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**Research Category: MGMT/IM-CP**

**Duration of Award: 1 Year**

**Project Title: Management of Fusarium Head Blight of Wheat in Maryland - Uniform Integrated Management Trial Component.**

## **PROJECT 2 ABSTRACT**

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Trials will be conducted in multiple states and wheat classes to test the efficacy of combining tactics into an integrated management program for Fusarium head blight of wheat. The Maryland trial will be conducted in the soft red winter wheat (SRWW) production region of the Eastern / mid-Atlantic production region. Six adapted SRWW cultivars representing the range of available resistance to the disease will be grown with and without the best available fungicide treatment to determine if the combination of individually moderately effective tactics produces a more effective management of the disease. A total of four trials will be conducted in 2 locations following 2 different rotation schemes to provide a range of disease risk situations representative of production practices in the region.