2020 Annual Meeting Presentations

52nd APRES Annual Meeting
Virtual Format
2020 List of Presentations
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Ali-1
Emran
Statewide Monitoring and Molecular Characterization of Viral Diseases of Georgia Peanut

Ali-2
Emran
Molecular Characterization and Sensitivity to Quinone Outside inhibitor (QoI) Fungicides of Aspergillus flavus Isolated from Peanut Seeds in Georgia

Anco
Daniel
Efficacy and Profitability of Insecticide Treatments for Tomato Spotted Wilt Management on Peanut in South Carolina

Andres
Ryan
Improving the Scale of Marker-Assisted Selection in Virginia-type Peanut

Appaw
William
Approaches to Minimizing Aflatoxin Contamination in the Field, During Drying, and in Storage in Southern Ghana

Arias
Renee
Breeding for the Control of Peanut Smut Disease and Genetics of the Pathogen

Arthur
Stephen
Financial Returns for Weed and Disease Management Inputs in Peanuts in Southern Ghana

Azevedo
Ana Julia
Effect of Winter Cover Crops on Peanut in Rotation with Cotton
Bagwell John
Drought Stress Tolerance of Peanut Using PGPR with Orange Peel Amendments

Balkcom Kris
Evaluation of Twin Row Spacing and Seeding Rates for Runner Peanuts

Ballen Taborda Carolina
Nematode Resistance from Arachis stenosperma Incorporated into Elite Peanut

Balota Maria
Transpiration of Peanut in the Field under Rainfed Production

Barrow Billy
Summary of On-Farm Testing in Bertie County, North Carolina

Beasley Kathryn
Cakes, Crafts, and Cash: The Role of Home Demonstration and Extension Programs as a Source of Income for Rural Alabama and Florida Women 1919-1929

Becton Hope
Image Analysis and Regression Modeling for Peanut Symptom Identification

Bennett Rebecca
Greenhouse Evaluation of Wild Arachis Species for Resistance to Athelia rolfsii

Bertioli David
Arachis stenosperma, New Sources of Nematode, Rust and Leaf Spot Resistance Incorporated into Peanut Elite Lines

Bertioli Soraya
Arachis Genus In-depth Characterization for Conservation and Peanut Breeding
Chu Ye
Homeologous Recombination is Captured in the Nascent Synthetic Allotetraploid [A. ipaensis x A. correntina]4x and Its Derivatives

Clevenger Josh
Assembly of de novo Genome Sequence Increases Candidate Gene Discovery: A Case of NC94022 and TSWV Resistance

Commey Leslie
Seed Coat Biochemicals Mediate Aspergillus flavus Resistance in Peanut

Culbreath Albert
Relative Incidence of Tomato Spotted Wilt in Phorate-Treated and Nontreated Peanut

Dang Phat
Identification of Disease Resistance (R) Genes Associated with Leaf Spot Resistance in Cultivated Peanut and the Conversion of Gene-Expression Markers to DNA Markers for Applications in Marker-Assisted Plant Breeding

Dash Sudhansu
PeanutBase: Making Genetic and Genomic Data Accessible and Relevant for Peanut Improvement.

Davis Brittany
Last Name

First Name

Abstract Title Click to View Abstract

Video Link

Assigned Session

Joe Sugg

Graduate Student Oral Presentation Competition

de Souza

Juliana

Comparing Strategies on Weed Management in Peanut Production: A Brazil's Overview

PDF YouTube Video

NPB Graduate Student Poster Competition

Dean

Lisa

Lipid Compounds in Runner and Virginia Type Peanuts

YouTube Video

Joe Sugg Graduate Student Oral Presentation Competition

Deraniyagala

S.R.A.S (Anushi)

Development of Diagnostic Tools Against Important Quarantine Viruses of Peanut

YouTube Video

Joe Sugg Graduate Student Oral Presentation Competition

Dotray

Peter

Peanut Response to Diclosulam in Texas

PDF YouTube Video

Poster Presentation

Dunne

Jeffrey

Sensory Quality and Composition of Germplasm Resources in the North Carolina State University Peanut Breeding Program

YouTube Video

Joe Sugg Graduate Student Oral Presentation Competition

Eason

Kayla

Determining Flumioxazin Dissipation and Effects on Peanut Using a Thermal Gradient Table

YouTube Video

Joe Sugg Graduate Student Oral Presentation Competition

Fogle

Benjamin

Yield Loss and Grade Effects of Peanut Combine Speed Settings

YouTube Video

Joe Sugg Graduate Student Oral Presentation Competition

Foster

Delaney

Peanut Response and Weed Control Following Norflurazon Applied Preemergence and At-Crack

YouTube Video

Joe Sugg Graduate Student Oral Presentation Competition
Fritz Katelyn
Marker Identification for Increased Folate in Peanuts

Godwin Hayden
Peanut Response to Vegetative Injury Occurring at Different Intensities and Growth Stages

