2009 National Soybean Rust Symposium

PROGRAM

December 9 – 11, 2009
Astor Crowne Plaza Hotel • New Orleans, Louisiana

Presented by

APL

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Welcome to the 2009 National Soybean Rust Symposium and Historic New Orleans!

Here, in this little corner of the American South, where European traditions blend with Caribbean influences, the history is as colorful as the local architecture; the food, especially the gumbo, is the stuff of legend. This majestic city is also just a mere 80 miles from where Asian soybean rust was first confirmed in the continental United States.

From “Best Management Practices” with fungicides to cloning the Rpp4 gene, U.S. scientists have discovered much, in just five years, about a once feared invasive pathogen. Much of this work will be highlighted at this historic event. We hope you enjoy the symposium as much as we have enjoyed bringing it to you.

A special Louisiana style thank you goes out to all the sponsors of this year’s symposium; many of which have been sponsors since our first gathering in 2005. This symposium would not be possible without your dedicated support.

Enjoy the symposium. And while you’re here…enjoy New Orleans!

Anne Dorrance, Ohio State University, 2009 National Soybean Rust Symposium Chair
David Wright, Iowa Soybean Association, Technical Program Committee Chair

2009 National Soybean Rust Symposium Program

Note: Posters will be on display Wednesday – Thursday in Grand Ballroom A - C. See the enclosed abstract booklet for details.

Wednesday, December 9, 2009

1:00 – 8:00 p.m.  Registration  Grand Gallery
3:00 – 6:00 p.m.  Opening General Session  Grand Ballroom D
   Moderator: Anne Dorrance
   3:00 p.m. Welcome and Introductions  Grand Ballroom D
   Anne Dorrance, Ohio State University
   3:15 p.m. Status of Soybean Rust in the Midsouthern United States  Grand Ballroom D
   Tom Allen, Mississippi State University
   3:45 p.m. Status of Soybean Rust in Brazil  Grand Ballroom D
   Dr. Francisco Xavier Ribeiro do Vale (Chico), Federal University of Viçosa
   4:15 p.m. Integration of Foliar Fungicides into Soybean Rust Management Programs in the United States  Grand Ballroom D
   Ed Sikora, Auburn University
   4:45 p.m. Light Penetration into the Soybean Canopy and Its Influence on Soybean Rust Infection  Grand Ballroom D
   Jim Marois, University of Florida
   5:15 p.m. Changes in 2010 Sentinel Plot System  Grand Ballroom D
   Don Hershman, University of Kentucky
   5:45 p.m. Discussion  Grand Ballroom D

5:00 – 6:30 p.m.  Poster Set-Up and Sponsor Set-Up  Grand Ballroom A - C
6:00 – 8:00 p.m.  Dinner Break (on your own)  Grand Ballroom A - C
8:00 – 10:00 p.m.  Dessert Reception with Poster Viewing and Sponsor Displays  Grand Ballroom A - C

Thursday, December 10, 2009

7:00 – 8:00 a.m.  Hot Buffet Breakfast  Grand Ballroom A - C
7:30 – 3:00 p.m.  Registration  Grand Gallery
8:00 a.m. – 12:00 p.m.  General Session - Major Achievements in Rust Research  Grand Ballroom D
   Moderator: David Wright
   8:00 a.m. Welcome and Introduction  Grand Ballroom D
   David Wright, Iowa Soybean Association
   8:40 a.m. Latent Infection, Fungicide Efficacy and the Need for Predictive Models  Grand Ballroom D
   Ray Schneider, Louisiana State University
   9:00 a.m. Advances in Predictive Modeling  Grand Ballroom D
   Scott Isard, Pennsylvania State University
   9:40 a.m. Cloning, Mapping and Identification of Rpp Genes  Grand Ballroom D
   Michelle Graham, USDA-ARS
10:10 – 10:30 a.m.  Break  
Moderator: Daren Mueller  
Grand Gallery

10:30 a.m.  Genetic Diversity in Kudzu  
Phil Harmon, University of Florida

11:00 a.m.  Asian Soybean Rust: Stealth Fighter and Battering Ram  
Steve Whitham, Iowa State University

11:30 a.m.  Advances in Monoclonal Antibody Development  
Doug Luster, USDA-ARS

12:00 – 2:30 p.m.  Buffet Lunch with Poster Viewing and Sponsor Displays  
Grand Ballroom A - C

Authors present at posters from 1:15 – 2:15 p.m.

2:30 – 6:00 p.m.  General Session - Challenges to Managing Soybean Rust  
Moderator: Leonor Leandro

2:30 p.m.  Challenges with Single Gene Resistance  
Chris Mundt, Oregon State University

3:00 p.m.  Use and Deployment of Rpp Genes  
Chris Mundt, Oregon State University

3:30 p.m.  Changes in Performance of Soybean Rust Fungicides Over Years and New Management Strategies Adopted in Brazil  
Claudia Godoy, EMBRAPA

4:00 p.m.  Rust Phylogenetics  
Cathy Aime, Louisiana State University

4:30 p.m.  Genetic Diversity and Phylogeny of Asian Soybean Rust Isolates within the U.S. and Abroad  
Xuecheng Zhang, University of Missouri

5:00 p.m.  Identification and Development of Soybean Rust-resistant Germplasm  
David Walker, USDA-ARS

5:30 p.m.  Discussion

3:00 – 7:00 p.m.  Poster and Sponsor Take-Down  
Grand Ballroom A - C

6:00 p.m.  Dinner (on your own) and Free Evening  
Toulouse B Room

Friday, December 11, 2009

7:00 – 8:00 a.m.  Hot Buffet Breakfast  
Grand Ballroom A - C

7:30 – 10:45 a.m.  Registration  
Grand Gallery

8:00 a.m. – 12:10 p.m.  General Session – Advances in Soybean Rust Modeling  
Moderator: Saratha Kumudini

8:00 a.m.  Tales from the Kudzu Patch  
Ed Sikora, Auburn University

8:20 a.m.  Wheat Rust/Soybean Rust Similarities  
Eric DeWolf, Kansas State University

8:40 a.m.  Strategic Positioning of Sentinel Plots  
Karen Garrett, Kansas State University

9:00 a.m.  Strategic Positioning of Sentinel Plots  
Scott Isard, Pennsylvania State University

9:20 a.m.  Evaluating the Wisdom of Monitoring Networks for Invasive Species: The Case of Soybean Rust  
Stephen Aultman, University of Minnesota

9:40 a.m.  The “New” Disease in Texas after Four Years: Where It’s Going  
Tom Isakeit, Texas A&M University

10:00 a.m.  Break with Question & Answer Time  
Moderator: Kevin Black  
Grand Gallery

10:30 a.m.  A Model for Predicting Soybean Rust Induced Yield Loss  
Saratha Kumudini, University of Kentucky

11:00 a.m.  Alternative Methods to Manage Soybean Rust  
David Wright, University of Florida

11:30 a.m.  Question & Answer Time and Discussion

12:00 p.m.  Closing Remarks

Please Note: The sessions for this program are subject to change. The National Soybean Rust Symposium Technical Committee reserves the right to adjust sessions to best reflect current conditions up to the start of the meeting.
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