



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

## **FY09 Request for Pre-Proposals**

**For more information:**

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**Note:** All MGMT Coordinated Projects Pre-Proposals forms may be viewed and downloaded from the RFP Website: [http://www.scabusa.org/research\\_rfp09.html](http://www.scabusa.org/research_rfp09.html).

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**Note:** All Individual Pre-Proposal forms may be viewed and downloaded from the RFP Website: [http://www.scabusa.org/research\\_rfp09.html](http://www.scabusa.org/research_rfp09.html).

**FY09 Request for Proposals Quick Start/ Executive Summary  
Read this First!**

**What is new for FY09?**

- **Barley, Durum, Hard Winter Wheat and VDHR Coordinated Projects:** the USWBSI is not soliciting new proposals for these coordinated projects in FY09 because they are in the middle of a 2 year funding cycle.
  
- **MGMT:** In FY09, pre-proposals submitted to MGMT will fall into the following three categories.
  - 1) Uniform Fungicide and Biocontrol (F/BC) Coordinated Project – For more information, please turn to page 11.
  
  - 2) Integrated Management (IM) Coordinated project – For more information, please turn to page 11.
  
  - 3) All other proposals appropriate to MGMT (e.g., epidemiology studies) – For more information please turn to page 19.
  
- **GDER, FSTU and PBG:** The procedure is largely unchanged from FY08. However, research priorities and action plan goals may have changed. For more information, please turn to page 7.
  
- **Two year pre-proposals** - For **MGMT, GDER, FSTU, PBG**, FY09 will be year 1 of a 2 year funding cycle.
  
- **Electronic submission** – All FY09 proposals will be submitted electronically. For more information, please turn to:
  - FHB Management Coordinated Projects:      Page 13 - Individual PIs  
Page 14 - CP Leaders/Committees
  
  - Individual Research Areas:                      Page 19

**Important Deadlines**

| <b><u>RFP Category</u></b>                              | <b><u>Description of Item:</u></b>     | <b><u>Deadline:</u></b>                   |
|---|--|---|
| <b>FHB Management Coordinated Projects (MGMT-CP)</b>    | Letter of Intent (LOI)                 | <b>August 1, 2008</b>                     |
|   | Budget Request including Justification | <b>To be set by individual CP Leader.</b> |
| <b>All Research Areas and MGMT Coordinated Projects</b> | Pre-Registration of Pre-Proposal(s)    | <b>August 29, 2008</b>                    |
| <b>All Research Areas and MGMT Coordinated Projects</b> | FY09 Pre-Proposal(s)                   | <b>September 23, 2008</b>                 |

**Help!** As always, please contact Sue Canty or Dave Van Sanford if you have questions.

# PREFACE

The USWBSI's Action Plan 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.

## **FY09 Research Areas (RA)**

Below are the Research Areas for which FY09 pre-proposals will be accepted:

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

FY09 Research Area program descriptions and research priorities for the USWBSI's five areas of research are included in this document (Page 6), and can also be accessed at [www.scabusa.org/research\\_rfp09.html](http://www.scabusa.org/research_rfp09.html). Proposed research should be based on the FY09 research priorities derived from goals of the Action Plan.

## **Request for Pre-Proposals (RFP)**

The USWBSI has changed the annual research plan and budget process for FY09, including major changes to the Request for Pre-Proposal (RFP) process. **All pre-proposals will be** submitted via the Electronic Pre-Proposal Submission (EPS) System. **There are two distinct categories of FY09 Pre-Proposals: 1) FHB Management Coordinated Projects; and 2) Individual Pre-Proposals** submitted to MGMT, FSTU, GDER or PBG Research Areas. An overview of the two categories follows:

**1) 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 1 titled **“FHB Management Coordinated Project Pre-Proposals”** (instructions begin on page 10) to submit your proposed research.

- Uniform Fungicide/Biocontrol (F/BC) Trials
- Integrated Management (IM) Studies

**2) Individual Research Area Pre-Proposals:** If your proposed research is in one of the FY09 research areas listed above and is not associated with an FHB Management Coordinated Project, please follow the instructions under Section 2 titled **“Individual Research Area Project Pre-Proposals”**(instructions begin on page 18) 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 2: 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 Research Areas or MGMT Coordinated Projects, or the Networking & Facilitation Office to identify the appropriate area for their proposed work.

### **Electronic Submission of FY09 Pre-Proposals:**

The USWBSI has developed an Electronic Pre-Proposal Submission (EPS) System (web-based), to be used for the submission of all pre-proposals. General instructions for completing pre-proposals for electronic submission are included in the FY09 RFP.

The on-line submission process begins with the completion of a 'Pre-Registration Form'. The pre-registration period opens July 1, 2008 and must be completed no later than August 29, 2008. Information from this form will be used to setup PI-based accounts. The Electronic Pre-Proposal Submission (EPS) system will open on August 1st. Information needed for accessing the EPS System will be distributed to PIs within 48 business hours of completing the 'Pre-Registration Form' (after August 1st). The USWBSI does not require signatures by the Authorized Organizational Representatives (AORs) on pre-proposals, so AORs will not require access to the EPS system.

