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- NC-137 Soybean Pathology Committee
- NC-504/NCT-202 Soybean Rust Committee
- Plant Management Network
- Southern Soybean Disease Workers
Welcome to the National Soybean Rust Symposium
We are pleased to have such a breadth of expertise from the attendees participating in this first of its kind National Soybean Rust Symposium. Special thanks to all of our sponsors and partners who helped make this program possible. The next couple of days will offer the best research and latest information on soybean rust acquired during North America’s first crop season with the disease. Your insights during the breakout sessions will be key to identifying priorities on how best to respond to soybean rust in 2006 and beyond. We trust this will be a valuable experience. Thank you for your participation!

Gary Bergstrom, Cornell University, National Soybean Rust Symposium Coordinator

National Soybean Rust Symposium Technical Program Committee
Anne Dorrance, Ohio State University, chair
Craig Grau, University of Wisconsin
Glen Hartman, USDA ARS
Roger Magarey, USDA APHIS PPQ CPHST
Brian Olson, Dow AgroSciences LLC
John Rupe, University of Arkansas

National Soybean Rust Symposium Program

Monday, November 14
5:00 PM Registration Opens / Ballroom Foyer
6:00 PM Poster Set-up / Center Ballroom
8:00 PM Poster Viewing / Center Ballroom, refreshments and appetizers; sponsored by
10:00 PM Poster Viewing Closes

Tuesday, November 15, 2005
6:30 AM Registration / Ballroom Foyer
6:30 AM Continental Breakfast and Poster Viewing / Center Ballroom; sponsored by
8:00 AM Introduction: Purpose of Symposium / East Ballroom
Gary Bergstrom, Cornell University
8:10 AM Welcome / East Ballroom
Merle Pierson, USDA Deputy Undersecretary for Research, Education and Economics
8:20 AM Session One: Detection, Prediction and Diagnostics for Soybean Rust / East Ballroom
What and How Well Did They Work in 2005?
Craig Grau, University of Wisconsin - Session Coordinator/Moderator
2005 Overview of Sentinel Plot Program and Coordination
Don Hershman, University of Kentucky
Loren Giesler, University of Nebraska
Update on Sources of Offshore Inoculum
Jose Hernandez, USDA ARS
Performance of Disease Prediction Systems
Scott Isard, Penn State University
Zaitao Pan, St. Louis University
Thomas Keever, North Carolina State University
Open Discussion/Q&A
10:00 AM Break; sponsored by Dow AgroSciences

10:15 AM Comparison of Detection Methods (Regional Diagnostic Labs) / East Ballroom
John Rupe, University of Arkansas - Session Coordinator/Moderator
PCR, Detection Times Compared to ELISA
Phil Harmon, University of Florida SPDN
QualiPlate Kit for Soybean Rust
Murali Bandla, Envirologix, Inc.
Spore Sampling
Les Szabo, USDA ARS
Erick De Wolf, Penn State University
John Rupe, University of Arkansas
Open Discussion/Q&A

11:45 PM LUNCH (Poster Viewing) / Center Ballroom; sponsored by

Administrative Sponsors

APHIS
USDA ARS
SIPCAM AGRO USA, INC.
1:00 PM  **Breakout Session One**  
Groups will address surveillance activities (including sentinel plots), diagnostics, information management, prediction and coordination. *Your breakout is denoted on your badge by a color dot.*  
- Light Blue • Breakout / East Ballroom / Facilitator-XB Yang, Recorder-Laura Sweets  
- Red • Breakout / Music City Ballroom (Level 2) / Facilitator-Edward Sikora, Recorder- Alison Robertson  
- Green • Breakout / Fisk One (Level 2) / Facilitator-Robert Mulrooney, Recorder-Dean Malvick  
- Yellow • Breakout / Fisk Two (Level 2) / Facilitator-Clayton Hollier, Recorder-James Kurle  
- Orange • Breakout / Ryman Two (Level 3) / Facilitator-James English, Recorder-Arv Grybauskas  
- Dark Blue • Breakout / Bluegrass (Level 4) / Facilitator-Jason Bond, Recorder-Carl Bradley

2:00 PM  **Session Two: Soybean Rust Management - Fungicides** / East Ballroom  
*Brian Olson, Dow AgroSciences LLC - Session Coordinator/Moderator*  
**Latest Results of Fungicide & Biocontrol Testing – Data from Industry**  
John Pawlak, Valent USA Corp.  
Marty Wiglesworth, Syngenta Crop Protection  
James Whitehead, Makhteshim-Agan of North America, Inc.  
John French, Sipcam Agro USA, Inc.  
Alberto Marçon, DuPont Ag and Nutrition  
**Latest Results of Fungicide & Biocontrol Testing – Data from Industry (continued)**  
Brian Olson, Dow AgroSciences, LLC  
Robert Noon, Cheminova  
James Bloomberg, Bayer CropScience  
Ted Bardinelli, BASF Corp.  
Brett Highland, AgraQuest, Inc.  
**Open Discussion/Q&A**

3:00 PM  Break; sponsored by  
**CHEMINOVA**

3:15 PM  **Latest Results of Fungicide & Biocontrol Testing – Data from Industry (continued)**  
Brian Olson, Dow AgroSciences, LLC  
Robert Noon, Cheminova  
James Bloomberg, Bayer CropScience  
Ted Bardinelli, BASF Corp.  
Brett Highland, AgraQuest, Inc.  
**Open Discussion/Q&A**

