

Department of Entomology

2009

Entomology Science Conference

Texas A&M University
November 2, 3 and 4
College Station Conference Center
1300 George Bush Drive
Room 127

Program Committee

Chris Sansone, Chair

Carlos Bográn	David Kerns
Ed Bynum	Jim Swart
Pat Porter	

Monday, November 2, 2009

Moderator, Chris Sansone

8:15 *Department of Entomology Update*

Chris Sansone
Charles Allen
Kevin Heinz

Managing Invasives Before They Manage Us

8:45 *Panel Discussion on Invasives*

Kevin Heinz
Stuart Kuehn
Shashank Nilakhe
Kira Zhaurova

10:00 **Break**

10:15 *Texas Forest Service and Invasives*

Ron Billings

11:00 *Wildflower Center, Invasives and the Role of Citizen Science*

Travis Gallo

11:45 **Lunch Provided**

OFF-CAMPUS ENTOMOLOGY RESEARCH

1:00 *New IPM Tools for Texas Rice Farmers and the Fit for Organic Rice*

M.O. Way
Kelly Tindall

1:40 *Developing IPM Methods for Plant Disease Vectors in Grapes*
Forrest Mitchell

2:15 *Influence of Drought Stress, Spider Mites and Hybrid Selection on Corn Silage, Grain Yields and Mycotoxins*

Amelia Sidumo
Kathy Vaughn
Christian Nansen
Pat Porter

3:00 **Break**

Urban Ornamental Session

Moderator, Carlos Bográn

3:15 *Plant Disease Diagnostics Laboratory Update*

Kevin Ong

3:35 *Raspberry Crazy Ant – Recognition, Distribution and Importance*

Danny McDonald
Roger Gold
Bart Drees
Paul Nester

4:05 *Formosan Termites – Recognition, Distribution and Importance*

Roger Gold

4:25 *Biocontrol of Black Flour Beetles in Cotton Gin Trash*

Bryan Stokes

4:40 *Thrips Management on Potted Roses Using Reduced Risk Insecticides*

Andrew Chow
Carlos Bográn
Kevin Heinz

5:00 **Adjourn**

Tuesday: November 3, 2009

Urban Ornamental Session

Moderator, Carlos Bográn

- 8:15 *Thrips, Borer and Gall Management*
Scott Ludwig
- 8:35 *Control of Citrus Root Weevil in Field Grown Palms*
Carlos Bográn
Catherine Mannion
- 8:50 *Home Remedies for Red Imported Fire Ant Management – Do They Work?*
Wizzie Brown
- 9:05 *What's New in School IPM*
Janet Hurley
- 9:20 *Urban – Ornamentals Research and Extension Priorities*
Carlos Bográn
- 9:45 **Break**

Small Grains Session

Moderator, Jim Swart

- 10:00 *Are Thrips a Pest in Soybeans?*
Stephen Biles
- 10:15 *Small Grains Research and Extension Priorities*
Jim Swart

Research Interlude

- 10:30 *The Potential for Collaborative Research*
Spencer Behmer

Grain Sorghum Session

Moderator, Ed Bynum

- 11:25 *What are Creontiades signatus Doing in Grain Sorghum?*
Stephen Biles
- 11:35 *Field Efficacy of Selected Insecticides for Headworms in Sorghum Heads*
Ed Bynum
- Comparison of Headworm Larval Densities for Two Different Planting Strategies on the High Plains*
Ed Bynum
- 11:50 *Grain Sorghum Research and Extension Priorities*
Ed Bynum

Noon **Lunch Provided**

Corn Session

Moderator, Pat Porter

- 1:00 *Evaluation of Syngenta and Monsanto Corn Hybrids for Enhanced Lepidopteran Control*
Roy Parker
- 1:15 *Evaluation of Poncho and Cruiser Seed Treatments at Three Rates for Chinch Bug Control*
Roy Parker
- 1:25 *High Plains Spider Mite Control Trials, Possible Miticide Durability Issues and a Look Ahead*
Ed Bynum
Monti Vandiver
Pat Porter
- 1:55 *Corn Research and Extension Priorities*
Pat Porter

