

PI: Herbert Ohm

PI's E-mail: hohm@purdue.edu

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Research Category: VDHR-NWW

Duration of Award: 1 Year

Project Title: Coordinated Evaluation and Utilization of Marker Assisted Selection.

PROJECT 4 ABSTRACT

(1 Page Limit)

The 70 parent advanced lines, 10 from each of the 7 collaborating regional programs, plus 100 RI Purdue lines derived from one or more of the 10 Purdue parental lines, will be grown at Lafayette, IN a second season in 2012; seeded in disced corn residue, in a misted nursery. The study will consist of 2 replications in a RCBD, and plots will be single rows 1m long. The 70 lines will be characterized for FHB incidence, severity, index, FDK and a representative grain sample will be submitted for DON analysis.