

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

Cover Page

PI:	Yanhong Dong
Institution:	University of Minnesota
Address:	Dept. of Plant Pathology 495 Borlaug Hall St. Paul, MN 55108
Email:	dongx001@umn.edu
Phone:	612-625-2751
Fax:	612-625-9728
Year:	FY2001 (approx. May 01 – April 02)
Grant Number:	59-0790-9-075
Grant Title:	Fusarium Head Blight Research
FY01 ARS Award Amount:	\$ 68,142

Project

Program Area	Project Title	Requested Amount
Food Safety	Diagnostic Services for DON	\$ 70,000
		\$ 0
		\$ 0
		\$ 0
		\$ 0
	Total Amount Requested	\$ 70,000

Principal Investigator

Date

Project 1: Diagnostic Services for DON

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

The objective of this project is to provide mycotoxin analysis services, especially for deoxynivalenol (DON), for *Fusarium* Head Blight (scab) research projects conducted mainly in Minnesota, including projects from several departments and experiment stations of the University of Minnesota and the USDA Cereal Disease Laboratory.

From 05/01/2001 to 04/02/2002, the project analyzed 7,259 samples submitted by 11 scab research projects for DON and other related mycotoxins including 15Ac-DON, 3Ac-DON and nivalenol. Sample types included bulk wheat and barley as well as single head, single spikelet, single kernel and small plant fragment.

2. What were the most significant accomplishments?

Analyzed 7,259 samples.

FY01 (approx. May 01 – April 02)

PI: Xie, Weiping

Grant: 59-0790-9-075

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.