

## **Project Summary**

### **Field Evaluation of Treatments for Reniform Nematode Control in Cotton**

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Nine on-farm nematicide studies were conducted in north and central Alabama in 2005. Treatments were: 1) Temik 15G applied in furrow at planting, 2) Cruiser treated seed, and 3) Avicta treated seed. All treatments were replicated three times in plots that were four to twelve rows wide and at least 1,000 feet long. Nematode samples were taken preplant, at planting, in June, July and at harvest. Yield was determined by weighing seed cotton from each plot in a boll buggy. Preplant nematode sampling was found to be unpredictable in predicting reniform population at planting or during the season. Temik and Avicta treatments averaged 4.7 and 6.6 percent higher cotton yield compared to the Cruiser check across the nine studies.