Welcome

- Fourth National Soybean Rust Symposium
- Development of one of the best integrated multi-institutional & international efforts ever
- USB, NCSRP and state commodity boards
- Training and Education –
- Research – collaborations, Universities and Agencies
First: It’s Manageable

- Fungicides are effective
- Key is well timed application
- Numerous resources to track the movement of this pathogen

Fungicide trials from Univ. Florida, Quincy
Courtesy, Jim Marois
Why slow build-up during 2007
All Rust Epidemics Were Not Equal…. 

Bob Kemerait, Univ. of Georgia - 2005
170 Publications since November 2004

- Choi, J.J. et al., 2008. Expression patterns in soybean resistant to *Phakopsora pachyrhizi* reveal the importance of peroxidases and lipoxygenases. Functional and integrative genomics 8:341-359


- Scherm et al. 2009, Crop Protection 28:774-782 “… whereas presence of any disease at the first application had a negative effect on R"Y (syn. Yield), even when disease pressure was low” – meta analysis of 71 uniform fungicide trials in Brazil
• 63 peer reviewed articles
  – *Phytopathology, Plant Disease, MPMI*
• [http://apsjournals.apsnet.org/](http://apsjournals.apsnet.org/)
• Open access – 2 years or older
Mississippi Has First Loss to Soybean Rust

Source: Mississippi State University Press Release.
www.cals.msstate.edu

Mississippi State, Mississippi (September 11, 2009)--A Noxubee County soybean field severely infected with soybean rust will represent the state's first yield losses to the disease that has been present in the state since November 2004.
More challenges to come...

- RIFs
- Retirements
- Burn-out
- Graduations
THANK YOU!!

- Louisiana State University
- Florida State University
- University of Georgia
- Auburn University
- Mississippi State University
- Texas A&M

E. Sikora - Auburn

SBR-infected kudzu, Mobile, Alabama, 1-8-07