

**U.S. Wheat and Barley Scab Initiative  
 FY02 Final Performance Report (approx. May 02 – April 03)  
 July 15, 2003**

**Cover Page**

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| <b>Year:</b>                  | <b>FY2002 (approx. May 02– April 03)</b>  |
| <b>Grant Number:</b>          | <b>NA</b>   |
| <b>Grant Title:</b>           | <b>Fusarium Head Blight Research</b>  |
| <b>FY02 ARS Award Amount:</b> | <b>\$ 32,780</b>  |

**Project**

| <b>Program Area</b> | <b>Project Title</b>   | <b>USWBSI Recommended Amount</b> |
|---------------------|--|----------------------------------|
| EC/HQ               | Improving research results by increasing information hosted on the Initiative's website. | \$33600                          |
|                     | <b>Total Amount Recommended</b>  | <b>\$33,600</b>                  |

\_\_\_\_\_  
Principal Investigator

\_\_\_\_\_  
Date

**Project 1: Improving research results by increasing information hosted on the Initiative's website.**

1. What major problem or issue is being resolved and how are you resolving it?

To make the most efficient use of Initiative resources, it is important for Initiative members to have access to current information regarding the Initiative. The Initiative's website ([www.scabusa.org](http://www.scabusa.org)) provides this information, including but not limited to research areas, news, annual forums, literature, and useful links. The site also includes a ColdFusion-based web-accessible database (the USWBSI database) which simplifies the process of querying and downloading the information.

The Initiative's web site is continuously update and maintained. The appearance, organization, and content of the site has improved significantly. In addition, the USWBSI database is being improved and expanded. The web site and database will hopefully be expanded to include information on the Initiative's research efforts, such as methods, results, and publications.

2. What were the most significant accomplishments?

Substantial improvements and optimizations have been made to the existing public and administrative ColdFusion applications of the USWBSI database. Additional applications providing enhanced functionality have been developed as needed.

Web applications to facilitate online forum registration and ordering of forum proceedings, as well as applications for administering the information have been developed and continuously improved.

Regarding system administration of the [scabusa.org](http://scabusa.org) server, various security software tools have been installed, configured and maintained in order to bring the Initiative's server into compliance with strict USDA/ARS computer security guidelines. The server software being employed (including HTTP, SMTP, POP, SSH) is continuously monitored and maintained. In addition, periodic backups are made of all critical Initiative data housed on the server. Utilities have been developed to facilitate and automate theses backups.

General improvements have been made to the appearance, organization, and content of the web site.

FY02 (approx. May 02 – April 03)

PI: Anderson, Olin

Grant: NA

FY02 Final Performance Report

Include below a list of the publications, presentations, peer-reviewed articles, and non-peer reviewed articles written about your work that resulted from all of the projects included in the grant. Please reference each item using an accepted journal format. If you need more space, continue the list on the next page.