

**U.S. Wheat and Barley Scab Initiative
 FY00 Final Performance Report (approx. May 00 – April 01)
 July 30, 2001**

Cover Page

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Year:	FY2000 (approx. May 00 – April 01)
Grant Number:	59-0790-0-075
Grant Title:	Fusarium Head Blight Research
2000 ARS Award Amount:	\$34,146

Project

Program Area	Project Title	Requested Amount
Executive Committee	Economic impact of FHB in wheat and barley.	\$50,000.00
	Requested Total	\$50,000.00¹

William Nganje 30/07/01
 Principal Investigator Date

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

Project 1: Economic impact of FHB 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 1998-2000) 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. What were the most significant accomplishments?

Primary and secondary economic impact on hard red spring wheat (HRS), durum wheat, soft red winter wheat (SRW), and barley (from 1998 through 2000) has been completed for all major wheat and barley producing states in the U.S. We are in the final stage of report writing.

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.

This project has generated two papers:

Nganje, W. Evange and Demcey D. Johnson. "Economic Impact of Scab on Barley: Blending Margins and Firm-Level Risks," *Second Review, Current Agricultural Food and Research Issues, An Electronic Journal*.

Nganje, E. Evange, Napoleon M. Tiapo, and William W. Wilson. "Crop Insurance Under Quality Uncertainty," *Selected Paper Presented at the Western Agricultural Economics Association, Logan, Utah. July 10, 2001.*