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**Project ID: FY11-UT-002**

**FY10 ARS Agreement #: 59-0206-9-088**

**Research Category: MGMT**

**Duration of Award: 1 Year**

**Project Title: Uniform Fungicide Trials for FHB in Wisconsin.**

## **PROJECT 2 ABSTRACT**

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Wisconsin will participate for the first time in the coordinated project for the Uniform Fungicide Trials for Fusarium head blight (FHB) of wheat. This trial will be at the We will establish a new Arlington Agricultural Research Station, Arlington, WI that was previously cropped to corn. A commercial wheat variety (P25R47) will be used in this trial, based on reaction to FHB in previously conducted trials. The experimental design will be a randomized completed block with four replications. We plan to test eight treatments in this trial. Fungicide applications will be made based on the proposed recommendations for these trials and data collection will include measures of FHB (incidence, severity, and index) at soft dough, yield, test weight, and grain moisture. Samples will also be submitted for DON to one of the USWBSI-affiliated laboratories. We plan to develop Extension materials and deliver results to stakeholders using mixed methods, including three web-based delivery systems (Field Crops Plant Pathology, Soybean and Small Grains Agronomy, and The Soy Report blog), as well as through our Wisconsin Crop Manager news article and during winter meetings. For this latter aspect, we have developed and conducted a winter wheat workshop for the past two years and will integrate new information from these trials into that program.