### **Commodity-based and VDHR Coordinated Projects:**

Pre-proposals for the following research categories are not being solicited in FY09:

- ❖ Barley Coordinated Project
- ❖ Durum Coordinated Project
- ❖ Hard Winter Wheat Coordinated Project
- ❖ Variety Development and Host Resistance - Northern Winter Wheat Region
- ❖ Variety Development and Host Resistance – Spring Wheat Region
- ❖ Variety Development and Host Resistance - Southern Winter Wheat Region

If you wish to submit a pre-proposal relevant to one of the coordinated projects listed above, please either submit to one of the FY09 research areas (MGMT, FSTU, GDER or PBG) if appropriate, or select 'None of the Above' in box 16 on the 'Application Cover Page' and follow the instructions for **Category 2 Pre-Proposals** (begins on page 17). 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 FY09. For FY10, a new two-year based pre-proposal may be submitted to the appropriate coordinated project.

# INTRODUCTION

After carefully reading the 'PREFACE' and FY09 RA Program Descriptions and Research Priorities, you are ready to create your pre-proposal(s). Below are a few helpful hints to guide you through this process:

1. First, determine the appropriate Research Area for your proposed research project. Again, you may contact any of the individuals listed in Table 1 (page 6) to help determine the most appropriate research area for your proposed research.
2. Next, determine the Pre-Proposal Category that best fits your proposed research: 1) FHB Management Coordinated Projects; or 2) Individual Research Areas.
3. Finally, follow the instructions in the corresponding section to complete your pre-proposal.

**NOTE:** Proposals that do not fit into one of the research areas (listed on page 2) for which pre-proposals are being accepted for FY09 are also welcome.

## PRE-PROPOSAL PREPARATION:

It is important that all pre-proposals conform to the instructions provided in the FY09 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](mailto:dvs@uky.edu)) or Manager ([scabusa@scabusa.org](mailto:scabusa@scabusa.org)).

## TWO-YEAR PRE-PROPOSALS

The Initiative is moving toward two-year pre-proposals; all pre-proposals submitted to one of the FY09 Research Areas should reflect this fact (i.e. Project Summary, Project Description, MGMT-CP Proposed Research Project, Budget Justification, and Budget). **NOTE:** Funding is awarded on a one year basis (i.e. FY09 pre-proposals that are recommended for funding to USDA-ARS will receive only 'year one' funds).

## COLLABORATIVE PROJECTS:

Even though two FHB Management (MGMT) Coordinated Projects have been established (Uniform Fungicide/Biocontrol Trials and Integrated Management Studies), 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 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 FY09 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.** The recommended comprehensive plan will be sent to USDA-ARS in the early months of 2009.

### 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://www.scabusa.org/pdfs/fy09rfp\\_faq.pdf](http://www.scabusa.org/pdfs/fy09rfp_faq.pdf)

With the major changes to the RFP process for FY09, the FAQ document will be updated regularly as questions and requests for clarification are submitted to the Networking & Facilitation Office (NFO).

### WHAT GETS SUBMITTED?

All FY09 Pre-proposals must be submitted electronically via the Electronic Pre-Proposal Submission (EPS) System by September 23, 2008. Hard copies of electronically submitted pre-proposals are not required.

## IMPORTANT RFP DEADLINES FOR FY09 PRE-PROPOSALS

| <u>RFP Category</u>                                     | <u>Description of Item:</u>                                 | <u>Deadline:</u>                          |
|---|---|---|
| <b>1. FHB Management Coordinated Projects (MGMT-CP)</b> | Letter of Intent (LOI)                                      | <b>August 1, 2008</b>                     |
|   | Proposed Research Project                                   | <b>To be set by individual CP Leader.</b> |
|   | Pre-Registration of Pre-Proposal                            | <b>August 29, 2008</b>                    |
|   | Submission of FY09 Pre-Proposal                             | <b>September 23, 2008</b>                 |
| <b>2. Individual Research Area Pre-Proposals</b>        | Pre-Registration of Pre-Proposal for electronic submission. | <b>August 29, 2008</b>                    |
|   | Submission of FY09 Pre-Proposal                             | <b>September 23, 2008</b>                 |

**Table 1.** Contacts Research Areas, FHB Management Coordinated Projects (CP) and Networking & Facilitation Office.

| <b>RESEARCH AREAS</b>   |  | <b>Contact</b>   | <b>Email Address</b>   |
|---|--|--|--|
| <b>FHB Management (MGMT)</b>  |  | Stephen Neate, ND State University                                 | <a href="mailto:stephen.neate@ndsu.edu">stephen.neate@ndsu.edu</a>           |
|   |  | Christina Cowger, USDA-ARS, NC                                     | <a href="mailto:christina_cowger@ncsu.edu">christina_cowger@ncsu.edu</a>     |
| <b>MGMT Coordinated Projects</b>  | <b>Uniform Fungicides/ Biocontrol (F/BC)Trials</b> | Carl Bradley, University of IL                                     | <a href="mailto:carlbrad@uiuc.edu">carlbrad@uiuc.edu</a>                     |
|   | <b>Integrated Management (IM) Studies</b>          | Pierce Paul, OH State University                                   | <a href="mailto:paul.661@osu.edu">paul.661@osu.edu</a>                       |
| <b>Food Safety, Toxicology and Utilization of Mycotoxin-contaminated Grain (FSTU)</b> |  | Jim Pestka, MI State University                                    | <a href="mailto:pestka@msu.edu">pestka@msu.edu</a>                           |
| <b>Gene Discovery and Engineering Resistance (GDER)</b>                               |  | Steve Scofield, USDA-ARS, IN                                       | <a href="mailto:scofield@purdue.edu">scofield@purdue.edu</a>                 |
| <b>Pathogen Biology and Genetics (PBG)</b>  |  | Frances Trail, MI State University                                 | <a href="mailto:trail@msu.edu">trail@msu.edu</a>                             |
| <hr/>   |  |  |  |
| <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<br><a href="mailto:dvs@email.uky.edu">dvs@email.uky.edu</a>     |
|   |  | Sue Canty, Manager of the Networking & Facilitation Office         | 517-290-5023<br><a href="mailto:scabusa@scabusa.org">scabusa@scabusa.org</a> |

# FY09 Research Area (RA) Program Descriptions and Research Priorities (PD-RP)

## FHB MANAGEMENT (MGMT)

### FY09 Program Description:

The FHB Management (MGMT) research area supports research to develop effective and economical disease management practices that reduce FHB severity and DON in harvested grain to meet the immediate and long-term needs of the wheat and barley industries.

