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ARS Agreement #: 59-0206-9-082

Research Category: MGMT

Duration of Award: 1 Year

Project Title: Evaluation of Fungicides for Efficacy against FHB of Wheat in Arkansas.

PROJECT 2 ABSTRACT

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This project is part of the Uniform Fungicide Trial across states to identify new fungicides with greater efficacy against FHB than existing fungicides, to determine the optimal application window for fungicides, and to quantify the effects of strobilurin fungicides on mycotoxin levels in grain. The outcome of this research will provide data for choosing fungicides and application timings to maximize efficacy against FHB and mycotoxins in grain. The project in Arkansas is unique in that it is the only project within the Uniform Fungicide Trial to evaluate fungicides against nivalenol-producing isolates of the pathogen which are common in southcentral United States.