

**U.S. Wheat and Barley Scab Initiative  
 FY01 Final Performance Report (approx. May 01 – April 02)  
 July 15, 2002**

**Cover Page**

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<b>Year:</b>	<b>FY2001 (approx. May 01 – April 02)</b>
<b>Grant Number:</b>	<b>59-0790-9-039</b>
<b>Grant Title:</b>	<b>Fusarium Head Blight Research</b>
<b>FY01 ARS Award Amount:</b>	<b>\$ 6,815</b>

**Project**

<b>Program Area</b>	<b>Project Title</b>	<b>Requested Amount</b>
Chem/Bio	Fusarium Head Blight uniform fungicide trial in Maryland	\$ 6,000
	<b>Total Amount Requested</b>	<b>\$ 6,000</b>

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 Principal Investigator

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 Date

**Project 1: Fusarium Head Blight uniform fungicide trial in Maryland**

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

Fusarium head blight of wheat is a difficult disease to manage with currently available tools. Even when resistant varieties become widely available, due to the likelihood of incomplete resistance or preference for susceptible cultivars, no single management tool is expected to adequately keep a serious outbreak in check. Fungicides or biological agents have the potential to suppress disease development. This project examines the disease suppressiveness of currently registered and experimental fungicide and biological products. Due to the difficulty in obtaining consistent test conditions, a core set of treatments is tested in separate states as separate projects. Our component is conducted on soft red winter wheat in Maryland.

2. What were the most significant accomplishments?

Cold dry conditions during flowering through soft dough severely limited disease development in 2001. Even with supplemental irrigation and artificial inoculation no significant differences were detected this season between any of the treatments.

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PI: Grybauskas, Arvydas

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FY01 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.

No new publications in FY 2001 due to lack of results in this fiscal year.