

2:30 Impact of Planting Date and Maturity Group on the Occurrence of Lepidopteran Pests in Mississippi Soybeans. **N. Bateman**, A. Catchot, J. Gore, D. Cook, F. Musser, and T. Irby

2:45 Postemergence Control of Glyphosate-Resistant *Amaranthus palmeri* with Combinations of Mesotrione, Fomesafen, and Glyphosate. **J. P. Mangialardi**, T. W. Eubank, C. B. Edwards, B. H. Lawrence, J. Bond, and B. R. Golden

3:00 Distribution of the Heliothine Complex in Cotton/Soybean Landscapes. **T. D. Dill**, A. Catchot, J. Gore, F. Musser, D. Cook, and M. Caprio

3:15 Break

Ph.D. Competition

3:30 Evaluation of Barnyard Grass Antagonism with Glufosinate Applied Either Before or After Clethodim. **A. N. Eytcheson** and D. B. Reynolds

3:45 Residual Efficacy and Systemic Nature of the Diamide Insecticides. **A. Adams**, J. Gore, A. Catchot, D. Cook, and F. Musser

4:00 Evaluation of Split Applications of Pyroxasulfone in Corn. **B. Edwards**, J. A. Bond, D. O. Stephenson, T. W. Eubank, H. M. Edwards, and G. B. Montgomery

4:15 The Impact of Planting Date and Varietal Maturity on Tarnished Plant Bug Management and Yield. **B. Adams**, A. Catchot, J. Gore, F. Musser, D. Dodds, and D. Cook

4:30 Management of *Cercospora sojina* in Mississippi Soybean 2013. **T. H. Wilkerson**, J. T. Irby, B. R. Golden, and T. W. Allen

4:45 Biological Studies Evaluating the Differences Between Mississippi Delta and Hills Populations of *Lygus lineolaris*. **D. E. Fleming** and F. Musser

5:00 Use of Aminocyclopyrachlor as a Preplant Burndown Weed Control Option for Corn and Cotton. **R. J. Edwards** and D. B. Reynolds

5:15 Awards Reception

2nd Annual

Future of Agriculture Graduate Student Competition

February 6, 2014

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2014 Future of Agriculture Graduate Student Competition

7:55 Introduction

Master's Competition

8:00 Impact of N Availability and Plant Growth Regulator on Double-cropped Cotton. **T. H. Dixon**, D. M. Dodds, J. D. Copeland, D. Z. Reynolds, C. A. Samples, B. R. Golden, and J. J. Varco

8:15 Enhancing the Accuracy of the Mississippi Irrigation Scheduling Tool (MIST) for Producer Use. **J. Rawson**, A. Linhoss, M. L. Tagert, and G. Sassenrath

8:30 Drift and Deposition of Neonicotinoid Contaminated Seed Lubricants on Wild Flowers. **A. Whalen**, A. Catchot, J. Gore, G. Lorenz, S. Stewart, D. Cook, F. Musser, and J. Harris

8:45 Glyphosate, Glufosinate, and 2,4-D Combinations for the Control of Glyphosate Resistant Palmer Amaranth. **B. H. Lawrence**, T. E. Eubank, C. B. Edwards, J. P. Mangialardi, and J. A. Bond

9:00 Evaluation of Saflufenacil as a Harvest Aid in Mid-South Soybean. **A. Brown**, C. B. Edwards, B. W. Thomason, and J. Irby

9:15 Estimating the Critical Level of Kernel Damage to Impact Field Corn Yield. **B. Olivi**, D. Cook, J. Gore, A. Catchot, and F. Musser

9:30 Corn Evaluation for Early Season Planting System by Morphological Traits. **C. Wijewardana**, B. Henry, K. R. Reddy, and M. Hock

9:45 Break

10:00 Impact of Corn Earworm on Grain Sorghum Yields. **C. Dobbins**, J. Gore, D. R. Cook, A. L. Catchot, F. Musser, and B. Olivi

10:15 Evaluation of Herbicides as Harvest Aids in Soybean. **B. Thomason**, A. Brown, and J. Irby

10:30 Impact of Threecornered Alfalfa Hopper Feeding in Seedling Cotton. **J. Ramsey**, A. Catchot, F. Musser, D. Cook, and J. Gore

10:45 Influence of Saflufenacil on Growth and Yield of Southern U.S. Rice. **G. B. Montgomery**, J. A. Bond, H. M. Edwards, T. W. Walker, and T. W. Eubank

11:00 Reusing Irrigation Water from Tail Water Recovery Systems: Implications on Field and Stream-Level Nutrient Status. **G. W. Carruth**, J. O. Paz, M. L. Tagert, J. L. Oldham, and S. G. Gutierrez

11:15 Effect of Nitrogen Rate on Tarnished Plant Bug Infestation and Yield. **C. A. Samples**, D. M. Dodds, J. Gore, A. Catchot, B. R. Golden, T. H. Dixon, D. Z. Reynolds, J. D. Copeland, and J. M. Riley

11:30 Strobilurin Sensitivity of *Cercospora sojina*, the Causal Agent of Frogeye Leaf Spot, Found in Mississippi Soybean Production Fields. **J. Standish**, M. Tomasco-Peterson, T. W. Allen, B. Moore, and S. Sabanadzovic

11:45 The Effect of Various Water Management Strategies on Rice Yield, NUE, and Soil Chemical Properties on a Sharkey Clay Soil. **R. L. Atwill**, J. L. Corbin, P. W. Fitts, D. L. Harrell, L. J. Krutz, J. H. Massey, and T. W. Walker

12:00 Lunch

1:15 Plant Early and Plant Hairy. **W. Wood**, J. Gore, A. Catchot, D. Cook, J. Krutz, and D. Dodds

1:30 Early Corn Planting Date and the Effect on Yield. **M. W. Hock**, W. B. Henry, K. R. Reddy, C. Wijewardana, and N. Buehring

1:45 Impacts and Species Composition of Thrips on Seedling Cotton in the Mid-South. **J. North**, A. Catchot, J. Gore, and D. Cook

2:00 Effects of Nitrogen Application and Harvest Regime on Yield and Quality of Three Cool-Season Grass Species. **J. D. Richwine**

2:15 Evaluation of PRE Herbicides and Seed Treatments on Thrips Infestations in Cotton. **D. Copeland**, D. Dodds, T. Dixon, C. Samples, Z. Reynolds, A. Catchot, J. Gore, and D. Wilson