



2022 LATMC Final Program

Louisiana
Agricultural Technology & Management
Conference
February 9-11, 2022

Paragon Casino Resort
711 Paragon Place
Marksville, LA 71353



*Sponsored by the
Louisiana Agricultural Consultants Association
www.laca1.org*

Wednesday, February 9, 2022

8:00 a.m. - 5:00 p.m.

Registration

Arsene-Belezaire Ballroom Foyer

12:00 noon - 1:00 p.m.

Luncheon sponsored by BASF

*Mari Center Stage Side
Technical Presentation(s)
Hunter Spiers*



1:00 - 1:05 p.m.



General Session

*Arsene-Belezaire Ballroom
Moderator: Blaine Viator, Ph.D., 2020-21 LACA President
Opening Prayer and Pledge of Allegiance*

1:05 - 1:15 p.m.

New LSU AgCenter Personnel

Mike Salassi, Ph.D., LSU AgCenter and College of Agriculture

1:15 - 1:25 p.m.

*New Plant Health Degree Program(s) at LSU College of Ag
Mike Stout, Ph.D., LSU AgCenter and College of Agriculture*

1:25 - 1:30 p.m.

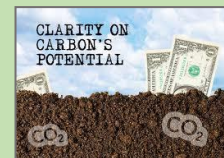
Emerging Technologies

*Corteva Agriscience - Crop Protection Products
Steve Crawford*



1:30 - 2:10 p.m. (virtual)

*Soil Health/Nitrogen Fixation and Carbon Sequestration :
Adding Value to American Agriculture
Bob Trogele, Ph.D., AMVAC Chemical Corporation*



2:10 - 2:15 p.m.

Emerging Technologies

*AMVAC Chemical Corporation
Wen Carter, Ph.D.*

2:15 - 2:45 p.m.

Regulatory Update

Don Parker, Ph.D., National Cotton Council

2:45 - 2:50 p.m.

Emerging Technologies

*PhytoGen Cottonseed
Jonathan Siebert, Ph.D.*



2:50 - 2:55 p.m.

Emerging Technologies

*Bayer
Sam Garriss*

2:55 - 3:15 p.m.

*Current Remote Sensing and Sprayer Drone Technologies in
Agriculture*

Randy Price, LSU AgCenter

3:15 - 3:45 p.m.

Refreshment Break sponsored by FMC

Mari Center Exhibit Area



3:45 - 4:30 p.m.

Awards

*Ashley Peters, LACA Scholarship Committee Chair
Scholarships (presented by funding parties)
Recognition of the 2021 Scholarship Recipients
(Please stay for photo ops following)*

Wednesday, February 9, 2022

General Session (con't) *Arsene-Belezaire Ballroom*

- 4:30 - 4:35 p.m. Emerging Technologies
Waypoint Analytical
Jerry Harris
- 4:35 - 4:40 p.m. Emerging Technologies
Nachurs
Kelly Dupont
- 4:40 - 5:00 p.m. FFA - *Peyton Little*
Ray & Dorothy Young Graduate Student Award in Field Crop IPM
awarded to *Ethan Doherty, LSU Entomology Dept*
- 5:00 - 6:30 p.m. **Networking Social** *sponsored by LACA*
Cash Bar/Light hors d'oeuvres
Mari Center Exhibit Area



Thursday, February 10, 2022

- 7:00 a.m. - 5:00 p.m. **Registration**
Arsene-Belezaire Ballroom Foyer
- 7:00 - 8:00 a.m. **Breakfast** *sponsored by*
Corteva Agriscience and Pioneer Seeds
Speaker: William Johnson, Ph.D., Pioneer Seeds
Mari Center - Stage Side
- Multi-Crop Session I**
Arsene-Belezaire Ballroom
Moderator: Harold Lambert
- 8:00 - 9:00 a.m. Cotton and Grain Seed Germination and Seedling Vigor Issues for
Consultants, LDAF, and Industry (Panel Discussion)
Rogers Leonard, Ph.D., Consultant
Lester Cannon, LDAF
David Johnston, LDAF
George Clements, Bayer (virtual)
Jeff Pangle, WinField United - Cropland and Armor Seed
- 9:00 - 9:20 a.m. What Could Weed Management Programs Look Like in the Future?
Daniel Stephenson, Ph.D., LSU AgCenter
- 9:20 - 9:25 a.m. Emerging Technologies
BASF
Connie Ware, Ph.D.
- 9:25 - 9:30 a.m. Emerging Technologies
FMC
John Lee
- 9:30 - 10:15 a.m. Soil and Tissue Test Based Nutrient Management for Corn,
Soybean, and Cotton
Rasel Parvej, Ph.D., LSU AgCenter



Thursday, February 10, 2022

Multi-Crop Session I (con't) *Arsene-Belezaire Ballroom*

10:15 - 10:45 a.m. **Refreshment Break** sponsored by *Syngenta Crop Protection*
Mari Center Exhibit Area



10:45 - 10:50 a.m. Emerging Technologies
Syngenta Crop Protection
Keith Burnell, Ph.D.

