



**U.S. Wheat & Barley  
Scab Initiative**

**FY10 Request  
for  
Pre-Proposals**

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**Note:** All Proposed Research Project forms may be viewed and downloaded from the RFP Website: [http://scabusa.org/research\\_rfp10.html#fy10\\_rfp](http://scabusa.org/research_rfp10.html#fy10_rfp).

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**Note:** All Individual Pre-Proposal forms may be viewed and downloaded from the RFP Website: [http://scabusa.org/research\\_rfp10.html#fy10\\_rfp](http://scabusa.org/research_rfp10.html#fy10_rfp).

# Quick Start/ Executive Summary

## Read this First!

### What is new for FY10?

- The USWBSI is soliciting proposed research for the following Coordinated Projects:
  - **Commodity-Based:**
    - 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)
  
- The USWBSI is not soliciting new individual pre-proposals for the following research areas in FY10 because they are in the middle of a 2 year funding cycle:
  - 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)

**What is included in this document?** This document contains only the instructions for submitting pre-proposals for FY10. All RFP forms must be downloaded from the RFP website at: [http://scabusa.org/research\\_rfp10.html#fy10\\_rfp](http://scabusa.org/research_rfp10.html#fy10_rfp)

### Categories of Pre-Proposals for FY10:

**There are two distinct categories of FY10 Pre-Proposals:** 1) Proposed Research Projects submitted to one of the Coordinated Projects (CP) listed above; and 2) Individual Pre-Proposals - Proposed research that does not fit within one of the Coordinated Projects may be submitted to the Executive Committee/Headquarters.

### IMPORTANT DEADLINES

<u>Proposal Category</u>	<u>Description of Item: Deadline:</u>	<u>Deadline</u>
<b>Category 1</b>	Letter of Intent (LOI) sent to CP Chair and NFO (electronic version acceptable)	<b>July 31</b>
<b>All Categories</b>	Pre-Registration for EPS System Ends (Proposed-Research and User Registration Forms)	<b>August 31</b>
<b>Category 1</b>	E-version of Proposed Research Project (PRP) sent to CPC Chair and NFO.	<b>September 14</b>
<b>Category 2</b>	FY10 Pre-Proposal(s) uploaded to EPS System.	<b>September 22</b>
<b>All Categories</b>	CV/Publication List, and Current and Pending Support Form uploaded to EPS System.	<b>September 22</b>
<b>Category 1</b>	Signed paper copy of PRP must be <u>received</u> by CPC Chair.	<b>October 1</b>

**Need Help?** As always, please contact (see page 6) Sue Canty or Dave Van Sanford if you have questions.

# PREFACE

The USWBSI's Action Plan has led to a restructuring of the Initiative's areas of research, as well as **significant changes** to the process for developing the annual research plan and budget. The expectation is that these changes 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”**. Go to [http://www.scabusa.org/pdfs/uswbsi\\_action-plan\\_web.pdf](http://www.scabusa.org/pdfs/uswbsi_action-plan_web.pdf) to read the complete action plans for all research areas.

## **FY10 Research Categories (RC)**

Below are the Research Categories for which FY10 pre-proposals will be accepted:

- ❖ 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 (VHDR-SPR)
  - Northern Soft Winter Wheat Region (VDHR-NWW)
  - Southern Soft Red Winter Wheat Region (VDHR-SWW)

Program Descriptions and Research Priorities for the items listed above may be accessed at [www.scabusa.org/research\\_rfp10.html](http://www.scabusa.org/research_rfp10.html). PIs should study this information carefully; any proposed research should be based on the FY10 research priorities which were derived from goals of the Action Plan as well as the Milestone Matrices developed by each CP ([http://www.scabusa.org/pdfs/FY08-09\\_CPs\\_Milestone-Matrix.pdf](http://www.scabusa.org/pdfs/FY08-09_CPs_Milestone-Matrix.pdf)).