This research area involves:

- tillage practices, crop sequences, and other cultural practices targeting *Fusarium*-infested residues;
- fungicides, biological control agents, and application technologies for chemical and biological agents;
- the refinement and deployment of disease prediction and forecasting models and disease management decision tools; and
- studies of pathogen survival, inoculum production, dispersal, infection, colonization, mycotoxin production, and factors accounting for high levels of mycotoxin in asymptomatic grain.

**NOTE:** Priority will be given to multi-PI, collaborative, integrated pre-proposals that address the research priorities listed below. Pre-proposals pertaining to uniform integrated management (IM) studies and uniform fungicide/biocontrol (F/BC) trials will be developed as multi-PI, collaborative, integrated proposals. Coordinators for those integrated proposals are listed in Table 1 (FY09 RFP).

### FY09 Research Priorities Derived from Action Plan Goals:

1. Validate integrated management strategies for FHB and DON.
2. Enhance communication and end user education/outreach.
3. Develop the next generation of management tools for FHB/DON control.
4. Develop a full understanding of specific environmental and biological factors influencing infection and toxin accumulation that can be used to develop the next generation of disease forecasting and DON risk assessment systems.

## **FOOD SAFETY, TOXICOLOGY AND UTILIZATION OF MYCOTOXIN-CONTAMINATED GRAIN (FSTU)**

### **FY09 Program Description:**

The Food Safety, Toxicology and Utilization of Mycotoxin-Contaminated Grain (FSTU) research area supports research on food safety and food processing issues related to the presence of *Fusarium* spp. mycotoxins in wheat and barley grain. Practical outcomes of research in this area include: 1) improved toxicological data to assure that current guidelines are providing the appropriate safety factors for the consumer; 2) analytical tools that can be used by small grain producers, elevators, millers, and processors, to rapidly and reliably identify mycotoxin-contaminated grain; 3) develop appropriate strategies to deal with contaminated grain; and 4) diagnostic data on *Fusarium* spp. mycotoxins required for development of FHB resistant/tolerant varieties of wheat and barley.

### **FY09 Research Priorities Derived from Action Plan Goals:**

1. Provide analytical support for DON/trichothecene quantitation for Initiative's stakeholders.
2. Provide requisite information on DON/trichothecene safety issues to producers, millers, researchers, risk assessors, and regulators.

## **GENE DISCOVERY AND ENGINEERING RESISTANCE (GDER)**

### **FY09 Program Description:**

The Gene Discovery and Engineering Resistance (GDER) research area (RA) will focus primarily on development of engineered strategies to FHB resistance, and on the identification of candidate genes for resistance from wheat, barley and other plants. Gene discovery and transformation of non-cereal systems will be supported for the purpose of rapidly screening potential anti-*Fusarium* genes.

### **FY09 Research Priorities Derived from Action Plan Goals:**

1. Characterize the genetic function of existing and novel loci for FHB resistance.
2. Increased efficiency of identification of candidate genes for resistance against FHB and reduced DON accumulation.
3. Develop effective FHB resistance through transgenic strategies.

## **PATHOGEN BIOLOGY AND GENETICS (PBG)**

### **FY09 Program Description:**

Research in this area includes studies that address pathogen diversity and mycotoxin biosynthesis on plants, host/parasite interactions, and host resistance mechanisms that target the pathogen. Research in PBG should complement and be linked to whole plant research that will lead to disease control and/or toxin reduction strategies. Population surveys should be accompanied by studies of biological relevance. Successive yearly surveys cannot be supported by this program, as funding is limited.

### **FY09 Research Priorities Derived from Action Plan Goals:**

1. Characterize genetic variation in the pathogen population with regard to aggressiveness toward plants and mycotoxin potential.
2. Characterize plant-fungal interactions in plant lines being developed by researchers in the USWBSI.
3. Develop new strategies for reducing the impact of FHB and associated mycotoxin contamination in barley and wheat.

## **VARIETY DEVELOPMENT AND HOST RESISTANCE (VDHR)**

### **FY09 Program Description:**

The VDHR research area will be Uniform Nursery based in the case of soft winter wheat and spring wheat. States will be aligned with the uniform nurseries as follows: Uniform Regional Scab Nursery for Spring Wheat Parents (MN, ND, SD, MT); Uniform Northern Winter Wheat FHB Screening Nursery (NY, MI, OH, IN, IL, MO, KY); Uniform Southern Soft Red Winter Wheat FHB Screening Nursery (NC, MD, VA, AR, GA, LA). VDHR research will be commodity-based in the case of barley, durum and hard winter wheat coordinated projects.