10:50 - 10:55 a.m. Emerging Technologies
Valent USA
Chris Meador, Ph.D.

10:55 - 11:00 a.m. Emerging Technologies
Helena Agri-Enterprises
Michael Kenty, Ph.D.

11:00 - 11:25 a.m. Development of Seed Treatment Biostimulants for Promoting
Soybean Growth and Health
Jong Ham, LSU AgCenter



11:25 - 11:35 a.m. Variety Selection Tool
David Moseley, LSU AgCenter

11:35 - 12:00 noon Cover Crops - Pros and Cons
Lisa Fultz and James Hendrix, LSU AgCenter

12:00 noon - 1:00 p.m. **Luncheon** sponsored by *Belchim Crop Protection*
Mari Center Stage Side
Technical Presentation(s)
Dennis Long, Nat'l Tech Service and Development Mgr.
Belchim Crop Protection
Nick Bateman, Ph.D., Extension Entomologist
University of Arkansas



UNIVERSITY OF
ARKANSAS

Multi-Crop Session II
Arsene-Belezaire Ballroom
Moderator: *Richard Costello, Ph.D.*

1:00 - 1:25 p.m. Nematode Management in Soybean, Corn, and Sweet Potato
Tristan Watson, Ph.D., LSU AgCenter

1:25 - 1:30 p.m. Emerging Technologies
Pivot Bio
Brandon Finch
Territory Sales Manager - Mid South



1:30 - 1:35 p.m. Emerging Technologies
Roots to Shoots/Kalo Corporation
Dick Woodward, Ph.D.

Thursday, February 10, 2022

Multi-Crop Session II (con't) *Arsene-Belezaire Ballroom*

- 1:35 - 2:00 p.m. **Selecting Sampling Methods and Control Tactics in Louisiana Soybeans**
Tyler Towles, Ph.D., LSU AgCenter
- 2:00 - 2:05 p.m. **Emerging Technologies**
Nichino America
David King
- 2:05 - 2:10 p.m. **Emerging Technologies**
RiceTec
Craig Hamm
- 2:10 - 2:40 p.m. **Identifying and Managing Important Corn Diseases in the Mid Southern U.S.**
Tom Allen, Ph.D., MS State University
- 2:40 - 2:55 p.m. **Evaluation of Phosphorus and Potassium Applications to Commercial Corn Fields in NE Louisiana**
Matt Foster, Ph.D., LSU AgCenter
- 2:55 - 3:15 p.m. **Soybean Disease Management and Research Update**
Boyd Padgett, Ph.D., LSU AgCenter
- 3:15 - 3:30 p.m. **Cercospora Leaf Blight of Soybean: Using the Disease Cycle to Target Disease Management**
Sara Thomas-Sharma, Ph.D., LSU College of Agriculture
- 3:30 - 4:00 p.m. **Refreshment Break** *sponsored by Pivot Bio*
Mari Center Exhibit Area
- Cotton Breakout Session I**
Hall of Chiefs
Moderator: *Boyd Padgett, Ph.D.*
- 4:00 - 4:30 p.m. **Cotton Variety Performance in Louisiana**
Matt Foster, Ph.D., LSU AgCenter
- 4:30 - 4:45 p.m. **Industry Technical Updates**
BASF - *James Harp*
Bayer - *Kyle Fontenot or Sammy Soignier*
PhytoGen Cottonseed - *Jonathan Siebert, Ph.D.*
- 4:45 - 5:10 p.m. **Nematode Management in Cotton**
Tristan Watson, Ph.D., LSU AgCenter
- 5:10 - 5:30 p.m. **Cotton Weed Control with Consideration to Limited Herbicide Availability and Increased Pricing**
Donnie Miller, Ph.D., LSU AgCenter



Thursday, February 10, 2022

5:30 - 6:00 p.m.