Grichar W. James
Peanut Response to Pyroxasulfone

Hagan Austin
Yield Response of Root-Knot Susceptible and Resistant Peanut Cultivars as Impacted by Nematicide Inputs

Hayes Brian
Evaluation of Three Years of On-Farm Peanut Fungicide Programs for Yield and Value in Southwest Georgia

Hoisington Dave
Feed the Future Innovation Lab for Peanut – Addressing Constraints to Peanut Productivity and Use

Hollifield Stephanie
Evaluation of Host Plant Resistance in Peanut Cultivars to Peanut Burrower Bug

Hurdle Nick
Evaluation of High-Oleic Peanut Germination on Thermogradient Table

Hurry D.
Modification of the Maturity Profile Board for Virginia Market Type Peanut
Kulkarni Roshan
Modeling for Ambiguous SNP Calls in Allotetraploid Peanut

Kumar Naveen
Understanding and Enhancing Drought Tolerance in Virginia Type Peanut

Lai Pin-Chu
Tomato Spotted Wilt Epidemiology and Its Impacts on Peanut Yield

Lamb Marshall
Sustainability of US Peanut Production

Levinson Chandler
Anatomical Characteristics Correlated to Peg Strength in Arachis Species

Liebold Chris
The J.M. Smucker Company Sponsor

Luke-Morgan Audrey
Economics of Crop Insurance for U.S. Peanut Enterprises

Luo Ziliang
Host Gene Expression and Epigenetic Regulation in Peanut (Arachis hypogaea) in Response to Rhizobial Early infection
Newman
Cassondra
Performing an Internal Reference Genome Assembly, Whole-Genome Sequencing and In Silico Digestion for Improved Efficiencies in Marker Detection for Virginia-type Peanuts

Nutt
Shelly
Texas Peanut Producers Board

O'Connor
Daniel
Breeding for Antioxidant Content in Peanut

Otyama
Paul I.
Genotypic Characterization of the U.S. Peanut Core Collection

Ozias-Akins
Peggy
High-throughput and Economical Marker-assisted Selection for Peanut

Parker
Bob
National Peanut Board

Peper
Alan
Can Calcite Dissolving Bacteria Promote Pod Growth?

Pham
Hanh
Evaluation of Screening Methods for Heat Stress Tolerance in Peanut at Reproductive Stage

Price
Tucker
Cook County Peanut White Mold Fungicide Trial

Puppala
Naveen
Organic Seed Treatment For Control of Soilborne Pathogens in Valencia Peanut

Ramsey
Ford
Impact of Climate on Quantity and Quality of Virginia-Type Peanut
Strayer-Scherer, Amanda
Disease and Yield Response of Selected Peanut Cultivars to Low and High Input Fungicide Programs in Southwest Alabama

Studstill, Sara
The Evaluation of Vegetation Indices to Assess Yield and Crop Quality Parameters in Peanut

Tillman, Barry
Predicting Shelling Rate of Peanut Genotypes from the Uniform Peanut Performance Tests

Torrance, Ty
Efficacy of Select Insecticides Against Threecornered Alfalfa Hopper in Peanut

Traore, Sy
Developing a Convenient Gene Editing System in Peanut

Tsai, Yun-Ching
Towards Reliable Greenhouse Methods for Phenotyping Peanut Susceptibility to Stem Rot (White Mold)

Tubbs, R. Scott
Rotating Soybean with Peanut Affects Pod Yield, Grade, and Meloidogyne arenaria Root Galling

Tyson, William
Evaluating Peanut White Mold Fungicide Programs in Bulloch County, Georgia
Virk Simerjeet
Crop Emergence and Yield Response to Peanuts Planted at Different Seeding Depths and Planter Downforces in Loamy Sand Soils

Wang Jianping
Genome Sequence of a Bradyrhizobium Strain Isolated from Peanut Nodules

Wang Hui
Quantitative Trait Loci Mapping of Seed Dormancy in a Recombinant Inbred Line Population of Peanut (Arachis Hypogaea L.)

Wiggins Glen
Visjon Biologics

Wiggins Raegan
Screening Peanut Recombinant Inbred Lines for Aflatoxin Contamination using in vitro Seed Colonization of Aspergillus flavus

Yaduru Shashi
Joint linkage Mapping and GWAS study Identified Genomic Regions and Candidate Genes Associated with Late Leaf Spots Resistance in Peanut

Yu-1 Jianmei-1
Angiotensin-Converting Enzyme-Inhibitory Activity of Allergen Reduced Peanut Protein Hydrolysate

Yu-2 Jianmei-2
Oxidative Stability of Allergen Reduced Peanuts Treated by Alcalase
Zhang Qiong
Physiological Responses of Peanut Varieties to Drought Stress

Zhao Zifan
GFP-tagging of Bradyrhizobium strain Lb8 Isolated from Peanut (Arachis hypogaea L.) Nodules