

**U.S. Wheat and Barley Scab Initiative
Annual Progress Report
September 15, 1999**

Cover Page

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Year:	FY1999
Grant Number:	59-0790-9-075
Grant Title:	Fusarium Head Blight Research
Amount Granted:	\$29,268.00

Project

Program Area	Objective	Requested Amount
Food Safety, Toxicology, Utilization	Diagnostic services for DON.	\$30,000
	Requested Total	\$30,000¹

Principle Investigator

Date

¹ Note: The Requested Total and the Amount Granted are not equal.

Project 1: Diagnostic services for DON.

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

Not applicable.

2. Please provide a comparison of the actual accomplishments with the objectives established.

The objectives of this project are to provide mycotoxin analyses, especially for deoxynivalenol (DON), for breeding and pathology projects aimed at the development of wheat barley germplasm with improved resistance to Fusarium Head Blight.

In this year (from April 15 to September 14) a total of 820 samples from wheat and barley breeding projects and plant pathologists have been analyzed for DON and related mycotoxins. The samples included harvested grain and single kernels at different disease development stages.

3. What were the reasons established objectives were not met? If applicable.

4. What were the most significant accomplishments this past year?

Provided quick and reliable mycotoxin analysis services to Fusarium Head Blight researchers in Minnesota.

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.

None.