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Research Category: MGMT/FB-CP

Duration of Award: 1 Year

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

PROJECT 1 ABSTRACT

(1 Page Limit)

This project will examine the effectiveness of an agreed standard set of fungicides on suppression of Fusarium head blight disease, and on accumulation of the disease-associated mycotoxin, deoxynivalenol (DON), in various environments and wheat classes. The Maryland trials are being conducted on soft red winter wheat in the Eastern / mid-Atlantic production region. The Maryland contribution to the uniform fungicide trial component of the FHB management coordinated project includes the examination of several additional combinations and products beyond the standard set and will also examine the effect of delayed applications of several best performing products on DON accumulation. All commercial applications of fungicides are unlikely to be applied at the initiation of flowering and therefore it is important to determine the effective application window.