## **Requests for Funding**

**As previously mentioned, there are two distinct categories of FY10 Pre-Proposals:**

**1) Proposed Research Projects** submitted to Coordinated Projects; and **2) Individual Pre-Proposals** - Proposed research that does not fit within one of the Coordinated Projects may be submitted to the Executive Committee/Headquarters. An overview of these two categories follows:

- 1) Proposed Research Projects:** If the primary focus of your proposed research (all USWBSI Research Areas) is on Barley, Durum or Hard Winter Wheat, you **must** submit your proposed research to one of the 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 12 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 12).
- 2) Individual Project Pre-Proposals:** If you wish to submit a pre-proposal that does not fit within one of the Coordinated Projects, please follow the instructions in **Section 2 – Individual Project Pre-Proposals** (begins on page 19). The Networking & Facilitation Office will process the pre-proposal for appropriate review. **NOTE:** If a pre-proposal is recommended for funding by the USWBSI, it will be funded as a ‘single-year’ project for FY10.

**Enhancement of USWBSI Communication Activities:** The USWBSI is also seeking ways of improving and enhancing its communication and outreach activities. Although communication and outreach are included in several research areas' Actions Plans, the Initiative would be interested in receiving pre-proposals that innovatively address this need. PIs should follow the instructions and use the forms (accessible via the web) for **Category 2: Individual 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 to identify the appropriate area for their proposed work.

Again, pre-proposals for the following research areas are not being solicited in FY10:

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

The Program Descriptions and Research Priorities for MGMT, FSTU, GDER and PBG can be viewed on their individual web page (go to <http://scabusa.org/research> to access the web pages for each of the research areas).

### **Electronic Submission of FY10 Pre-Proposals and related documents via the EPS System:**

The on-line submission process begins with the 'Pre-Registration Process' that requires the completion of two web-based forms:

1. **Proposed Research Form:** Information submitted on this form pertains to the proposed research being submitted. Follow the instructions included on the form:  
[http://www.scabusa.org/cgi-bin/pre\\_reg.cgi](http://www.scabusa.org/cgi-bin/pre_reg.cgi)
2. **User Registration Form:** The submission of this form will setup the PI's access account within the EPS System. Form may be accessed at <http://scabusa.org/eps/register.php>.

**NOTE:** Upon successful completion of the 'Pre-Registration Process', the user will receive a confirmation e-mail that will include a 'Help Document' for navigating the EPS System.

Pre-Registration opens June 30, 2009 and must be completed no later than August 31, 2009. The Electronic Pre-Proposal Submission (EPS) system will open on August 17th. Information needed for accessing the EPS System will be distributed to PIs/Co-PIs within 48 business hours after completing the 'Pre-Registration Process' (both forms). All proposal documents uploaded to the EPS System must be in PDF format. The USWBSI does not require signatures by the Authorized Organizational Representatives (AORs) on pre-proposals, so AORs will not be granted access to the EPS system.

# INTRODUCTION

After carefully reading the 'PREFACE' and studying the FY10 Program Descriptions and Research Priorities, you are ready to begin creating your proposal. 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; or 2) Individual Project Pre-Proposal. Again, you may contact any of the individuals listed in Table 1 (page 6) to help determine the most appropriate category for your proposed research.
2. If Category 1 was selected in step 1, determine the Coordinated Project that best fits your proposed research.
3. Finally, follow the instructions in the corresponding section to complete your proposal.

**NOTE:** Proposed research that does not fit into one of USWBSI research categories (CP or RA) are also welcome.

## PRE-PROPOSAL PREPARATION:

It is important that all pre-proposals conform to the instructions provided in the FY10 Request for Project Pre-Proposal Application. The USWBSI's Networking & Facilitation Office may return, without review, any proposals that are not consistent with these instructions. The NFO must authorize any deviations from these instructions in advance of final submission. Deviations may be authorized by written approval from the NFO Director ([dvs@uky.edu](mailto:dvs@uky.edu)) or Manager ([scabusa@scabusa.org](mailto:scabusa@scabusa.org)).

## COLLABORATIVE PROJECTS:

Even though six distinct Coordinated Projects have been established (Barley, Durum, Hard Winter Wheat and the three VDHR Regional Uniform Nurseries), other collaborative projects within or across research disciplines 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 from USDA-ARS to you and your institution.

