.	September 20, 2011
	Submission of FY12 MGMT-CP Pre-Proposals by CPCs.	October 7, 2011
Category 3: Research Area Individual Pre-Proposals	Pre-Registration for EPS System Opens (Proposed-Research and User Registration Forms)	June 1, 2011
	EPS System Opens	July 18, 2011
	Pre-Registration for EPS System Ends (Proposed-Research and User Registration Forms).	August 31, 2011
	Submission of FY12 Pre-Proposal(s) and supporting documents via the EPS System.	September 20, 2011

Need Help? Please contact (see previous page) Sue Canty or Dave Van Sanford if you have questions.