

Summary "On-Farm Field Trials to Test the Effectiveness of Seed Nematacides For Managing Reniform and Root -Knot Nematodes on Cotton in Alabama(2007)  
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Seed from the same lot was treated by the respective companies with the commercial available insecticide, fungicide and nematacide for planting the replicated trials in cotton fields sampling high for reniform or root- knot nematodes. An independent laboratory examined the seed for the proper stated content and found the treatments proper.

Root knot replicated trials were planted in Barbour (Birdsong/Dillard), Macon (2) (Kuykendall/Clary) and Tuscaloosa (Griffith). Reniform trials were planted in Lawrence (Potter/Reed) and Elmore (3) (Kuykendall) Counties totaling 8 tests. The Tuscaloosa trial was not harvested due to extreme drought. One of the Macon County trials was harvested, but due to scale malfunction, the yields will not be reported. Three trials had yields at or less than one bale per acre with little difference between the nematacide treatments and the untreated check(UTC). Three trials with yields above 750 lbs did show a significant yield increase from the nematacide treatments over the UTC with the Seed Treatments Aeris and Avicta out yielding Temik in 2 of the 3 reported trials.