



SATURDAY, JANUARY 30, 2021
POSTER SESSION FOLLOWED BY SOCIAL.

Poster PDFs and videos will be posted on Southern ASA website. A link to view will be emailed to all registrants on Friday, January 29.

3:00 PM-4:00 PM AGRONOMY SOCIAL SESSION
Zoom link for social will be emailed to all registrants.

UNDERGRADUATE STUDENT POSTER COMPETITION - CROPS AND SOILS

[Using Remote Sensing to Predict Yield and Count Emergence in Corn.](#)

Andrew R. Russell¹, Luther Altman², Emma Tyre³, Alex J. McLemore¹ and Michael J Maw¹, (1)Department of Agriculture, Abraham Baldwin Agricultural College, Tifton, GA, (2)Abraham Baldwin Agricultural College, Tifton, (3)Abraham Baldwin Agricultural College, Tifton, GA

[Corn Emergence Inconsistencies and Increased Planting Population Decreases Grain Yield, Kernels per Row, and Total Kernels per Ear.](#)

Emma G. Tyre, Andrew R. Russell, Luther D. Altman, Michael J Maw and Alex J. McLemore, Department of Agriculture, Abraham Baldwin Agricultural College, Tifton, GA

GRADUATE STUDENT POSTER COMPETITION – M.S. STUDENTS

[Soybean Maturity Group IV and V Response to Seeding Rate in Virginia.](#)

Lindsey Bowers, Virginia Tech, Blacksburg, VA and David L. Holshouser, School of Plant & Environmental Sciences, Tidewater AREC, Virginia Tech, Suffolk, VA

[Effect of Hemp Residue Management on Biological Soil Health Indicators.](#)

Ifeoluwa Adesina¹, Arnab Bhowmik², Abolghasem Shahbazi² and Chyi-Lyi Liang³, (1)Natural Resources and Environmental Design, North Carolina A&T State University, Greensboro, NC, (2)Natural Resources and Environmental Design, North Carolina A&T State University, Greensboro, NC, (3)NC, North Carolina A&T State University, Greensboro, NC

[Soil Health and Crop Yield Influenced By 100+ Years of Soil Fertility Management.](#)

Hannah Decker, Crop, Soil & Environ. Sci., Auburn University, Auburn, AL, Rishi Bhandari, Entomology and Plant Pathology, Auburn University, Auburn, AL, Audrey V. Gamble, Department of Crop, Soil and Environmental Science, Auburn University, Auburn, AL and Yucheng Feng, Crop, Soil and Environmental Sciences, Auburn University, Auburn, AL

[Agronomic Optimum Nitrogen Rate for Corn Production in Mississippi.](#)

Camden Oglesby, Mississippi State University, Starkville, MS and Jagmandeep Dhillon, Plant and Soil Sciences, Mississippi State University, Starkville, MS

[Vegetative Injury Occurring at Different Intensity and Growth Stage Effect on Peanut.](#)

Hayden B Godwin¹, Ronald Scott Tubbs², Cristiane Pilon³, Walter Scott Monfort², James Houx⁴ and Mark E. Zarnstorff⁴, (1)Crop and Soil Sciences, University of Georgia Tifton Campus, Tifton, GA, (2)Crop and Soil Science, The University of Georgia, Tifton, GA, (3)Crop & Soil Sciences, University of Georgia-Tifton, Tifton, GA, (4)National Crop Insurance Services, Overland Park, KS

Field and Laboratory Evaluation of Nitrogen Release from Poultry Litter.

Rajveer Singh and Rishi Prasad, Crop, Soil and Environmental Sciences, Auburn University, Auburn, AL

Media Optimization for Turf Bermudagrass Experimental Line FB1628 Callus Development.

Adina Y. Grossman¹, Rebecca Arias¹, Kevin Begcy², Kevin E. Kenworthy¹ and Esteban F. Rios¹, (1)Agronomy, University of Florida, Gainesville, FL, (2)Environmental Horticulture, University of Florida, Gainesville, FL

A Hemp Crop in the Continuation of a Long-Term Copper Fertility Experiment.