Cotton Session

Moderator, David Kerns

Cotton Research Updates

- 2:10 *Plant Defenses and Predators: How Aphids Interact with Other Herbivores in Cotton*
Ricardo Ramirez
Micky Eubanks
- 2:25 *Effect of Thiamethoxam Seed Treatments on Spider Mites in Cotton*
Adrianna Szczepaniec
Micky Eubanks
- 2:40 **Break**
- 3:00 *Cotton Boll Susceptibility to Lygus Injury: Adults vs. Nymphs*
Megha Parajulee
- 3:15 *Mechanisms of Resistance Detected for Bollworms*
Patricia Pietrantonio
Brad Hopkins

Cotton Pest Management Tools and Resources

- 3:25 *Introducing the EPA-Supported Resistance Web Site*
Patricia Pietrantonio
- 3:40 *Challenges and Opportunities in Identification of Lygus Species from Texas*
Ram Shrestha
Megha Parajulee
- 4:00 *Response of Cotton to Fleahopper Control: A Review*
Roy Parker
Chris Sansone
- 4:30 **Adjourn**

Wednesday: November 4, 2009

Cotton Session, continued

Moderator, David Kerns

Cotton Pest Management Guide Revision

- 8:15 *A Revised Look at the Cotton Management Guide Series*
David Kerns

Insecticide Recommendations-Is there a better way?

Cotton Guide Revision and Research Priorities
David Kerns

Noon **Adjourn**

Presenter Information

Charles Allen, Statewide IPM Coordinator, AgriLife Extension, San Angelo
Spence Behmer, Assistant Professor, Department of Entomology, College Station
Stephen Biles, EA-IPM, Port Lavaca
Ron Billings, Texas Forest Service, Manager-Forest Pest Management, College Station
Carlos Bográn, AgriLife Extension and Research Entomology and Plant Pathology, Bryan
Elizabeth “Wizzie” Brown, Extension Program Specialist – IPM, Austin
Ed Bynum, AgriLife Extension Entomologist, Amarillo
Andrew Chow, Postdoctoral Research Associate, College Station
Bart Drees, AgriLife Extension and Research Entomologist, College Station
Micky Eubanks, Associate Professor, Department of Entomology, College Station
Travis Gallo, Program Coordinator, Lady Bird Johnson Wildflower Center, Austin
Roger Gold, Professor, Department of Entomology, College Station
Kevin Heinz, Professor and Head, Department of Entomology, College Station
Brad Hopkins, Graduate Student, College Station
Janet Hurley, Extension Program Specialist – School IPM, Dallas
David Kerns, AgriLife Extension Entomologist, Lubbock
Stuart Kuehn, State Plant Health Director, USDA-APHIS, Austin
Scott Ludwig, Extension Program Specialist – IPM, Overton
Catherine Mannion, Associate Professor, University of Florida, Homestead, FL
Danny McDonald, Graduate Student, College Station
Forrest Mitchell, AgriLife Research and Extension Entomologist, Stephenville
Rick Minzenmayer, EA-IPM, Ballinger
Christian Nansen, AgriLife Research Entomologist, Lubbock
Paul Nester, Extension Program Specialist – IPM, Houston
Shashank Nilakhe, State Entomologist, Texas Department of Agriculture, Austin
Kevin Ong, AgriLife Extension Plant Pathologist, College Station
Megha Parajulee, AgriLife Research Entomologist, Lubbock
Roy Parker, AgriLife Extension Entomologist, Corpus Christi
Patricia Pietrantonio, Professor, Department of Entomology, College Station
Pat Porter, AgriLife Extension Entomologist, Lubbock
Ricardo Ramirez, Postdoctoral Research Associate, College Station
Jarred Ripple, EA-IPM, Georgetown
Chris Sansone, AgriLife Extension Entomologist, San Angelo
Amelia Sidumo, Graduate Student, Lubbock
R.B. Shrestha, Graduate Student, Lubbock
Adrianna Sczcepaniec, Postdoctoral Research Associate, College Station
Bryan Stokes, Graduate Student, Lubbock
Jim Swart, EA-IPM, Commerce
Kelly Tindall, Research Assistant Professor, Division of Plant Sciences, University of Missouri, Portageville, MO
Monti Vandiver, EA-IPM, Farwell
Kathy Vaughn, AgriLife Research, Lubbock
M.O. Way, AgriLife Research Entomologist, Beaumont
Kira Zhaurova, Domestic Entomology Identifier, USDA-APHIS, College Station