

2007 National Soybean Rust Symposium

Presented by APS in cooperation with related organizations

Program

Administrative Sponsors

Wednesday, December 12, 2007

- 5:00 PM Registration Opens
6:00 PM Poster Set-up
8:00 PM Poster Viewing / Reception, sponsored by
10:00 PM Poster Viewing Closes



Thursday, December 13, 2007

- 6:30 AM Registration Opens
6:30 AM Continental Breakfast and Poster Viewing, sponsored by
8:00 AM **Welcome, Introductions, Purpose and History**
Raymond Schneider, Louisiana State University



- 8:05 AM **Keynote Address**
Eldon Gould, USDA-RMA
8:20 AM **General Session: Soybean Rust in 2007**

- **Overview of Soybean Rust in North America**
Carl Bradley, University of Illinois
- **Overview of Soybean Rust in Argentina**
Dardo Escobar, Secretary of Agriculture, Livestock, Fish & Food
- **Overview of Soybean Rust and Cropping Systems in Mexico**
Barrera Farias, Centro Nacional de Referencia Fitosanitaria
- **Open Discussion/Q&A**

- 10:00 AM Break, sponsored by



- 10:20 AM **General Session: Disease Control**
- **Fungicides and Their Time of Application for Control of Soybean Rust**
Tristan Mueller, University of Florida
 - **Fungicide Application Technology**
Richard Derksen, USDA-ARS
 - **Fundamental Aspects of Development of Resistance to Fungicides**
Eric Tedford, Syngenta Crop Protection
 - **Management of Fungicide Resistance: A Case Study**
Gary Secor, North Dakota State University
 - **Open Discussion/Q&A**

- 12:00 PM Lunch / Poster Viewing, sponsored by



- 1:15 PM **General Session: Advances in Biology of the Pathogen**
- **Adhesion and Rainfall Washoff of Urediniospores on Soybean Leaves**
N. S. Dufault, The Pennsylvania State University
Maria C. Velez-Climent, The Pennsylvania State University
 - **Spread of Soybean Rust Within a Field – What Happens After the Spores Arrive**
Dario Narvaez, University of Florida
 - **Winter Survival of *Phakopsora pachyrhizi* on Kudzu in Florida**
Wayne Jurick, University of Florida
 - **Latest Developments on Alternative Hosts**
Morris Bonde, USDA-ARS
Glen Hartman, USDA-ARS
 - **Open Discussion/Q&A**

- 2:55 PM Break, sponsored by



9:45 AM

General Session: Disease Resistance and the Infection Process

- **Evaluation of Soybean Germplasm Collections for Disease Reaction and Prospects for Development of Disease Resistant Varieties**
David Walker, ARS-USDA
- **Development of Disease Resistant Varieties in Brazil**
Austeclinio L. de Farias Neto, Embrapa Cerrados
- **Resistance to Soybean Rust in Dry Beans**
Talo Pastor-Corrales, USDA-ARS
- **Mapping Soybean Rust Single Gene Resistance**
David Hyten, USDA-ARS
- **Rpp-Mediated Gene Expression in Resistant and Susceptible Rust Interactions**
Kathy Schneider, USDA-ARS
Martijn van de Mortel, Iowa State University
- **Proteomic Analysis of Resistant and Susceptible Soybean Lines**
Zhiyuan Chen, Louisiana State University
- **Proteomic Analysis of Soybean Rust Urediniospores**
Doug Luster, USDA-ARS
- **Open Discussion/Q&A**

12:30 PM

Closing Comments / Symposium Adjourns

ENVIROLOGIX



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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. For planning purposes, no adjustments will be made to the start and finish times of the events/sessions listed. Thank you.

Organizers

Special thanks to the Technical Committee Members and their organizations for their collaboration and support on this important event. Raymond Schneider, Louisiana State University (Coordinator), Gary Bergstrom, Cornell University; Carl Bradley, University of Illinois; Anne Dorrance, The Ohio State University; Marty Draper, USDA-CSREES; Reid Frederick, USDA-ARS; Mark Halsey, USB; Carrie Harmon, University of Florida; Glen Hartman, USDA-ARS; Don Hershman, University of Kentucky; Clayton Hollier, Louisiana State University; Scott Isard, The Pennsylvania State University; Bob Kemerait, University of Georgia; Jan Leach, Colorado State University; Jim Marois, University of Florida; John Rupe, University of Arkansas; David Wright, NCSRP/Iowa Soybean Association; and David Walker, USDA-ARS.

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