FREE TIME

6:00 - 7:00 p.m.



LACA Business Meeting
Arsene/Belezaire Ballroom



Sugarcane Breakout Session I
Arsene/Belezaire Ballroom
Moderator: *Scooter LaCoste*

4:00 - 4:30 p.m.

Insect Research, Update on Platinum, Sivanto, and Aphicides
Hannah Penn, Ph.D., USDA ARS SRC and
Blake Wilson, Ph.D., LSU AgCenter



4:30 - 4:55 p.m.

Sugarcane Fertility and Soil Amendments
Rich Johnson, Ph.D., USDA ARS SRC

4:55 - 5:20 p.m.

New Developments in Billet Planting
Jeff Hoy, Ph.D., LSU AgCenter

5:20 - 5:45 p.m.

Fundamentals of Nitrogen Loss/Nitrogen Stabilizers
Brenda Tubana, Ph.D., LSU AgCenter

5:45 - 5:50 p.m.

Industry Technical Updates
BASF - *Marc Grabert*

5:50 - 6:00 p.m.

FREE TIME

6:00 - 7:00 p.m.

LACA Business Meeting
Arsene/Belezaire Ballroom



Rice Breakout Session I
Chiqui Ballroom
Moderator: *Rusty Elston*

4:00 - 4:20 p.m.

Update on Herbicide Technology and Efficacy
Jason Bond, Ph.D., MS State University

4:20 - 4:40 p.m.

Insect Management in Row Rice
Nick Bateman, Ph.D., University of Arkansas

4:40 - 5:00 p.m.

Reconsidering Rice Stink Bug Thresholds in Southwest Louisiana
Crawfish Production Regions
Blake Wilson, Ph.D., LSU AgCenter

5:00 - 5:10 p.m.

Rogue SC Herbicide Update
Craig Sandoski, Ph.D., Gowan

5:10 - 5:20 p.m.

Max Ace Rice Update
Jason Meier, ADAMA



Thursday, February 10, 2022

Rice Breakout Session I (con't) Chiqui Ballroom

- 5:20 - 5:40 p.m. Stink Bugs and Armyworm Resistance Problems in NE Louisiana
Blake Wilson, Ph.D., LSU AgCenter
- 5:40 - 6:00 p.m. Furrow Irrigated Rice Weed Control
Ronnie Levy, Ph.D., LSU AgCenter
- 6:00 - 7:00 p.m. LACA Business Meeting
Arsene/Belezaire Ballroom



Friday, February 11, 2022

7:00 - 8:00 a.m. **Breakfast** sponsored by
Bayer



Technical Presentations:
Crop Protection - Sam Garris/Davy Mize
Seed and Trait - Kyle Fontenot/Sammy Soignier
Mari Center - Stage Side

Cotton Breakout Session II

Hall of Chiefs
Moderator: *Jay Frantom, Ph.D.*



- 8:00 - 9:00 a.m. Cotton Row Spacing and Growth Regulators
Jay Mahaffey, Bayer Scott Learning Center
- 9:00 - 9:30 a.m. Insecticide Selection Impacts on Cotton IPM
Don Cook, Ph.D., MS State University

9:30 - 10:00 a.m. ThryvOn Cotton: Considerations for Managing a New Bt Technology
Tyler Towles, Ph.D., LSU AgCenter

10:00 - 10:15 a.m. Cotton Picker Yield Monitors vs Reality
Matt Foster, Ph.D., LSU AgCenter

10:00 - 10:30 a.m. Refreshment Break sponsored by
Simplot Grower Solutions
Mari Center Exhibit Area



Sugarcane Breakout Session II

Arsene/Belezaire Ballroom
Moderator: *Kenneth Gravois, Ph.D.*

8:00 - 8:20 a.m. Fertilizer Placement/Center Coulter Trial Summary
Wilson Judice, ASCL

Friday, February 11, 2022

Sugarcane Breakout Session II (con't) *Arsene/Belezaire Ballroom*

8:20 - 8:45 a.m. **Outfield Yield Data/Methodology of Outfield Yield Data
Collection and Analysis**
*Kenneth Gravois, Ph.D., LSU AgCenter and
Herman Waguespack, ASCL*

8:45 - 9:10 a.m. **Sugarcane Weed Control**
Al Orgeron, Ph.D., LSU AgCenter

9:10 - 9:35 a.m. **John Deere Smart Clean/Yield Monitor: What Agronomists Need
to Know**
TBA