Sarah E. Forden, Hutson School of Agriculture, Murray State University, Murray, KY, UNITED STATES and David L. Ferguson, Hutson School of Agriculture, Murray State University, Murray, KY

Industrial Hemp, Cannabis sativa L., Physiological Response to Waterlogging.

Maryjo Valle¹, Esteban F. Rios², Zachary T Brym³, Kevin E. Kenworthy² and John Erickson⁴, (1)University of Florida, Gainesville, FL, (2)Agronomy, University of Florida, Gainesville, FL, (3)Tropical Research and Education Center, University of Florida, Homestead, FL, (4)Agronomy Department, University of Florida, Gainesville, FL

GRADUATE STUDENT POSTER COMPETITION – PH.D. STUDENTS

Effects of Tillage and Cover Crops on Greenhouse Gas Emissions in Soil Incubation.

Sk. Musfiq Us Salehin¹, Nithya Rajan¹, Kenneth D. Casey², Jake E. Mowrer³ and Muthukumar Bagavathiannan⁴, (1)Soil and Crop Sciences, Texas A&M University, College Station, TX, (2)Texas Agrilife Research-Amarillo, Amarillo, TX, (3)Soil and Crop Sciences, Texas A&M AgriLife Extension Service, College Station, TX, (4)Soil and Crop Sciences, Texas A&M University, College Station, AR

Brassica Carinata Nutrient Uptake, Partitioning across Maturity Groups and Latitudes.

Mahesh Bashyal, Bldg 4900, University of Florida, Jay, FL, Michael J. Mulvaney, Highway 182, University of Florida West Florida Research & Education Center, Jay, FL, Carl Crozier, North Carolina State University, Raleigh, NC, Joseph Enye Iboyi, University of Florida West Florida Research & Education Center, Jay, FL, Ramon G Leon, Department of Crop and Soil Sciences, North Carolina State University, Raleigh, NC., NC, Gabriel Maltais-Landry, Soil and Water Sciences Department, University of Florida, Gainesville, FL, Chris H. Wilson, Department of Agronomy, University of Florida, Gainesville, FL and Kenneth J. Boote, Agric. and Biol. Engr. Dept., 120 Rogers Hall, University of Florida, Gainesville, FL

Genotypic Variation in NUE Among Carinata Genotypes Grown in a Controlled Environment.

Joseph Enye Iboyi¹, Michael J. Mulvaney², Ramdeo Seepaul³, Ian M Small³, Mahesh Bashyal⁴, Ramon G Leon⁵, Kipling S. Balkcom⁶ and Pratap Devkota⁷, (1)University of Florida West Florida Research & Education Center, Jay, FL, (2)Highway 182, University of Florida West Florida Research & Education Center, Jay, FL, (3)North Florida Research and Education Center, University of Florida, Quincy, FL, (4)Bldg 4900, University of Florida, Jay, FL, (5)Department of Crop and Soil Sciences, North Carolina State University, Raleigh, NC., NC, (6)USDA-ARS, Auburn, AL, (7)West Florida Research and Education Center, Jay, FL

Optimizing Planting Date and Weed Suppression in Industrial Hemp (Cannabis sativa L.) in Southeast Texas.

Jodie M Reisner, Texas A&M University, Temple, TX

Identifying in-Season Phenotypic Predictors of Elevated Grain Protein Concentration in Wheat.

Philip O. Hinson, Soil and Crop Science, Texas A&M University, Vernon, TX, Curtis B. Adams, Texas A&M AgriLife Research, Vernon, TX, Qingwu Xue, Texas A&M AgriLife Research, Amarillo, TX, Sushil Thapa, Texas A&M AgriLife Research, Canyon, TX, Xuejun Dong, Texas Agrilife Research-Uvalde, Uvalde, TX, Gongneng Feng, Yancheng Institute of Technology, Yangcheng, China, Fernando Guillen-Portal, Texas A&M University, Texas A&M University, College Station, Texas and Clark B. Neely, PO Box 646420, Washington State University, Pullman, WA

Exploring Relationships Among Above- and Belowground Phenotypic Traits in Guar.