Each Uniform nursery will be coordinated by a regional committee, chaired by existing nursery coordinators. Nurseries will be conducted in collaboration with a pathologist wherever possible and a subset of promising entries may be grown at multiple locations in Integrated Management Trials. The nurseries will also be evaluated for milling and baking quality, and haplotyped at the USDA regional genotyping labs. The most promising lines may be entered in the nurseries for a second year of testing at the lines originator's request. Collaborators will submit candidate parents for crossing, and prebreeding populations derived from these crosses/populations will be made available to all collaborators. Mapping of new resistance sources will be accomplished through joint phenotyping of populations. All collaborators must screen varieties planted commercially (>5% of wheat acreage) in their state for FHB resistance and provide this information to growers.

**NOTE:** Individual proposed research projects in this area will not be solicited until FY10.

### **FY09 Research Priorities Derived from Action Plan Goals:**

1. Increase acreage planted to varieties exhibiting improved FHB resistance.
2. Increase efficiency of individual breeding programs to develop and release FHB resistant varieties.
3. Develop new breeding technologies and germplasm to further enhance short term and long term improvement of FHB resistance and to efficiently introgress effective resistance genes into breeding germplasm.

**SECTION 1:**

**FHB MANAGEMENT  
COORDINATED PROJECT  
PRE-PROPOSALS**

## INTRODUCTION

### Does my proposed research belong in an FHB Management Coordinated Project (CP)?

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

|   |  |
|---|--|
| <b>Uniform Fungicide and Biocontrol Trials (F/BC)</b> | Fungicides, biological control agents, and application technologies for chemical and biological agents.  |
| <b>Integrated Management Studies (IM)</b>             | Integrated management strategies for FHB and DON including tillage practices, crop sequences, and other cultural practices targeting <i>Fusarium</i> -infested residues. |

### Overview of Submission Process for Coordinated Project Pre-Proposals:

If you are submitting proposed research to the Fungicide/Biocontrol Trial or the Integrated Management Studies Coordinated Projects, 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 (next page), with a copy of the LOI sent to the NFO. **Deadline:** August 1<sup>st</sup>.
2. Coordinated Project Committee Leaders pre-register for the electronic submission of their coordinated project pre-proposal. **Deadline:** August 29<sup>th</sup>.
3. PIs submit a '**Proposed Research Project**' to the Coordinated Project committee leader – 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.
4. PIs and Co-PIs upload CV and Publication Lists, and completed Current and Pending Support Forms to the Electronic Pre-Proposals Submission (EPS) System. Individuals will receive instructions for accessing the EPS System no later than September 1<sup>st</sup>. **Deadline:** September 23, 2008.
5. Coordinated Project Committee assembles required components into a final **Coordinated Project Pre-Proposal** and submits to the NFO via the Electronic Pre-Proposals Submission (EPS) System. **Deadline:** September 23, 2008.

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

If you plan to participate in one of the FHB Management Coordinated Projects, you must submit a Letter of Intent to the CP leader (below) of the appropriate Coordinated Project committee by **August 1<sup>st</sup>**. 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; and*
- *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*

### Deadline:

Both the leader of the Coordinated Project Committee and the NFO must receive the Letter of Intent by August 1, 2008.

### Mailing Information for CP Contacts and NFO:

| <b><u>FHB MANAGEMENT COORDINATED PROJECTS</u></b>  |   |
|--|---|
| <b>Uniform Fungicide/Biocontrol (F/BC) Trials</b><br>Carl Bradley<br>University of Illinois<br>Dept. of Crop Sciences<br>1102 S. Goodwin Ave.<br>Urbana, IL 61801<br>E-mail: carlbrad@uiuc.edu | <b>Integrated Management (IM) Studies</b><br>Pierce Paul<br>1680 Madison Ave.<br>Dept. of Plant Pathology<br>Ohio State University<br>Wooster, OH 44691<br>E-mail: paul.661@osu.edu |
| <b>Networking &amp; Facilitation Office</b><br>ATTN: Sue Canty<br>USWBSI-NFO<br>380 Plant & Soil Sciences Bldg.<br>East Lansing, MI 48824-1325<br>E-mail: scabusa@scabusa.org                  |   |

## 2. PRE-REGISTRATION OF COORDINATED PROJECT PRE-PROPOSAL

*(This step to be completed only by the Coordinated Project Leader)*

Coordinated Project Leaders must complete the web-based '[Pre-Registration Form](#)' no later than August 29<sup>th</sup> in order to submit the final Coordinated Project Pre-Proposal via the Electronic Pre-Proposal Submission (EPS) System. During this step, the CP leaders are providing contact information and general information about the coordinated project pre-proposal (i.e. CP Title, CP PIs, etc.). This information will be used to set up CP Leader and PI accounts in the EPS system. The URL for accessing the Pre-Registration is [http://www.scabusa.org/cgi-bin/pre\\_reg.cgi](http://www.scabusa.org/cgi-bin/pre_reg.cgi). This step must be completed before pre-proposals can be uploaded to the EPS system.

### 3. PROPOSED RESEARCH PROJECT

#### Plan of Work:

A Plan of Work must be submitted with your proposed research project. This plan must describe the details of your proposed research including how the proposed research differs from the **required standard protocols** that have been established for the coordinated project to which you are submitting your Proposed Research 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. The Coordinated Project Committee leader will send the standard protocols to all PIs who submitted a Letter of Intent no later than mid-August along with submission instructions and the deadline for when Proposed Research Projects must be submitted to the Coordinated Project Committee.