## REVIEW AND FUNDING RECOMMENDATION PROCESS:

Please note that project 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 then reviews the panels' recommendations and if necessary, modifies the awards so that they fit into the FY10 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 proposed research project(s) or individual pre-proposal(s) are recommended for funding by the Initiative will be asked to compile and formalize their proposed research into a single 'Grant Applications' for inclusion in the Initiative's recommended FY10 Research Plan.** The recommended comprehensive plan will be sent to USDA-ARS in the early months of 2010.

**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](mailto: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/research\\_rfp10.html#faq](http://scabusa.org/research_rfp10.html#faq)

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

## **IMPORTANT RFP DEADLINES FOR ALL CATEGORIES OF PROPOSED RESEARCH.**

<b>Proposal Category</b>	<b>Description of Item: Deadline:</b>		
<b>1. Proposed Research Projects submitted to a Coordinated Project:</b>	Letter of Intent (LOI)	<b>July 31, 5:00*</b>	
	Individual Proposed Research Project	E-version:	<b>Sept, 14, 5:00</b>
		Paper (signed):	<b>Oct. 1, 5:00</b>
	CV/Publication Lists and Current and Pending Support Form	Upload to EPS System:	<b>Sept. 22, 5:00</b>
<b>2. Individual Pre-Proposal:</b>	Individual Pre-Proposal (includes three separate Adobe PDF files)	<b>September 22, 5:00</b>	

\* All times are PM in Eastern Time Zone (ET)

**Table 1.** Contacts for Coordinated Projects, Research Areas and Networking & Facilitation Office.

Coordinated Projects		Contact	Email Address
Barley (BAR)		Kevin Smith, Univ. of Minnesota	<a href="mailto:smith376@umn.edu">smith376@umn.edu</a>
Durum (DUR)		Xiwen Cai, ND State Univ.	<a href="mailto:xiwen.cai@ndsu.edu">xiwen.cai@ndsu.edu</a>
Hard Winter Wheat (HWW)		Bill Berzonsky, SD State Univ.	<a href="mailto:William.Berzonsky@sdstate.edu">William.Berzonsky@sdstate.edu</a>
Uniform Nurseries - VDHR <sup>1</sup>	Region		
	Spring Wheat	Karl Glover, SD State Univ.	<a href="mailto:Karl.Glover@sdstate.edu">Karl.Glover@sdstate.edu</a>
	Soft Winter Wheat - Northern	Clay Sneller, Ohio State Univ.	<a href="mailto:sneller.5@osu.edu">sneller.5@osu.edu</a>
	Soft Winter Wheat - Southern	Jose Costa, Univ. of Maryland	<a href="mailto:costaj@umd.edu">costaj@umd.edu</a>
<b>Research Areas<sup>2</sup></b>			
		<b>Contact</b>	<b>Email Address</b>
MGMT		Christina Cowger, USDA-ARS, NC	<a href="mailto:christina_cowger@ncsu.edu">christina_cowger@ncsu.edu</a>
FSTU		Jim Pestka, MI State University	<a href="mailto:pestka@msu.edu">pestka@msu.edu</a>
GDER		Steve Scofield, USDA-ARS, IN	<a href="mailto:scofield@purdue.edu">scofield@purdue.edu</a>
PBG		Frances Trail, MI State University	<a href="mailto:trail@msu.edu">trail@msu.edu</a>
<b>General Questions regarding the RFP Process:</b>			
		<b>Contact</b>	<b>Phone Number/E-mail</b>
		Dave Van Sanford, Director of the Networking & Facilitation Office	859-338-2409 <a href="mailto:dvs@uky.edu">dvs@uky.edu</a>
		Sue Cauty, Manger of the Networking & Facilitation Office	517-290-5023 <a href="mailto:scabusa@scabusa.org">scabusa@scabusa.org</a>

<sup>1</sup> VDHR – Variety Development & Host Resistance

<sup>2</sup> MGMT – FHB Management

FSTU – Food Safety, Toxicology, and Utilization of Mycotoxin-contaminated Grain

GDER – Gene Discovery & Engineering Resistance

PBG – Pathogen Biology & Genetics