Rajan Shrestha, Texas A&M University, College Station, TX, Curtis B. Adams, Texas A&M AgriLife Research, Vernon, TX and Jennifer MacMillan, Soil and Crop Sciences, Texas A&M University, Vernon, TX

Effect of Fungicide Programs on Leaf Spot and Plant Growth of Peanut Cultivars.

Chiara Rossi¹, Cristiane Pilon², R. Scott Tubbs², Tim Brenneman³, Albert K. Culbreath⁴ and Dan Anco⁵, (1)University of Georgia-Tifton, Tifton, GA, (2)Crop & Soil Sciences, University of Georgia-Tifton, Tifton, GA, (3)UGA, Tifton, GA, (4)Plant Pathology, University of Georgia, Tifton, GA, (5)Department of Plant and Environmental Sciences, Clemson University, Blackville, SC

PROFESSIONAL POSTER – CROPS

Impact of Cover Crops and Irrigation Scheduling Thresholds on Corn Production.

Gurpreet Kaur, 82 Stoneville Road, Mississippi State University, Stoneville, MS, Dillon Russel, Delta Research and Extension Center, Stoneville, MS and Gurbir Singh, Division of Plant Sciences, Mississippi State University, Leland, MS

Economic Risk Analysis of Adopting Enhanced-Efficiency Urea Fertilizers in Winter Wheat Production of the Southern Great Plains.

Yubing Fan¹, Curtis B. Adams¹, Santanu B. Thapa¹ and Seong C. Park², (1)Texas A&M AgriLife Research, Vernon, TX, (2)School of Agriculture, Tennessee Tech University, Cookeville, TN

Growth Stage-Based Deficit Irrigation Strategies to Improve Profitability of Cotton Production in the Southern High Plains of Texas.

Yubing Fan¹, Sushil K Himanshu¹, Srinivasulu Ale¹, James P. Bordovsky² and Seong C. Park³, (1)Texas A&M AgriLife Research, Vernon, TX, (2)Texas A&M AgriLife Research, Plainview, TX, (3)School of Agriculture, Tennessee Tech University, Cookeville, TN

Economic Risk Analysis of Crop Growth Stage-Based Deficit Irrigation Strategies: Simulated Trends from Texas Cotton Production.

Yubing Fan¹, Sushil K Himanshu¹, Srinivasulu Ale¹, James P. Bordovsky² and Seong C. Park³, (1)Texas A&M AgriLife Research, Vernon, TX, (2)Texas A&M AgriLife Research, Plainview, TX, (3)School of Agriculture, Tennessee Tech University, Cookeville, TN

Socio-Economic Considerations for Transitioning to Organic Farming Systems.

Yubing Fan and Curtis B. Adams, Texas A&M AgriLife Research, Vernon, TX

PROFESSIONAL POSTER – SOILS

Incidence of Pharmaceuticals in Collins River in Warren County, Tennessee.

Ravneet Kaur¹, Anonya Akuley Amenyenu², Karnita Garner³ and Samuel O. Dennis², (1)Department of Ag and Env Sciences, Tennessee State University, Nashville, TN,

(2)Department of Agricultural and Environmental Sciences, Tennessee State University, Nashville, TN, (3)Alabama Cooperative Extension System, Alabama A&M University, Normal, AL

Spatial Variability of Soil Chemical Properties Following Long-Term Poultry Litter Application.

Tingting Chang, Mississippi State University, Starkville, MS, Gary Feng, PO Box 5367 810 Highway 12 East, USDA-ARS, Mississippi State, MS, Ardeshir Adeli, 810 Hwy 12 E, USDA-ARS, Mississippi State, MS, Varun Paul, Mississippi, Mississippi state university, Mississippi, MS, Jhonie Jenkins, USDA ARS, Mississippi State, MS and Dennis Reginelli, Mississippi Soybean Promotion Board, Starkville, MS.