#### Budget Justification (Year 1 and 2):

Please complete the '**Proposed Research Project Budget Justification Form**' by following the instructions on the form. As previously stated, the Initiative has adopted two-year projects, therefore your proposed research project should include 'Year 1' and 'Year 2' budget requests.

**Indirect Cost Rate:** The USWBSI's review process focuses on the **competitiveness of total project costs (direct and indirect)**. Fusarium head blight is a severe problem for the U.S. wheat and barley industries, and the USWBSI's resources are limited. Therefore, institutions are advised to limit indirect costs to 5%; in no case are indirect cost rates to exceed 10%.

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 Proposed Research Project Budget Justification Form (Section I).

**Submission Deadline:** The individual coordinating committees will set this deadline following receipt of Letters of Intent, and inform the cooperating scientists of the deadline and submission instructions no later than mid-August.

### 4. CV AND PUBLICATION LIST, AND CURRENT AND PENDING SUPPORT

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

A Curriculum Vitae and Publication List (CV/Pubs) 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. All PIs and Co-PIs must submit a CV/Pubs document.

- *Curriculum Vitae.* The Curriculum Vitae 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 CV and Publication List combined must not exceed four pages per scientist.**

**Uploading Instructions:** PIs and Co-PIs are responsible for uploading their own Curriculum Vitae and Publication List to the EPS System. CV/Pubs for all secondary scientists should be included in the PI's file. The CV/Pubs file will only need to be uploaded one time regardless if the PI/Co-PI is connected to multiple pre-proposals. File must be uploaded to the EPS System by **September 23, 2008**.

### **Current and Pending Support:**

All PIs who submit proposed research to a Coordinated Project must complete a Current and Pending Support (CPS) Form listing other current public or private support to which key personnel (PI and Co-PIs only) identified 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 and all 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')**.

**Uploading Instructions:** PIs and Co-PIs are responsible for uploading their own CPS Form to the EPS System following the instructions in the 'EPS Help Document'. The CPS Form will only need to be uploaded one time regardless if the PI/Co-PI is connected to multiple pre-proposals. File must be uploaded to the EPS System by **September 23, 2008**.

## **5. COORDINATED PROJECT PRE-PROPOSALS**

*(This section is to be completed by the Coordinated Project Committee.)*

### **Application for Funding Cover Page:**

The Coordinated Project 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 1).* 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.
- *Total Funds Requested (Block 4):* Fill in the total amount of the Coordinated Project Pre-Proposals for both 'Year 1' and 'Year 2'.
- *Coordinated Project Committee Leader's Contact Information (Block 6):* Provide complete contact information (sub sections a-d) for the CPC Leader.
- *Coordinated Project Committee Leader and Members (Block 5).* 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 7).* In Block 15, designate one Coordinated Project by marking an 'X' to the right of the selected project.

### **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 (i.e. PIs) should be listed on this form.

### **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.

### **Coordinated Project Committee's (CPC) Recommendation:**

Upon completion of review of all submitted proposed research projects (PRP), the Coordinated Project Committee must place each Proposed Research Project into a recommendation category: I) Recommend for inclusion with Coordinated Project Pre-proposal; or II) Not Recommended for inclusion with Coordinated Project Pre-Proposal. A 'Recommendation' form must be completed for each PRP by following the instructions on the form.

### **Project Description:**

Following the 'Coordinated Project Committee's Recommendation', insert the required standard protocols to be used by all cooperating scientists followed by the individual Proposed Research Projects (includes Plan of Work and Budget Justification Form) submitted by the cooperating scientists. Please order alphabetically by last name within each CPC's Recommended Category (I or II), and then in order by Category (i.e. Category I PRPs followed by Category II PRPs).

**Uploading Instructions:** Combine the following items (as ordered below) into a single MS Word File and upload the file to the EPS system following the instructions in the 'EPS Help Document':

- Application for Funding Cover Page.
- List of Collaborators Form (list all Principal Investigators included in CP Pre-Proposal).
- Outline of Coordinated Project.
- Coordinated Project Committee's Recommendation.
- Project Description (individual Proposed Research Projects):
  - Category I (Alpha ordered by last name)
  - Category II (Alpha ordered by last name)

### **Combined Budget Worksheet:**

Please complete the combined '**Coordinated Project Pre-Proposal Budget Worksheet**' following the instructions included in the file. This budget worksheet provides for both the individual budgets for all cooperating PIs as well as a combined budget indicating the total requested amount for the Coordinated Project. This form may be downloaded as a stand-alone file from the Scab Website at [http://www.scabusa.org/pdfs/fy09\\_rfp\\_cp-budget\\_multi.xls](http://www.scabusa.org/pdfs/fy09_rfp_cp-budget_multi.xls).

**Uploading instructions for ‘Combined Budget Worksheet’:** This file will be uploaded to the EPS System separate from the Coordinated Project Pre-Proposal. You must first convert the entire Excel File (all worksheets) into a single PDF file and then upload the converted file to the EPS system following the instructions in the ‘EPS Help Document’.

## **CHECK LIST AND DEADLINES FOR COORDINATED PROJECTS Pre-Submission**

- Letter of Intent

**Submission Deadline (received by CPC  
Leader and the NFO):**

**August 1, 2008**

**Pre-Registration Deadline for EPS System  
(completed by CPC Leader):**

**August 29, 2008**

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### **Check List of Required Items for Proposed Research Projects Submitted to Coordinated Project Committee**

- Proposed Research Project
  - Plan of Work
  - Budget Justification Form

**Submission Deadline:** To be set by CP Committee following receipt of all Letters of Intent (LOI).

- Current and Pending Support Page.
- Curriculum Vitae and Publication List.

