

EXECUTIVE SUMMARY

FY14 Request for Pre-Proposals (RFP) - Quick Start

Read this First!

What is new for FY14?

- **The USWBSI is soliciting proposed research for the following:**

- **Commodity- and VDHR-based 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:**

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

For more information, please turn to page 23.

- **Research Area Individual Project Pre-Proposals:**

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

For more information, please turn to page 30.

- **Research priorities and action plan goals** 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.

- **Updated Budget Justification Form (All Categories):** The Budget Justification form has been expanded to provide more detailed descriptions/explanations of line items. The aim in modifying this form is to provide the review panels more specific information for reviewing the funding requests.

What is included in this document? This document contains only the instructions for submitting pre-proposals for FY14. All RFP forms must be downloaded from the RFP website at: http://scabusa.org/research_rfp14

Categories of Pre-Proposals for FY14:

There are three distinct categories of FY14 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; and 3) Research Area Individual Pre-Proposals submitted to one of the research areas listed above. 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 Begins	July 15, 2013
EPS System Opens	August 5, 2013
Pre-Registration for EPS System Closes	August 30, 2013

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

PREFACE

The FY14 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.

FY14 Research Categories (RC)

Below are the Research Categories for which FY14 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 Area (RA) Individual Project Pre-Proposals:

- ❖ FHB Management (MGMT)
- ❖ Food Safety, Toxicology and Utilization of Mycotoxin-contaminated Grain (FSTU)
- ❖ Gene Discovery and Engineering Resistance (GDER).
- ❖ Pathogen Biology and 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_rfp14. Proposed research should be based on the FY14-15 research priorities which are derived from the goals of the Action Plan.

Requests for Funding

There are three distinct categories of FY14 Pre-Proposals: 1) Commodity and VDHR-based Coordinated Projects; 2) FHB Management Coordinated Projects; and 3) Research Area Individual Pre-Proposals. An overview of the three categories follows:

- 1) **Commodity and VDHR-based Coordinated Projects (CPs):** 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 - Commodity and VDHR-based Coordinated Projects (CPs) – Proposed Research Projects** (instructions begin on page 16).
- 2) **FHB Management Coordinated Project (CPs):** 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 (CPs) – Proposed Research Projects**” (instructions begin on page 23) to submit your proposed research.
 - Integrated Management Studies (IM)
 - Uniform Fungicide/Biocontrol Trials (UT)
- 3) **Research Area Individual Project 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 “**Research Area Individual Project Pre-Proposals**” (instructions begin on page 30) 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 FY14 Pre-Proposals:

The Electronic Pre-Proposal Submission (EPS) System (web-based) must be used for the submission of all Research Area Individual Pre-Proposals (Category 3) as well as supporting documents for all categories. 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 July 15, 2013 and must be completed no later than August 30, 2013. 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 August 5th. Information needed for

accessing the EPS System will be distributed to PIs within 48 normal 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 FY14 RFP website at http://scabusa.org/research_rfp14.

INTRODUCTION

After carefully reading the 'PREFACE' and 'FY14-15' 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) Commodity- or VDHR-based Coordinated Project; 2) MGMT Coordinated Project; or 3) Research Area Individual 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 FY14 are also welcome. Follow the instructions under Section 3 to complete and submit your pre-proposal.

CONFORMANCE WITH INSTRUCTIONS FOR PRE-PROPOSAL PREPARATION:

It is important that all pre-proposals conform to the instructions provided in the FY14 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 FY14 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- to late-January). The recommended comprehensive plan will be sent to USDA-ARS in the early months of 2014. More detailed information on the review process for each pre-proposal category is available on the RFP website - http://www.scabusa.org/research_rfp14.

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)	Erick DeWolf, Kansas State Univ.	dewolf1@ksu.edu
Food Safety, Toxicology and Utilization of Mycotoxin-contaminated Grain (FSTU)	Jim Pestka, Michigan State Univ.	pestka@msu.edu
Gene Discovery and Engineering Resistance (GDER)	Gary Muehlbauer, Univ. of Minnesota	muehl003@umn.edu
Pathogen Biology and Genetics (PBG)	David Schmale, Virginia Tech.	dschmale@vt.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)	Madeleine Smith, Univ. of Minnesota	smit7273@crk.umn.edu
Barley (BAR)	Robert Brueggeman, North Dakota State Univ.	Robert.Brueggeman@ndsu.edu
Durum (DUR)	Steven Xu, USDA-ARS, ND	Steven.Xu@ARS.USDA.GOV
Hard Winter Wheat (HWW)	Bill Berzonsky, Bayer CropScience, NE	bill.berzonsky@bayer.com
VDHR ¹ Uniform Nursery- Spring Wheat (VDHR-SPR)	Jochum Wiersma, Univ. of Minnesota	wiers002@umn.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)	Paul Murphy, North Carolina State Univ.	Paul_Murphy@ncsu.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 FY14 PRE-PROPOSALS

IMPORTANT DATES AND DEADLINES (ordered 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	Letter of Intent (LOI) sent to CP Chair and NFO (electronic version acceptable)	July 10, 2013
	Pre-Registration for EPS System Begins	July 15, 2013
	EPS System Opens	August 5, 2013
	CP Chairs notify all PIs who submitted Letters of Intent to their CP whether their proposed research has been accepted into the CP's FY14 Pre-Proposal.	August 9, 2013
	Pre-Registration for EPS System Closes	August 30, 2013
	<ul style="list-style-type: none"> • E-version of Proposed Research Project (PRP) sent to CPC Chair and NFO. • CV/Publication List, and Current and Pending Support Form uploaded to EPS System. 	September 10, 2013
	Submission of FY14 CP Pre-Proposals by CPCs	October 11, 2013
Category 2: FHB Management Coordinated Projects	Letter of Intent (LOI) sent to CP Chair and NFO (electronic version acceptable)	July 10, 2013
	Pre-Registration for EPS System Begins	July 15, 2013
	EPS System Opens	August 5, 2013
	CP Chairs notify all PIs who submitted Letters of Intent to their CP whether their proposed research has been accepted into the CP's FY14 Pre-Proposal.	August 9, 2013
	Pre-Registration for EPS System Closes	August 30, 2013
	<ul style="list-style-type: none"> • E-version of Proposed Research Project (PRP) sent to CPC Chair and NFO. • CV/Publication List, and Current and Pending Support Form uploaded to EPS System. 	September 10, 2013
	Submission of FY14 MGMT-CP Pre-Proposals by CPCs.	October 11, 2013
Category 3: Research Area Individual Pre-Proposals	Pre-Registration for EPS System Opens	July 15, 2013
	EPS System Opens	August 5, 2013
	Pre-Registration for EPS System Closes	August 30, 2013
	Submission of FY14 Pre-Proposal(s) and supporting documents via the EPS System.	September 17, 2013

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