SUNDAY, JANUARY 31, 2021

GRADUATE STUDENT ORAL COMPETITION – PHD. STUDENTS

8 AM – 12 PM

MODERATOR: Dr. Curtis Adams

7.55 AM	Opening Remarks
8.00 AM	<p><u>Brassica Carinata Dry Matter and Yield Response to Nitrogen Rates and Timing on Southern Coastal Plain Soils in the United States.</u> Mahesh Bashyal, Bldg 4900, University of Florida, Jay, FL, Michael J. Mulvaney, Highway 182, University of Florida West Florida Research & Education Center, Jay, FL, Dewey Lee, Crop and soil sciences, University of Georgia, Athens, GA, Joseph Enye Iboyi, University of Florida West Florida Research & Education Center, Jay, FL, Ramon G Leon, Department of Crop and Soil Sciences, North Carolina State University, Raleigh, NC., NC, Gabriel Maltais-Landry, Soil and Water Sciences Department, University of Florida, Gainesville, FL, Chris H. Wilson, Department of Agronomy, University of Florida, Gainesville, FL and Kenneth J. Boote, Agric. and Biol. Engr. Dept., 120 Rogers Hall, University of Florida, Gainesville, FL</p>
8.15 AM	<p><u>Crop Rotational Effects of Brassica Carinata and Summer Crops.</u> Joseph Enye Iboyi, University of Florida West Florida Research & Education Center, Jay, FL, Michael J. Mulvaney, Highway 182, University of Florida West Florida Research & Education Center, Jay, FL, Kipling S. Balkcom, USDA-ARS, Auburn, AL, Mahesh Bashyal, Bldg 4900, University of Florida, Jay, FL, Ramon G Leon, Department of Crop and Soil Sciences, North Carolina State University, Raleigh, NC., NC, Pratap Devkota, West Florida Research and Education Center, Jay, FL and Ian M Small, North Florida Research and Education Center, University of Florida, Quincy, FL</p>
8.30 AM	<p><u>Cover Crop Mixes for Conservation Agriculture.</u> Jodie M Reisner, Texas A&M University, Temple, TX</p>
8.45 AM	<p><u>Generalized Additive Modeling of Minirhizotron Data Enables High-Resolution Spatio-Temporal Mapping of Crop Root Systems.</u> Simon S. Riley, University Of Florida, Gainesville, FL</p>

9.00 AM	<p><u>Corn Response to Secondary and Micronutrient Application in Highly Weathered Soil Condition.</u> Solomon Amissah, Benjamin Agyei and Henry Sintim, Crop and Soil Sciences, University of Georgia, Tifton, GA</p>
9.15 AM	<p><u>Winter Cover Crops Correlation of Biomass Production and Percentage Ground Coverage.</u> Ana Julia Azevedo, Agronomy, University of Georgia-Tifton, Tifton, GA, R. Scott Tubbs, Crop & Soil Sciences, University of Georgia-Tifton, Tifton, GA and William F. Anderson, Crop Genetics and Breeding Research Unit, USDA-ARS, Tifton, GA</p>
9.30 AM	<p><u>Allelopathic Effects of Sweet Potato on Yellow Nutsedge, Goosegrass, and Palmer Amaranth.</u> Varsha Singh¹, Isabel Werle¹, Mark Shankle² and Te Ming Tseng³, (1)Plant & Soil Sciences, Mississippi State University, Mississippi State, MS, (2)Plant and soil Sciences, Mississippi State University, Pontotoc, MS, (3)PO Box 9555, Mississippi State University, Mississippi State, MS</p>
9.45 AM	<p><u>Effect of Dodine on Photosynthetic Efficiency and Yield of Peanut.</u> Chiara Rossi, University of Georgia-Tifton, Tifton, GA, Cristiane Pilon, Crop & Soil Sciences, University of Georgia-Tifton, Tifton, GA, Albert K. Culbreath, Plant Pathology, University of Georgia, Tifton, GA and Tim Brenneman, UGA, Tifton, GA</p>
10.00-10.15 AM	Break
10.15 AM	<p><u>Tolerance of Cotton Chromosomal Substitution Lines to 2,4-D: A Dose-Response Study.</u> Josiane Argenta, Plant Science, Mississippi State University, Starkville, MS, UNITED STATES, Willian Matte, Federal University of Maringa, Maringa, Brazil, Loida Perez, Mississippi State University, Starkville and Te-Ming Paul Tseng, Plant and Soil Sciences, Mississippi State University, Mississippi State University, MS</p>
10.30 AM	<p><u>Using SSR Markers to Identify Genetic Regions Associated with Stress Tolerant Traits in a Weedy Rice (<i>Oryza sativa</i> ssp.) Mini-Germplasm.</u> Shandrea Stallworth¹, Paul Tseng², Mary Gracen Fuller¹, Nilda Burgos³, Brooklyn Schumaker⁴ and Swati Shrestha², (1)Plant & Soil Sciences, Mississippi State University, Mississippi State, MS, (2)Mississippi State University, Mississippi State, MS, (3)University of Arkansas, Fayetteville, AR, (4)Plant & Soil Sciences, Mississippi State University, mississippi st, MS</p>
10.45 AM	<p><u>Assessing Genetic Diversity in Weed-Suppressive Cotton Chromosome Substitution Lines.</u> Worlanyo Segbefia¹, Gracen Fuller², Sukumar Saha³ and Tseng Te-Ming², (1)Plant and Soil Science, Mississippi State University, Mississippi State, MS, UNITED STATES, (2)Plant and Soil Science, Mississippi State University, Mississippi State, MS, (3)Genetics and Sustaibale Agriculture Research, USDA-ARS, Starkville, MS</p>