**Submission Deadline (uploaded to EPS System):**

**September 23, 2008**

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### **Check List and Order of Required Items for Final Coordinated Project Pre-Proposal** *(To be completed by CP Committee)*

- Body of Coordinated Project Pre-Proposal (File 1)
  - Application for Funding Cover Page.
  - List of Collaborators Form (list all Principal Investigators included in CP Pre-Proposal).
  - Outline of Coordinated Project
  - Coordinated Project Committee's Recommendation
  - Project Description (individual Proposed Research Projects - Categorized and ordered by PI last name)
- Combined Coordinated Project Pre-Proposal Budget Worksheet. (File 2)

**Submission Deadline (uploaded to EPS System):**

**September 23, 2008**

**SECTION 2:**

**INDIVIDUAL RESEARCH AREA  
PROJECT PRE-PROPOSALS**

## INTRODUCTION

If your research is in one the following research areas, and if the primary focus is not on Fungicide/Biological Control Trials or Integrated Management Studies, you should complete your pre-proposals using the instructions and forms provided in this section of the FY09 RFP.

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

## OVERVIEW OF THE ELECTRONIC SUBMISSION PROCESS FOR INDIVIDUAL RESEARCH AREA (RA) PRE-PROPOSALS

The instructions for completing the electronic pre-proposal are very similar to those for submitting a paper copy. The three main differences are that you must pre-register your pre-proposal, your pre-proposal must be organized into three separate files, and the final submission of your pre-proposal will be done electronically rather than mailing a paper copy. Below are the steps you will take to complete and submit your individual project pre-proposal:

- a. Complete the web-based '[Pre-Registration Form](#)' no later than August 29<sup>th</sup>. During this step, PIs are providing contact information and general information about their pre-proposal (e.g. Title). This information will be used to setup PI accounts in the EPS system. The URL for accessing the Pre-Registration is [http://www.scabusa.org/cgi-bin/pre\\_reg.cgi](http://www.scabusa.org/cgi-bin/pre_reg.cgi). This step must be completed before pre-proposals can be uploaded to the EPS system.

**NOTE:** You will need to designate your pre-proposal as one of two types: 1) Individual RA Pre-Proposal – Single-PI Budget; or 2) Individual RA Pre-Proposal – Multi-PI Budget. Select the 'Single-PI Budget' if all requested funds are earmarked for the PI's institution/program. Select the 'Multi-PI Budget' if the requested funds are to be divided among cooperating PIs.

- b. You will complete your pre-proposal following the instructions and using the forms provided in this RFP. **NOTE:** You do not have to complete the 'Pre-Registration' Process before you begin working on your Pre-proposal. Your final pre-proposal must be completed by creating at least three files based on the following:
  - **FILE 1– Body of Pre-Proposal**– Contains the following:
    - Application for Funding Cover Page
    - Project Summary Form
    - Summary of Progress for Ongoing Related Project(s)
    - Project Description
    - References to Project Description
    - Facilities and Equipment
    - Collaborative Arrangements
    - Letters of Intent from Collaborators and Co-Investigators (letter from Co-PI will substitute signature on 'Application for Funding Cover Page') – *may be in the form of e-mail messages pasted into Word Document.*
    - Budget Justification Form(s).
    - Budget Page (**Note:** If you are completing a 'Multi-PI Budget' – see instructions on page 30 – you will need to first convert the entire Excel file (all Worksheets) to a PDF file and then upload as a separate file to the EPS system).

- **FILE 2– Curriculum Vitae and Publication List (CV/Pubs):** The PI and each Co-PI is responsible for uploading his/her own CV/Pubs file. CV/Pubs for secondary project personnel should be included in the PI’s file.
  - **FILE 3– Current and Pending Support (CPS) Form:** The PI and each Co-PI is responsible for uploading his/her own CPS form.
- c. Login to the EPS System using the information received following the ‘Pre-Registration’ (if pre-registered prior to August 1<sup>st</sup>, you will receive (via e-mail) your login information no later than August 4<sup>th</sup>). Following the instructions in the ‘Help Document’ (included in e-mail containing your access information), proceed to upload the three separate files (Body of Pre-Proposal, Curriculum Vitae and Publication List, and Current and Pending Support Form) following the simple instructions. The files you upload can be in either MS Word format or Adobe PDF format. The system will automatically convert MS Word files to PDF. Again, if the ‘Multi-PI Budget’ (Excel file) was used instead of the ‘Single Project Budget’, you must first convert the entire file (all Worksheets) to PDF prior to uploading to the EPS System.

**NOTE:** If a bibliography software program (i.e. Endnotes or Reference Manager) is used to generate any component of your pre-proposal (e.g. ‘References to Project Description’ or ‘Publications’), it is recommended that you convert the file containing those items to a PDF file before uploading to the EPS system.

As the USWBSI does not require signatures by the Authorized Organizational Representatives (AORs) on pre-proposals, institutional AOR’s will not be granted access to the EPS System.

