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Georgia Peanut Commission,

The Burke County Extension Office is thankful of your continued support of our programs and the research that is conducted to further the success of peanut producers, not only in Burke County but also in the entire state.

This year the \$575 received from the Georgia Peanut Commission was used for research on peanuts in cover crops. The primary use of the funds was seed and fungicide. The issue we were looking at is that the public has a thought that there is a heavier disease presence in cover cropped land than conventional. To test this, the already standing Long Term Cover Crop Trial was planted in peanuts (06G) which includes three different cover crop systems and a conventional system. All systems were treated with the generic fungicide spray schedule using tebuconazole and chlorothalonil.

This trial was overlayed with many other research trials in cover crops and when weather caused missed fungicide applications, disease pressure spiked in all the treatment systems in the trial. This led us to make the decision to go ahead with a non-generic fungicide application. Because of this, we did not rate it for disease pressure as intended. When the rotation brings us back to peanuts, we will look at disease pressure in cover crops again.

Even though our disease trial didn't go as planned this year. We still managed to get some great data about peanuts planted into cover crops. We took data on nematodes, soil bulk density, yield data, and biomass of the cover crop. All of which is coming together to make some interesting data.

This is an ongoing trial and has been in place since 2017. We will continue to advance the research here in this trial. We appreciate your support and will be glad to answer any questions you may have.

Sincerely,

A handwritten signature in black ink that reads "Cliff Collins".

Cliff Collins
Burke County