11.00 AM	<p><u>Effect of Drought Stress on Physiological Quality of Peanut Seeds.</u> Leticia de Aguila Moreno¹, Cristiane Pilon², Marshall C. Lamb³, Chris Butts⁴, Ronald Sorensen⁵ and R. Scott Tubbs², (1)University of Georgia-Tifton, Tifton, GA, (2)Crop & Soil Sciences, University of Georgia-Tifton, Tifton, GA, (3)National Peanut Research Laboratory, USDA-ARS, Dawson, GA, (4)USDA-ARS National Peanut Research Lab, Dawson, GA, (5)USDA-ARS National Peanut Research Laboratory, Dawson</p>
11.15 AM	<p><u>The Potential of Inter-Seeded Cover Crops for Enhancing Soil Health and Soil Moisture Content in a Row Crop Production System.</u> Ricardo St Aime, SC, Clemson University , Clemson, SC, Sruthi Narayanan, Department of Plant and Environmental Sciences, Clemson University, Clemson, SC and Lisha Zhang, Agricultural Sciences Department, Clemson University, Clemson, SC</p>
11.30 AM	<p><u>Phenomic-Assisted Selection for Quantitative Traits in Alfalfa (<i>Medicago sativa</i> L.).</u> Anju Biswas¹, Janam Acharya¹, Cleber H. L. de Souza¹, Mario Henrique Murad Leite Andrade¹, Shubham Shirbhate², Aditya Singh², Giselle Mariano Lessa De Assis³ and Esteban F. Rios¹, (1)Agronomy, University of Florida, Gainesville, FL, (2)Agricultural and Biological Engineering, University of Florida, Gainesville, FL, (3)Embrapa Acre, Brazilian Agricultural Research Corporation, Brazil, Rio Branco/Acre, Brazil</p>
11.45 PM	<p><u>Developing a Screening Protocol for Soybean (<i>Glycine max</i> L.) Resistance to <i>Corynespora Cassicola</i>.</u> Sejal Patel, Crop, Soil and Environmental Science, Auburn University, Auburn, AL, Jenny Koebernick, Crop, Soil, and Environmental Sciences, Auburn University, Auburn, AL and Kira L.. Bowen, Department of Entomology and Plant Pathology, Auburn University, Auburn, AL</p>
12.00 PM	Adjourn