### **Important Dates for EPS System and deadlines for Research Area Pre-Proposals:**

- |           |  |
|-----------|--|
| July 2:   | Pre-registration begins.   |
| Aug 1:    | EPS System Opens (if you pre-registered prior to this date, you will receive your access information on or within 48 business hours after Aug. 1). |
| Aug 29:   | Pre-registration ends.   |
| Sept. 23: | Deadline for final submission of pre-proposals.  |

## **INSTRUCTIONS**

### **FILE 1: Pre-Proposal**

#### **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 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.

- *Principal Investigator/Co-Investigators (Block 10)*. List the name of the proposing principal investigator in this block. All other participating scientists should be listed as co-investigators. The co-investigators should be limited to those required for major scientific collaboration.
- *Currently Funded Projects (Block 13)*. List the titles of all individual research projects that are currently being funded in FY08 (approx. May 2007 – April 2009) in association with the USWBSI/ARS collaboration.
- *Research Area (Block 16)*. Your Project Pre-Proposal should be constructed to address one or more of the priorities included in the FY09 Program Description and Research Priorities. In Block 16, designate with an 'X' one Research Area whose description and priorities your project is designed to address. Research Area (RA) Program Descriptions and Research Priorities (PD-RP) are included in this application. You can also view them on the Initiative's Web site at [www.scabusa.org/research.html](http://www.scabusa.org/research.html).
- *Signatures*. Signatures are not required for pre-proposals submitted via the Electronic Pre-Proposals Submission (EPS) System. However, a Letter of Intent from all Co-Investigators must be included in the pre-proposal under the section titled "Collaborative or Sub Contractual Arrangements".

### **Project Summary Form**

Each project pre-proposal must contain a completed Project Summary Page, which will be the second page of the project pre-proposal. The names and institutions of all of the principal and co-investigators should be listed on this form (if space for this information is insufficient, please enter "see attached" and provide the information on a separate sheet immediately following the Project Summary Page). The project summary itself must fit within the space indicated. The summary is not intended for the general reader; consequently, it may contain technical language relating to Fusarium head blight research. The project summary should be self-contained, include a specific description of the activity to be undertaken, and focus on the following:

- Overall project goal(s)
- Project Objectives (list in numbered format) and Expected Outcomes;
- Plans to accomplish project goal(s) within period of proposed work (**two-year duration**); and
- Relevance of the project to the goals of the U.S. Wheat and Barley Scab Initiative with specific reference to the research priorities listed in the FY09 Program Descriptions and Research Priorities (PD-RP).

A concise, informative project summary is essential. Project Summaries are considered part of the pre-proposal and are therefore confidential.

### **Summary of Progress for Ongoing Related Project(s) – *Limit to a single page per project.***

The purpose of this section is to enable PI's to demonstrate that they have made (or are moving towards) effective use of funds for ongoing USWBSI-recommended projects **related to** the current pre-proposal. This includes projects which were initially funded this year (FY08). Include the following information for each **relevant** ongoing project:

- Project Title;
- brief summary of activities (including non-data generating items such as hiring of personnel, equipment acquisition, etc.), any results and/or accomplishments made to date (include actual data documenting progress made since FY08 funding was awarded; and
- any information that will help reviewers understand how the current pre-proposal builds upon the ongoing project.

## Project Description

The Project Description should provide a clear statement of the work to be undertaken and must include: research objectives for the **period of the proposed work** and expected significance; relation to longer-term goals of the PI's project; and relation to the present state of knowledge in the field, to work in progress by the PI under other support and to work in progress elsewhere.

The Project Description should outline the general plan of work, including the broad design of activities to be undertaken, and, where appropriate, provide a **clear description** of experimental methods and procedures, and plans for preservation, documentation, and sharing of data, samples, physical collections, curriculum materials and other related research and education products.

- ii. Format:** Brevity will assist reviewers and USWBSI/NFO staff /reviewers in dealing effectively with pre-proposals. **Therefore, the written text of the Project Description must be five pages or less (single spaced or equivalent); ten pages or less in total including figures and tables.** The Project Description should be formatted using Times New Roman (Normal type except headings and 12 point or higher) with one-inch margins. **NOTE:** Bold formatting should only be used for section headings or used minimally to emphasize importance or significance. Conformance to the format requirements will be strictly enforced.

### iii. Content:

- *Title.* Same as Funding Cover Page (**80-Character Maximum**).
- *Introduction.* A clear statement of the goal(s) and supporting objectives or research questions of the proposed project should be included. The most significant published work in the field under consideration, including the work of key project personnel on the current application, should be reviewed. The current status of research in this field of science should also be described **including, but not limited to, any ongoing USWBSI-recommended work currently underway. Preliminary data pertinent to the proposed research may be included in this section.** Present and discuss published literature that is directly related to, and supports, the proposed research (research objectives, materials and methods).
- *Rationale and Significance.* It is understood that head scab is a devastating disease. **Acknowledgment of this fact should require no more than one sentence.** Concisely present the rationale behind the proposed research; identify the gaps in the knowledge base that your pre-proposal is trying to fill. Relevance of the project to the goals of the U.S. Wheat and Barley Scab Initiative with specific reference to the priorities listed in the FY09 Program Descriptions and Research Priorities (PD-RP). If applicable, please indicate if the research proposed here could lead to successful acquisition of grant funds from other agencies.
- *Research Materials and Methods.* Specifically, this section must include:

- The hypotheses or questions being asked;
- A description of the investigations and/or experiments proposed **in the sequence** in which the investigation or experiments are to be performed;
- Techniques and methodologies to be used in carrying out the proposed project, including the feasibility of the techniques. **(Describe in step by step fashion exactly what techniques, materials and methods will be used.);**
- Results expected;
- Means by which experimental data will be analyzed or interpreted;
- Means of applying results or accomplishing technology transfer, where appropriate;
- Pitfalls that may be encountered;
- Limitations to proposed procedures; and
- A tentative schedule for conducting major steps involved in these investigations and/or experiments.

