

**U.S. Wheat and Barley Scab Initiative  
Annual Progress Report  
September 18, 2000**

**William Nganje, North Dakota State University**

<b>FY2000 Grant Title</b>	<b>Economic Impact of Fusarium Head Blight in Wheat and Barley</b>
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<b>Year:</b>	<b>FY2000</b>
<b>Grant Number:</b>	<b>59-0790-0-075</b>
<b>Award Amount:</b>	<b>\$34,146.00</b>

**Project**

<b>Program Area</b>	<b>Objective</b>	<b>Requested Amount</b>
Economics	Estimate the Economic Impact of Fusarium Head Blight in Wheat and Barley.	\$35,000.00
	Requested Total	\$35,000 <sup>1</sup>

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

\_\_\_\_\_  
Date

<sup>1</sup> Note: The Requested Total and the Amount Granted are not Equal.  
(Form – PR1)

Year: 2000  
PI: William E. Nganje  
Grant: 59-0790-0-075

### **Project: Economic Impact of Fusarium Head Blight in Wheat and Barley**

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

The major problem that is being addressed in this project is to estimate the economic losses caused by Fusarium Head Blight (for 1991-1999) for U.S. wheat and barley producers. The problem is being resolved by estimating yield losses and quality-related price discounts by states and by region. Secondary impacts in wheat and barley producing states will also be considered.

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

We are in the final two months of the data collection process. All relevant models that will be used for the analysis are currently being developed and will be completed by the end of October. The full time graduate student on the project and a web page designer have began work to develop a web page for the economic impact of FHB on wheat and barley in the U.S. We are on target with our actual accomplishments and the objective established.

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

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

Recruiting of a graduate student to work on the project, hiring a web designer to work closely with the graduate student to design a web page for the economic impact of FHB, initiating data collection, and developing economic models.

### **Publications and Presentations**

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

No publications or presentations have been made to date. The work is still in the data collection and model-building phase.