

**PI: Carol Ishimaru**

**PI's E-mail: [cishimar@umn.edu](mailto:cishimar@umn.edu)**

**Project ID: FY09-FB-042**

**FY09 ARS Agreement #: 59-0790-8-070**

**Research Category: MGMT**

**Duration of Award: 1 Year**

**Project Title: 2010 Uniform Fungicide Trial on Spring Wheat in Minnesota.**

## **PROJECT 2 ABSTRACT**

(1 Page Limit)

This research project is part of an organized, multi-state cooperative effort designed to determine the potential for Fusarium head blight (FHB) control efficacies of experimental and unregistered fungicide products on multiple wheat classes and barley across diverse environments. Uniform fungicide trials are needed to identify those compounds that can manage disease development and preserve crop yield and quality potentials.

A uniform fungicide trial will be conducted on hard red spring wheat at the Northwest Research and Outreach Center in Crookston, located in northwest Minnesota. The test will be inoculated with corn grain inoculum infested with *Fusarium graminearum* and misted to increase FHB disease pressure prior to and during the plant heading growth stage. Leaf and FHB disease symptoms will be recorded, as well as grain yield and quality data.