**Please Note: Failure to address each of the issues in the bullet list will diminish the likelihood of the success of your pre-proposal being recommended for funding.**

### **References to Project Description**

All references cited in the Project Description should be included in bibliographic format. Although there is no established page limitation for the references, this section must include bibliographic citations only, and must not be used to provide parenthetical information outside of the project description.

### **Facilities and Equipment**

All facilities and major items of equipment available for use or assignment to the proposed project during the requested period of support should be described. In addition, items of nonexpendable equipment necessary to conduct and successfully conclude the proposed project should be listed (including dollar amounts), and, if funds are requested for their acquisition, justification should be included in the Budget Justification.

### **Collaborative or Sub Contractual Arrangements**

If the nature of the proposed project requires collaboration or contractual arrangements with other research scientists, corporations, organizations, agencies, etc, the applicant must identify the collaborator(s) and provide a **detailed explanation of the nature** of the collaboration. Evidence in the form of a letter of intent from all collaborators must be provided to assure reviewers that collaborators or sub-contractors involved have agreed to render the indicated services. **The letter of intent must include specific details describing the services the collaborator will provide.**

### **Budget and Budget Justification**

Please complete the new **‘FY09 RA Project Pre-Proposal Budget Justification Form’** by following the instructions on the form. Also complete a budget using either **‘FY09 Individual Project Pre-Proposal Budget Form’** or the **‘FY09 RA Multi-PI Project Pre-Proposal Budget Worksheet’** (MS Excel file). The **‘Multi-PI Budget Worksheet’** was developed for use by PIs whose proposed research includes components at multiple institutions. In such cases, if a pre-proposal is recommended for funding, the awards would go directly to the individual institutions from USDA-ARS. This form should be used in place of the Single Budget Page, as it provides for both the individual budgets as well as the total requested amount for the proposed research. However, when using this form, separate Budget

Justification Forms should be included for each individual budget request. This form may be downloaded as a stand-alone file from the Scab Website at [http://www.scabusa.org/pdfs/fy09\\_rfp-budget\\_multi-pi.xls](http://www.scabusa.org/pdfs/fy09_rfp-budget_multi-pi.xls).

**Indirect Cost Rate:** The USWBSI's review process focuses on the **competitiveness of total project costs** (direct and indirect). Fusarium head blight is a severe problem for the U.S. wheat and barley industries, and the USWBSI's resources are limited. Therefore, institutions are advised to limit indirect costs to 5%; in no case are indirect cost rates to exceed 10%.

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).

**Uploading Instructions for Multi-PI Budget Worksheet:** This file must be uploaded to the EPS System separate from the file containing your pre-proposal. You must first convert both worksheets (Year-1 and Year-2) into a single PDF file and then upload the converted file to the EPS system following the instructions in the 'EPS Help Document'.

## **FILE 2: Curriculum Vitae and Publication List (CV/Pubs)**

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

To assist peer reviewers in assessing the competence and experience of the proposed project staff, all personnel who will be involved in the proposed project must be identified clearly. The items listed below should be included for all personnel (PI, Co-Investigators, and secondary scientists (i.e. post-docs, graduate students)) who are expected to work on the project in a significant fashion (e.g. expectation of co-authorship on ensuing publications), whether or not funds are sought for this support:

- *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.**

**Uploading Instructions:** PIs and Co-PIs are responsible for uploading their own CV/Pubs to the EPS System. CV/Pubs for all secondary scientists should be included in the PI's file. The CV/Pubs will only need to be uploaded one time regardless if the PI/Co-PI is connected to multiple pre-proposals. File must be uploaded to the EPS System by **September 23, 2008**.

**FILE 3: Current and Pending Support Form****Current and Pending Support**

All project pre-proposals must contain a completed Current and Pending Support Form listing other current public or private support to which key personnel (PI and Co-PIs only) identified 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')**.

**Uploading Instructions:** PIs and Co-PIs are responsible for uploading their own Current and Pending Support Form to the EPS System. The CPS Form will only need to be uploaded one time regardless if the PI/Co-PI is connected to multiple pre-proposals. File must be uploaded to the EPS System by **September 23, 2008**.

## Check List and Order of Required Items for Individual Research Area Project Pre-Proposals

### ➤ FILE 1: Project Pre-Proposal

- Application for Funding Cover Page
- Project Summary Form (*must fit within text box*)
- Summary of Progress for Previously Funded Project – FY08 (*one page maximum*)
- Project Description (*five pages or less written text; ten pages or less in total including figures and tables*)
- References to Project Description
- Facilities and Equipment
- Description of Collaborative Arrangements
- Letters of intent from each collaborator and/or Co-PI
- Budget Justification Form
- Project Pre-Proposal Budget Form (*use either Individual or Multi-PI Budget forms; if 'Multi-PI Budget form is used it must be uploaded as a separate PDF file*)

### ➤ FILE 2: Curriculum Vitae and Publication List (*maximum of four pages total per scientist*)

### ➤ FILE 3: Current and Pending Support Form

## RFP DEADLINES FOR RESEARCH AREA PRE-PROPOSALS

**Pre-Registration Deadline:** Friday, August 29, 2008

**Final Pre-Proposal Submission Deadline:** Tuesday, September 23, 2008