GRADUATE STUDENT ORAL COMPETITION – M.S. STUDENTS

1.25 PM – 5.30 PM

MODERATOR: Dr. Dorothy Menefee

1.25 PM	Opening Remarks
1.30 PM	<p><u>Sensor-Based Irrigation Scheduling Thresholds and Cover Crop Effects on Soybean Production in the Mississippi Delta.</u> Dillon Russell, National Center for Alluvial Aquifer Research, Mississippi State University, Greenville, MS, Gurpreet Kaur, 82 Stoneville Road, Mississippi State University, Stoneville, MS, Gurbir Singh, Division of Plant Sciences, Mississippi State University, Leland, MS and Drew Gholson, National Center for Alluvial Aquifer Research, Mississippi State University, Stoneville, MS</p>
1.45 PM	<p><u>Landscape Position Effects on Soil Microclimate and Cover Crop Decomposition.</u> Sam J Leuthold and Hanna Poffenbarger, Department of Plant and Soil Sciences, University of Kentucky, Lexington, KY</p>
2.00 PM	<p><u>Fertilizer and Water Scheduling Effects on Corn Under Subsurface Drip Irrigation.</u> Benjamin Agyei¹, Solomon Amisah¹, Miguel L. Cabrera², Maurizio Borin³ and Henry Sintim¹, (1)Crop and Soil Sciences, University of Georgia, Tifton, GA, (2)Crop and Soil Sciences, University of Georgia-Athens, Athens, GA, (3)Department of Agronomy, Food, Natural resources, Animals and Environment (DAFNAE), University of Padova, Legnaro, Italy</p>
2.15 PM	<p><u>Assessing Capabilities of Thermal Imaging Technologies Equipped to Drones to Detect Bird Nests in Grasslands.</u> Lori M. Hearon, Mississippi State University, Mississippi State, MS and Jesse Morrison, Plant and Soil Sciences, Mississippi State University, Mississippi State, MS</p>
2.30 PM	<p><u>Phenotypic Evaluation of Energycane Varieties for Bioenergy.</u> Wyatt Eason¹, Dylan Hollowell², Brian S. Baldwin¹ and Jesse Morrison¹, (1)Plant and Soil Sciences, Mississippi State University, Mississippi State, MS, (2)Mississippi State University, Mississippi State, MS</p>
2.45 PM	<p><u>Conventional and Reduced Tillage Systems with Fertilizer Placement in Irrigated and Dryland Corn.</u> James Chad Hankins, Mississippi State University, Greenwood, MS</p>
3.00 PM	<p><u>Predicting Aqueous Adsorption of Heavy Metal Onto Biochars with Machine Learning and Deep Learning.</u> Avedananda Ray, Department of Agricultural & Environmental Sciences, Tennessee State University, Nashville, TN and Anindya Banerjee, Department of Electronics and Communication Engineering, Kalyani Government Engineering College, Kalyani, India</p>

3.15 PM	<u>Allelopathy in Weedy Rice: A Pragmatic Solution to Weed Pestilence.</u> Kira Howell , Plant and Soil Sciences, Mississippi State University, Starkville, MS, Brooklyn Schumaker, Mississippi State University, Starkville and Te-Ming Paul Tseng, Mississippi State University, Starkville, MS
3.30-3:45 PM	Break
3.45 PM	<u>Tractor Speed and Downforce Effect on Peanut Plant Emergence and Yield.</u> Hayden B Godwin , Crop and Soil Sciences, University of Georgia Tifton Campus, Tifton, GA, Ronald Scott Tubbs, Crop and Soil Science, The University of Georgia, Tifton, GA, Wesley M Porter, University of Georgia - Tifton, Tifton, GA and Simerjeet Virk, Crop and Soil Sciences, University of Georgia-Tifton, Tifton, GA
4.00 PM	<u>Quantifying the Impact of Delayed Harvest Conditions on Soybean (Glycine max) Yield and Quality Following Fungicide and Harvest Aid Applications.</u> Lou Adams ¹ , J. Trenton Irby ² , Jason Bond ³ , Thomas W. Allen ⁴ , William Maples ⁵ and Alanna B. Scholtes ² , (1)117 Dorman Hall, Mississippi State University, Mississippi State, MS, (2)Plant and Soil Sciences, Mississippi State University, Mississippi State, MS, (3)Delta Research and Extension Center, Mississippi State University, Stoneville, MS, (4)Biochemistry, Molecular Biology, Entomology, and Plant Pathology, Mississippi State University, Mississippi State, MS, (5)Agricultural Economics, Mississippi State University, Mississippi State, MS
4.15 PM	<u>Evaluation of Soybean (Glycine max) Varietal Response to Automatic Fungicide Application.</u> Ben Stoker ¹ , J. Trenton Irby ² , Angus L. Catchot ³ , Connor Ferguson ⁴ , Thomas W. Allen ³ , William Maples ⁵ and Alanna B. Scholtes ² , (1)Plant and Soil Sciences, Mississippi State University, Mississippi State, MS, (2)Plant and Soil Sciences, Mississippi State University, Mississippi State, MS, (3)Biochemistry, Molecular Biology, Entomology, and Plant Pathology, Mississippi State University, Mississippi State, MS, (4)Department of Plant and Soil Sciences, Mississippi State University, Starkville, MS, (5)Agricultural Economics, Mississippi State University, Mississippi State, MS
4.30 PM	<u>Greenhouse Screening of Competitive Chromosome Substitution (CS) Cotton Lines Using the Stair-Step Technique.</u> Mary Gracen Fuller , Plant & Soil Sciences, Mississippi State University, Mississippi State, MS
4.45 PM	<u>Investigating Test Weight Components for Soybean Cultivar Improvement.</u> Robert Fett , Crop, Soil, and Environmental Science, Auburn University, Marissa, IL and Jenny Koebernick, Crop, Soil, and Environmental Sciences, Auburn University, Auburn, AL
5.00 PM	<u>Evaluation of Water-Use Efficiency and Yield from Both Strip and Conventional Tillage on Peanut.</u> Sujata Bogati ¹ , Monique Leclerc ¹ , Gensheng Zhang ¹ , Sukhvir Kaur ¹ , Ronald Scott Tubbs ² and Walter Scott Monfort ² , (1)Crop and Soil Science, The

