

**USDA-ARS / USWBSI
FY04 Final Performance Report
July 15, 2005**

Cover Page

PI:	Olin Anderson
Institution:	USDA-ARS
Address:	Western Regional Research Center 800 Buchanan St. Albany, CA 94710
E-mail:	oanderson@pw.usda.gov
Phone:	510-559-5773
Fax:	510-559-5777
Year:	FY2004
FY04 ARS Agreement ID:	NA
FY04 ARS Agreement Title:	U.S. Wheat & Barley Scab Initiative's Website.
FY04 ARS Award Amount:	\$ 32,195

USWBSI Individual Project(s)

USWBSI Research Area*	Project Title	ARS Adjusted Award Amount
EC/HQ	U.S. Wheat & Barley Scab Initiative's Networking and Facilitation Office and Website.	\$ 32,195
	Total ARS Award Amount	\$ 32,195

Olin D. Anderson

7-15-05

Principal Investigator

Date

* BIO – Biotechnology
 CBC – Chemical & Biological Control
 EDM – Epidemiology & Disease Management
 FSTU – Food Safety, Toxicology, & Utilization
 GIE – Germplasm Introduction & Enhancement
 VDUN – Variety Development & Uniform Nurseries

Project 1: *U.S. Wheat & Barley Scab Initiative's Networking and Facilitation Office and Website.*

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

To best utilize Initiative resources, a website (www.scabusa.org) is maintained. This website provides a centralized location for Initiative members to access information, including but not limited to research areas, news, annual forums, literature, and useful links. The site includes a web-accessible database (the USWBSI database) that provides an easy to use interface for querying and downloading information. In addition a discussion board has been setup to provide a forum for members to discuss issues related to the Initiative.

The web site is continuously updated to provide better organization, features, and appearance. These improvements facilitate a more user-friendly and useful site as well as aid site maintenance and functionality.

2. What were the most significant accomplishments?

Additional database applications have been developed to facilitate and administer online registration, poster/paper submission, and ordering of forum proceedings. An automated credit card payment system is operating on the USWBSI server, using the Michigan State University WebCredit system.

The applications used for web site and database access were developed in a modular style that eases web site related improvements. This modular system continues to be improved and expanded into areas such as site maintenance and user interfaces. Additional improvements and optimizations have been made to the existing public and administrative applications of the USWBSI web site and to the database itself. Additional applications providing enhanced functionality are developed as needed.

The USWBSI server is continuously monitored for security-related patches and updates, which are installed in a timely manner. The system also has security monitoring software installed that alerts administrators of potential security threats. This is to maintain compliance with best practices as well as strict USDA/ARS computer security guidelines. Periodic remote backups are made of all critical Initiative data housed on the server. Utilities have been developed to facilitate and automate these backups.

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 you grant. Please reference each item using an accepted journal format. If you need more space, continue the list on the next page.

none.