U.S. Wheat & Barley Scab Initiative

FY06 Request for Research Project Pre-Proposals – Enhancing DON Testing Capability

For more information:
www.scabusa.org
scabusa@scabusa.org
517-355-0271 ext. 183

Deadline: Friday, July 28, 2006, 5:00 PM

Submit to: USWBSI/NFO
ATTN: Sue Canty
380 Plant & Soil Sciences Building
Michigan State University
East Lansing, MI 48824-1325

INTRODUCTION

The goal of the U.S. Wheat and Barley Scab Initiative is: "**To develop as quickly as possible effective control measures that minimize the threat of Fusarium head blight (scab) to the producers, processors, and consumers of wheat and barley".**

Concerns about deoxynivalenol (DON) and other mycotoxins in the food chain continue to mount. Three of the four Food Safety, Testing and Utilization (FSTU) labs that are funded by the USWBSI use the GC/MS technology to measure mycotoxin content. The USWBSI goals for DON and other mycotoxin analyses are increased **uniformity, quality and capacity**. To that end, the USWBSI is soliciting pre-proposals from qualified labs for the purchase of GC/MS equipment to expand mycotoxin testing capacity and increase mycotoxin testing uniformity. **This is a one time only request for pre-proposals to purchase a GC/MS instrument for mycotoxin testing. Labs submitting proposals must demonstrate 1) the existence of matching funds (details below) and 2) a long term commitment to running a mycotoxin testing lab for the USWBSI.** It is anticipated by the USWBSI that the GC/MS instrument will be in place and functional prior to the next fiscal year (FY07 – begins approximately May 2007).

REVIEW PROCESS

The deadline for submitting pre-proposals is **Friday, July 28, 2006, 5:00 PM (Eastern)**. Pre-proposals received on or before that date will be sent for review by the Food Safety, Toxicology and Utilization of Mycotoxin-contaminated Grain Research Committee. The Executive Committee will then consider the Research Committee's recommendation, and submit a final recommendation to the Steering Committee for approval. The review process should be completed by **August 25**, **2006.**

A single copy (unstapled) of each project pre-proposal must be received in the NFO at the following address by **Friday, July 28, 2006, 5:00 PM (Eastern):**

Sue Canty
USWBSI-NFO
380 Plant and Soil Sciences Building
Michigan State University
East Lansing, MI 48824-1325

INSTRUCTIONS FOR FORMAT AND CONTENTS OF FY06 PROJECT PRE-PROPOSALS – ENHANCING DON TESTING CAPABILITY

Application for Funding Cover Page – complete the cover page by providing the information requested.

Project Description

Provide a brief (1-2 pages) description of the project including research methods, a budget which includes a current quote for a GC/MS instrument, matching funds available from a source other than USWBSI, and Indirect Costs Rate for the purchase of equipment for USWBSI research projects. A brief budget narrative should also be included. **Describe how the purchase of this instrument will enhance the mycotoxin – testing capabilities of the USWBSI.** Include a description of laboratory facilities available for this research, with a description of the lab space and the ability of the lab to house the new GC/MS instrument.

Funds Available

Approximately $56,000 is available from USWBSI funds for this instrument purchase. The remainder of the purchase price must be provided from matching funds. **Documentation (e.g. letter from source) of proof of matching funds is required.**

COVER PAGE	**U.S. WHEAT & BARLEY SCAB INITIATIVE** **FY06 PROJECT PRE-PROPOSAL APPLICATION FOR FUNDING**

1. LEGAL NAME OF ORGANIZATION TO WHICH AWARD SHOULD BE MADE	3. NAME OF AUTHORIZED ORGANIZATIONAL REPRESENTATIVE	4. a. PHONE NUMBER b. FAX NUMBER c. E-MAIL ADDRESS
2. ADDRESS *(Give complete mailing address and Zip Code-including County)*	5. ADDRESS OF AUTHORIZED ORGANIZATIONAL REPRESENTATIVE *(If different from Item 2.)*	
6. TITLE OF PROPOSED PROJECT (80-character Maximum, including spaces)		
7. APPROXIMATE PERIOD OF PROPOSED PROJECT DATES **MAY 2006 – APRIL 2007**	8. DURATION REQUESTED **12 MONTHS**	9. TOTAL FUNDS REQUESTED **$** **IDC Rate ____%[1]**
10. PRINCIPAL INVESTIGATOR AND CO-INVESTIGATOR (S) a. Name of Principal Investigator (First, Middle, Last)		11. a. PI'S PHONE UMBER: b. FAX NUMBER: c. E-MAIL ADDRESS:
b. Name of Co-Investigator #1 (First, Middle, Last)		12. PI's BUSINESS ADDRESS (Include Department/Zip Code)
c. Name of Co-Investigator #2 (First, Middle, Last)		ALTERNATE SHIPPING ADDRESS (i.e. FEDEX)
13. LIST ALL CURRENTLY FUNDED PROJECTS IN ASSOCIATION WITH THE USWBSI ***(approx. May 2005 - April 2006)*** 1) _____ [ ] _____ 2) _____ [ ] _____ NOTE: **If any project listed above is funded in the form of a Specific Cooperative Agreement, please check the box to the next to the project.**		15. WILL THIS PROJECT BE SENT OR HAS IT BEEN SENT TO OTHER FUNDING AGENCIES, INCLUDING OTHER USDA AGENCIES? [ ] No [ ] Yes *(If yes, list Agency acronym(s) & program(s) and fill in attached "Current and Pending" Form.)* 16. DESIGNATE WITH AN **'X'** ONE RESEARCH AREA (RA) WHOSE DESCRIPTION AND PRIORITIES YOUR PROJECT IS DESIGNED TO ADDRESS. Food Safety, Toxicology, and Utilization ..... ____ Mycotoxin-contaminated Grain
To be completed by NFO →		**FY06-**
SIGNATURE OF PRINCIPAL INVESTIGATOR *(All individuals listed in block 10 must sign.)*		**DATE**
SIGNATURE OF AUTHORIZED ORGANIZATIONAL REPRESENTATIVE ***(Not required by USWBSI)***	**TITLE**	**DATE**

This form is a modified version of the CSREES-661 Form.
[1]IDC rate' refers to Indirect Cost Rate or Overhead Rate (Not applicable for USDA-ARS PIs).