

## **SOYBEAN PROJECT SUMMARY – Funded 2007**

### **Evaluation of Fungicides for Control of Asian Soybean Rust**

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The objectives of this project were to evaluate new fungicide treatments for the control of Asian soybean rust in Alabama, and to investigate causes and remedies for the delayed greening effect often noted with use of strobiluron fungicides on soybeans. Fungicide trials at the Gulf Coast REC resulted in yield increases of 10 to 31 bu/A for various treatments in 2007, compared to untreated plots. All registered treatments tested were effective in reducing rust incidence and yield loss compared to untreated plots, although some were more effective than others. Other locations had few effects from rust or other foliar diseases, due to drought conditions. In 2007, no significant differences were recorded between strobiluron fungicide timing treatments for greening, yield or 100-seed weights at any of the three locations in central and north Alabama. In contrast to 2006, Desiccation treatments increased yield at only one location in 2007, by 5.2 bu/A at EVS Field Crops Unit.