	University of Georgia, Griffin, GA, (2)Crop and Soil Science, The University of Georgia, Tifton, GA
5.15 PM	<u>Yield Response of Dryland Cotton (<i>Gossypium hirsutum</i> L.) Varieties to Potassium Fertilizer Application.</u> Scott Cardenas , Agriculture, Agribusiness & Environmental Sciences, Texas A&M University-Kingsville, Kingsville, TX
5.30 PM	Adjourn

MONDAY, FEBRUARY 1, 2021

Moderator: Dr. Pramod Pokhrel

PROFESSIONAL ORAL

7.55 AM	Opening Remarks
8.00 AM	<u>Preliminary Assessment of Transgenic Sugarcane Modified for Increased Oil Production.</u> Dylan Hollowell , Mississippi State University, Mississippi State, MS
8.15 AM	<u>Management Practices for High Yielding Corn Grown in the Mid-South.</u> Jason Kelley ¹ , Tyler Keene ¹ and Scott Hayes ² , (1)University of Arkansas, Little Rock, AR, (2)Rohwer Research Station, University of Arkansas, Watson, AR
8.30 AM	<u>The Effect of Land Management and Climate on Long Term Agricultural Systems.</u> Dorothy Menefee , Agronomy, USDA-ARS Grassland Soil & Water Research Lab, Temple, TX
8.45 AM	<u>Impacts of Irrigation Management on Soybean (<i>Glycine max</i> L.) Residue Quality in the Mississippi Delta.</u> Srinivasa Rao Pinnamaneni , PO Box 350 , USDA-ARS, Stoneville, MS and Saseendran S Anapalli, USDA-ARS, Sustainable Water Management Research Unit, Stoneville
9.00 AM	<u>Economic Return for Increased Seeding Rates in Single Row Peanut in Georgia.</u> W. Scott Monfort , Crop & Soil Sciences, University of Georgia-Tifton, Tifton, GA, Ronald Scott Tubbs, Crop and Soil Science, The University of Georgia, Tifton, GA and Jennifer T Miller, Jeff Davis County, University of Georgia Cooperative Extension Service, Hazlehurst, GA
9.15 AM	<u>Can NDVI Predict Leaf Water Potential of Plants Under Field Conditions?.</u> Xuejun Dong , Texas Agrilife Research-Uvalde, Uvalde, TX
9.30 AM	Adjourn

10:45 AM-11:45 AM Agronomy Business Meeting and Awards