



# Preliminary 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](http://www.laca1.org)*

## Wednesday, February 9, 2022

7:00 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  
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

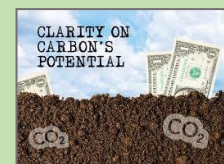
*Corteva Agriscience - Crop Protection Products  
Steve Crawford*



1:30 - 2:10 p.m.

### 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  
Scott Ludwig, 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 (Industry Presentation)

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 residing  
Scholarships (awarded by funding parties)*

## Wednesday, February 9, 2022

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

- 4:30 - 4:35 p.m. Emerging Technologies (Industry Presentation)
- 4:35 - 4:40 p.m. Emerging Technologies (Industry Presentation)
- 4:40 - 5:00 p.m. FFA Officer (TBA)  
Ray & Dorothy Young Endowed Assistantship Award Recipients (TBA)
- 5:00 - 6:30 p.m. **Networking Social** *sponsored by LACA*  
*Arsene-Belezaire Ballroom Foyer*  
*Cash Bar/Light hors d'oeuvres*



## 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*
- 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*  
*Jeff Pangle, 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*  
*Don Johnson*
- 9:30 - 10:15 a.m. Soil and Tissue Test Based Nutrient Management for Corn, Soybean, and Cotton  
*Rasel Parvej, Ph.D., LSU AgCenter*
- 10:15 - 10:45 a.m. **Refreshment Break** *sponsored by Syngenta Crop Protection*  
*Mari Center Exhibit Area*



**Thursday, February 10, 2022**

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

- 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 (Industry Presentation)
- 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 Technical Service and Development Mgr.*  
*Belchim Crop Protection*  
*Nick Bateman, Ph.D., Extension Entomologist*  
*University of Arkansas*



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**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.*
- 1:35 - 2:00 p.m. Selecting Sampling Methods and Control Tactics in Louisiana Soybeans  
*Tyler Towles, Ph.D., LSU AgCenter*



**Thursday, February 10, 2022**



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

- 2:00 - 2:05 p.m.                      **Emerging Technologies (Industry Presentation)**
- 2:05 - 2:10 p.m.                      **Emerging Technologies (Industry Presentation)**
- 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*
- 5:30 - 6:00 p.m.                      **FREE TIME**



**Thursday, February 10, 2022**

6:00 - 7:00 p.m.



**LACA Business Meeting**  
*Arsene/Belezaire Ballroom*

**Sugarcane Breakout Session I**

*Arsene/Belezaire Ballroom*  
Moderator: *Scooter LaCoste*



4:00 - 4:25 p.m.

**New Developments in Billet Planting**  
*Paul White, Ph.D., USDA ARS SRC and Jeff Hoy, Ph.D., LSU AgCenter*

4:25 - 4:40 p.m.

**Fertilizer Placement/Center Coulter Trial Summary**  
*Atticus Finger, ASCL and Wilson Judice, ASCL*

4:40 - 5:05 p.m.

**Outfield Yield Data/Methodology of Outfield Yield Data Collection and Analysis**  
*Herman Waguespack, ASCL and Kenneth Gravois, Ph.D., LSU AgCenter*

5:05 - 5:30 p.m.

**Fundamentals of Nitrogen Loss/Nitrogen Stabilizers**  
*Brenda Tubana, LSU AgCenter*

5:30 - 5:35 p.m.

**Industry Technical Updates**  
BASF - *Marc Grabert*

5:35 - 6:00 p.m.

**FREE TIME**

6:00 - 7:00 p.m.

**LACA Business Meeting**  
*Arsene/Belezaire Ballroom*



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**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*  
*Speaker(s): TBA*



- 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**  
*Angus Cachot, 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*



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- Sugarcane Breakout Session II**  
*Arsene/Belezaire Ballroom*  
*Moderator: Kenneth Gravois, Ph.D.*

- 8:00-8:25 a.m.                      **Sugarcane Fertility and Soil Amendments**  
*Rich Johnson, Ph.D., USDA ARS SRC*
- 8:25 - 8:50 a.m.                      **Insect Research, Update on Platinum, Sivanto, and Aphicides**  
*Hannah Penn, Ph.D., USDA ARS SRC and*  
*Blake Wilson, Ph.D., LSU AgCenter*



## Friday, February 11, 2022

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

- 8:50 - 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*



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### 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. Flooded and Furrow Rice Agronomics (*Virtual presentation*)  
*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.*  
FMC - *Don Johnson*  
Gowan - *Eric Bergeron*  
Syngenta - *Keith Burnell, Ph.D.*  
Valent USA - *Chris Meador, Ph.D.*



**Friday, February 11, 2022**

**General Session**

*Arsene-Belezair Ballroom*

Moderator: *Jeremy Babin, 2022 LACA President*

10:30 - 11:10 a.m.

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*

*All Sustaining Members and Sponsors will be listed here in the FINAL program to be distributed at the annual conference.*