4:15 PM  Break

4:30 PM  **Session Two Continued: Soybean Rust Management - Fungicides** / East Ballroom  
*Don Hershman, University of Kentucky - Session Coordinator/Moderator*  
**Summaries of University Fungicide Efficacy Trials**  
North – Marty Draper, South Dakota State University  
South – Bob Kemerait, University of Georgia  
**Fungicide Application Technology**  
Results from US Trials – Monte Miles, USDA ARS  
Aerial Application Strategies for Soybean Rust Control – Ulisses Antuniassi, Sao Paulo State University, Brazil  
**Open Discussion/Q&A**

6:30 PM  **Reception, Sponsor Table Top Displays and Poster Viewing** / Center Ballroom  
Authors present at posters (6:30-7:00PM) / Dinner on your own

**Wednesday, November 16**

6:30 AM  Continental Breakfast and Poster Viewing / Center Ballroom; sponsored by  
8:00 AM  **Session Two Continued: Soybean Rust Management** / East Ballroom  
*Anne Dorrance, Ohio State University - Session Coordinator/Moderator*  
**How to Characterize Rust Strains - Genome Sequencing, Differentials**  
Reid Fredrick, USDA ARS FDWSRU  
**Epidemiological and Host Range Studies**  
Mo Bonde, USDA ARS FDWSRU  
**Update on Sources of Host Resistance**  
Monte Miles, USDA ARS

8:45 AM  **Breakout Session Two**  
Groups will discuss strategic research needs by topic area. *Self-select your breakout by area of interest:*
  - Fungicide Trials: North / East Ballroom / Facilitator-James Kurle, Recorder-Loren Giesler  
  - Fungicide Trials: South / Center Ballroom / Facilitator-Jim Marois, Recorder-Don Hershman  
  - Application Technology / Music City Ballroom (Level 2) / Facilitator-Monte Miles, Recorder-Marty Draper  
  - Germplasm Enhancement / Fisk One (Level 2) / Facilitator-Erik Stromberg, Recorder-Craig Grau  
  - Pathogen Biology / Fisk Two (Level 2) / Facilitator-Reid Fredrick, Recorder-James English
9:45 AM  Break; sponsored by

10:00 AM  **Session Three: Looking Towards 2006 / East Ballroom**

*Marty Draper, South Dakota State University - Session Coordinator/Moderator*

**The Rust Challenge to the Soybean Producers and CCAs**

*The Southern Perspective*
Billy Wayne Sellers, Baxley, Georgia
Jim Dunphy, North Carolina State University

*The Northern Perspective*
Jim Sallstrom, United Soybean Board Production Committee Chair
Steve Dlugosz, Past Chairman of Certified Crop Advisor's Program

**Update on Policy Issues**
Allen Jennings – USDA ARS, National Plant Disease Recovery Program

**Crop Insurance**
Heyward Baker, USDA, Risk Management Agency

**EPA – Status of Section 18s, Will There Be More?**
Lois Rossi, Environmental Protection Agency

**Perspective of the Economic Research Service**
David Schimmelpfennig, USDA ERS

Open Discussion/Q&A

11:30 AM  **Report from Breakout Session One: Lessons Learned / East Ballroom**
Roger Magarey, USDA APHIS PPQ CPHST

Open Discussion/Q&A

12:00 AM  **Report from Breakout Session Two: Strategic Research Review / East Ballroom**
Glen Hartman, USDA ARS

Open Discussion/Q&A

12:30 PM  LUNCH (Poster Viewing) / Center Ballroom; sponsored by

1:30 PM  **Session Three Continued: Looking Towards 2006 / East Ballroom**

*Gary Bergstrom, Cornell University - Session Coordinator/Moderator*

**USDA Transition Plan and Strategic Research Planning**
Matt Royer, USDA APHIS PPQ
Bill Hoffman, USDA CSREES
Rick Bennett, USDA ARS

Open Discussion/Q&A

2:15 PM  **Breakout Session Three**
Groups will come up with a ranked list of recommendations, specific to their topic area, for 2006 and beyond. **Self-select your breakout by area of interest:**
- Diagnostics / East Ballroom / Facilitator-Karen Snover-Clift, Recorder-Layla Sconyers
- Prediction/Detection Systems / Center Ballroom / Facilitator-Erick De Wolf, Recorder-Julie Golod
- Mgmt-Fungicides & Biocontrols / Fisk One (Level 2) / Facilitator-Bob Kemerait, Recorder-Mel Newman
- Pathogen Biology / Fisk Two (Level 2) / Facilitator-Mo Bonde, Recorder-John Rupe
- Germplasm Enhancement / Music City Ballroom (Level 2) / Facilitator-Greg Shaner, Recorder-Dechun Wang
- Policy/Insurance / Ryman One (Level 3) / Facilitator-Marty Draper, Recorder-Ed Ready

3:15 PM  **Report from Breakout Session Three / East Ballroom**
Group Facilitators

Open Discussion/Q&A

4:00 PM  Symposium Adjourns

**Symposium Proceedings**
Proceedings of the National Soybean Rust Symposium presentations and posters will be hosted shortly after the meeting by the PLANT MANAGEMENT NETWORK in the publicly available Soybean Rust Info Center at [www.plantmanagementnetwork.org/infocenter/topic/soybeanrust](http://www.plantmanagementnetwork.org/infocenter/topic/soybeanrust)

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