

0203-SH-035 Uniform Fungicide Trials for Control of Fusarium Head Blight.

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PROJECT ABSTRACT

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Fusarium head blight has been a devastating disease in many wheat-producing regions of North America. No one approach to management of *Fusarium* head blight has been effective, and it appears that successful management will result from a combination of several management practices: crop rotation, host resistance, and chemical or biological control. Because of the inconsistency of performance of many fungicides in the field, a uniform trial was organized. Workers in several states in the Corn Belt and upper Midwest will apply the same set of treatments to locally adapted cultivars of wheat or barley. This project is part of that cooperative effort. In addition to the core set of treatments, agreed to by participants during the annual Scab Forum, additional treatments will be applied at flag leaf emergence and possibly other growth stages, to evaluate treatments for control of foliar diseases. Efficacy of treatments will be judged by intensity of symptoms in the field, grain yield, test weight, kernel weight, incidence of scabby kernels, and DON levels.