9:35 - 9:55 a.m. **Ripener Update**
Al Orgeron, Ph.D., LSU AgCenter

9:55 - 10:10 a.m. **Soybean-Sugarcane Rotation Budget Analysis**
Michael Deliberto, Ph.D., LSU AgCenter



Rice Breakout Session II
Chiqui Ballroom
Moderator: *Ronnie Levy, Ph.D.*



8:00 - 8:15 a.m. **Managing Beetles in Stored Rice**
Ethan Doherty, LSU College of Ag Ph.D. Student (Blake Wilson)

8:15 - 8:35 a.m. **Genetics of New Varieties and Source of Cercospora Susceptibility**
Adam Famoso, Ph.D., LSU AgCenter

8:35 - 8:50 a.m. **New Breeding and Genomic Selection Techniques**
Tommaso Cerioli, LSU College of Ag Ph.D. Student (Adam Famoso)

8:50 - 9:05 a.m. **Rice Disease Management Considerations**
Trey Price, Ph.D., LSU AgCenter

9:05 - 9:25 a.m. (*virtual*) **Flooded and Furrow Rice Agronomics**
Jarrod Hardke, Ph.D., University of Arkansas

9:25 - 9:40 a.m. **Corteva Update on Loyant and Novixid Uses**
Malori Lansing and Chris McClain

9:40 - 10:00 a.m. **Industry Technical Updates**
BASF - *Johnny Saichuk, Ph.D.*
Gowan - *Eric Bergeron*
Syngenta - *Keith Burnell, Ph.D.*
Valent USA - *Chris Meador, Ph.D.*

Friday, February 11, 2022

General Session

Arsene-Belezaire Ballroom

Moderator: *Jeremy Babin, 2022 LACA President*

10:30 - 11:10 a.m. *(virtual)* Basics of Herbicide Resistance Development in Weeds
*Muthukumar Bagavathiannan, Ph.D., Texas A&M University
Dept. of Soil and Crop Sciences*

11:10 - 11:30 a.m. A Retired Ag Professor's Experiences with a Hay Operation
Jim Griffin, Ph.D., LSU Professor Emeritus

11:30 a.m. - 12:00 p.m. Ag Update 2022
*Mike Strain, DVM, Commissioner
Louisiana Dept. of Agriculture & Forestry*



12:00 noon



Adjournment
Jeremy Babin, 2022 LACA President

Recertification
Joe Ingrao, LDAF Training and Certification



Audio/Visual Equipment and Facilitators provided by



2022 LATMC Program Planning Committee

Jeremy Babin, Chair
Dennis Burns
Stacia Davis Conger
Richard Costello
Dwayne Coulon
Justin Dufour
Rusty Elston
Jay Frantom
Joe Ingrao
Rich Johnson
Hank Jones

Harold Lambert
Andy Lanie
Rogers Leonard
Chad Nelson
Boyd Padgett
Cecil Parker
Carol Pinnell-Alison
Trey Price
Willie Remore
Lance Rodriguez
Johnny Saichuk

Derek Scroggs
Tara Smith
Justin Turner
Blaine Viator
Calvin Viator
Herman Waguespack
Tim White
Denise Wright

**Special Thanks to our 2022 Sustaining Members and those who
have so generously helped to sponsor the 2022 Louisiana
Agricultural Technology & Management Conference**

ADAMA

AgXplore

Albaugh, LLC

Guest Speaker

Amvac Chemical Corporation

Guest Speaker

Arkion Life Sciences

BASF

Luncheon

Bayer

Breakfast

Belchim Crop Protection USA

Luncheon

Scholarship

Calvin Viator, Ph.D. & Associates, LLC

Corteva Agriscience

Co-sponsor of Breakfast

FMC Agricultural Solutions

Refreshment Break

Gowan USA

Greenpoint Ag

Helena Agri-Enterprises, LLC

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Horizon Ag

Koch Agronomic Services

Lane Procurement Services LLC

Guest Speaker

Louisiana Land Bank, ACA

Scholarship

NACHURS

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Pest Management Enterprises

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Scholarship

PhytoGen

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Refreshment Break

Progeny Ag

RiceTec

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Roots to Shoots

SePro Corporation

Simplot Grower Solutions
Refreshment Break

Stoller USA

Syngenta Crop Protection
Refreshment Break

UPL

Valent USA

Waters Agricultural Laboratories, Inc.

Waypoint Analytical

Ray and Dorothy Young
Scholarship

