

MINUTES FROM THE 2009 DISEASE COUNCIL AT THE BELTWIDE COTTON CONFERENCE

The meeting began at 4:47 on 7 Jan., 2009. The first order of business was to announce the winners of the graduate student competition. The first place winner was Nicholas S. Sekora, from Auburn University who presented the paper "Delineating mixed populations of *Rotylenchulus reniformis* and *Meloidogyne incognita* with FAME analysis", which was coauthored by Kathy K. Lawrence, Edzard van Santen, and John A. McInroy. Second place was won by Juan D. Castillo from Auburn University, who presented the paper "Antagonistic potential of *Arthrobotrys dactyloides*, *Dactylaria brochopaga*, *Fusarium oxysporum*, and *Paecilomyces lilacinum* for population reduction of the reniform nematode, *Rotylenchulus reniformis*", which was coauthored by Kathy Lawrence. Third place was won by Scott R. Moore from Auburn University, who presented the paper "*Rotylenchulus reniformis* dispersal patterns and population fluctuations in a soil profile and potential influence of rainfall". Coauthors were K. S. Lawrence, C. H. Burmester, F. Arriaga, and E van Santen. Bayer Crop Sciences (represented by Chip Graham) agreed to purchase the plaques for the graduate students.

The minutes from the 2008 meeting were brought up next, but the council agreed to accept the minutes without reading (suggested and seconded by Charles Overstreet and Terry Kirkpatrick). The third order of business was to thank Boyd Padget for the excellent symposium of foliar pathogens of cotton. It was noted that the room was filled to capacity. The fourth order of business was to remind the council to upload their papers within 1 week (16 Jan.). The next order of business was the Disease Loss report presented by Don Blasingame. He mentioned that nematode damage represented about 50% of the overall losses, and that seedling disease was low in 2008 and that leaf spots were higher than normal. The next report was from the Seedling Disease report given by Craig Rothrock. There was a significant treatment affect in 6 of 14 sites which is a relatively low response rate compared with most years. The group discussed whether they should have a new check besides Vitavax-PCNB + Allegiance FL. The combination of RTU Baytan-Thiram + Allegiance FL was proposed as a more relevant check. There was general agreement that it was a good choice. The new list of seed treatments was presented, with 13 entries. The number of entries was reduced from previous years. Bob Kemerait commented on the importance of getting something more tangible for the work. Craig Rothrock responded that prices went up last year and the result was fewer entries. Craig Rothrock indicated that he would work on a publication, which was acceptable to collaborators that were in the room. Chip Graham from Bayer Crop Sciences mentioned the benefits that they receive from the data with respect to new combinations of products. Deltapine 161B2RF was the proposed cultivar for 2009 with the insecticide Cruiser applied to the seed. In the previous years' meeting, Bob Kemerait was going to work on getting a consensus for nematode damage thresholds. He did investigate what various researchers recommend, but was unable to get agreement on how to proceed.

New Business: The council discussed a resolution that had been presented by the entomologists in their meeting about making the proceedings for the Beltwide available on the internet. Issues that were discussed by the disease council included

- 1) Is money an issue?
- 2) Should verbal presentations be open access (the council agreed no on this issue).
- 3) Would it lead to loss of attendance (probably not)
- 4) Most multi year studies go in other Journals and not in the Beltwide. It tends to represent new studies, that should be made public.
- 5) Boyd Padget discussed the types of systems that are available already that make it easier to upload the manuscripts.

Kathy Lawrence will be stepping down as president after this year's meeting is finished (including editing papers) and Terry Wheeler, the current secretary will become president. Bob Kemerait was put forth as the new secretary (Charlie Overstreet made the suggestion and Al Bell seconded it).

Three suggestions were made for symposiums for the 2010 meeting. The following was agreed on:

- 1) to have a workshop on 5 Jan. in the afternoon on the effects that crop rotation have on cotton pathogens. Gabe Sciumbato will organize this workshop.
- 2) To have a joint symposium with Entomology on 6 Jan. in the morning related to insect/pathogens that damage bolls. Gino Medrano will be organizing the symposium.
- 3) To have a symposium on Fusarium wilt on 6 Jan. in the afternoon organized by Jiggao Liu.

The meeting was adjourned.

Respectively submitted
Terry Wheeler