



Agenda

Official Name Badge Required for All Events!

NOA/NARC

San Antonio Marriott Riverwalk, San Antonio, TX

Nov. 29-Dec. 2, 2023

Wednesday, Nov. 29

- Noon NARC Registration
- 1-4:00 p.m. **NARC Session I – Fungal Diseases — Salon A**
- 1:15 p.m. Current Status of Stemphylium Leaf Blight in the Treasure Valley
 - 1:35 p.m. Airborne Stemphylium Vesicarium Spore Concentrations and Disease Development in Commercial Michigan Onion Fields
 - 1:55 p.m. The Challenges of Managing Stemphylium Leaf Blight of Onion
 - 2:15 p.m. Managing Stemphylium Leaf Blight of Onion in the Face of Severe Fungicide Resistance in New York
 - 2:35 p.m. Panel Discussion on Stemphylium
 - 3:05 p.m. Break
 - 3:25 p.m. The Potential of On-Site Testing for Onion Pathogens Using Isothermal Methods
 - 3:45 p.m. Survey of Genetic Diversity, Mycotoxin Production Capability, and Potential Fungicide Resistance of Aspergillus Niger in Vidalia Onions
 - 4:05 p.m. Fusarium Basal Rot Diversity and Ecology in California Allium Crops, from Seed to Storage
 - 4:25 p.m. Limiting Fusarium Basal Rot Losses in Allium Crops: AN SCRI Planning Grant to Establish National Needs and Priorities for Improving Management
 - 4:45- 5:45 p.m. Listening session for Fusarium SCRI Proposal
- 4:30-5:30 p.m. **NOA Exec & Finance Committee Meeting,**
Location TBA
- 6-8 p.m. **NOA/NARC Opening Recept. and Reg.**
River Terrace / Patio
- Dinner on your own**

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Thursday, Nov 30, 2023

7 – 8 a.m. NOA Registration continued — Salons C&D

7-8:30 a.m. NOA/NARC Breakfast Buffet — Salons C&D

8 a.m. -noon **NOA Committee Meetings**

8-10:30 a.m. Legislative/Industry, Export – Salon E

8:30-10:30 a.m. Promotions/Membership – Salon F

9-10 a.m. History — Bowie

10:30 a.m.-noon Environmental — Travis

10:30 a.m.-noon Food Safety — Salon F

10:30 a.m.-noon Meetings — Valero

10:30 a.m.-noon Nominations — Bowie

9 a.m.-noon **NARC Session II – Bacterial Diseases — Salon A**

- 9 a.m. A Micro- and Macro-Perspective of Bacterial Pathogens Affecting Onion in Georgia
- 9:20 a.m. Exporting Intuition: Harnessing the Power of Natural Language Processing for Determining Thiosulfinate Tolerance-like Gene Clusters Across a Spectrum of Bacterial Species
- 9:40 a.m. Evaluation of Systematic Spray Programs to Reduce Onion Center Rot
- 10 a.m. Rolling Onions that are 'Dying Standing Up' to Stop the Rot
- 10:30 a.m. Break with Poster Session with Authors — **Salon B and Ballroom Foyer**

Poster Presentations

1. Early Season Infection of Onions and Barley By Stemphylium Vesicarium
2. Resistance to Multiple SDHI Fungicides in Stemphylium Vesicarium
3. Fungicides for the Management of Onion Downy Mildew
4. Impact of Straw Mulch on Onion Growth in the Treasure Valley
5. Development of a Real-Time Lamp Assay for the Detection of Pantoea Agglomerans in Onions
6. Selection Progress for Reduced Iris Yellow Spot Symptoms of Onions
7. Identification of a New Enterobacter Species: A Concern to Onion Crops in South Georgia?
8. Suppression of Pink Root Symptoms with Drip Application of Fungicides
9. Determining the Relative Sulfur Uptake Potential of Various Soil Horizons in the Vidalia Region
10. Evaluation of Systematic Spray Programs to Reduce Onion Center Rot
11. Evaluation of Insecticide Application Plan to Manage Thrips for Sweet Onions in Texas
12. Evaluation of Cultural Practices to Reduce Center Rot in Vidalia Onion
13. Cultural Practices to Reduce Center Rot in Vidalia Onion
14. The 19 CU Doubled Haploid Lines in the USDA Germplasm Collection
15. Possible New Method for Controlling Early Season Weeds in N.M. Onion

8:30 a.m.-noon NOA/NARC Spouse/Friend Event – San Antonio Missions Tour



The San Antonio Missions are a UNESCO World Heritage Site you won't want to miss, filled with history and religious importance. Get the full story on the area that consists of five missions close together from a guide who knows the area and its past well. *Participants will load onto an air-conditioned bus at 8:30 a.m. from the hotel lobby and return in time for lunch.*

Noon – 1:00 p.m. NOA/NARC Lunch — Salons C&D

1 p.m. NOA General Session & Trustee Meeting — **Salons C&D**

- Call to Order-Delbert Gehrke/President
- Reading of Minutes
- Announcements
- Reports: Greg Yielding, Chief Executive
- René Hardwick, Director of Public and Industry Relations
- Reports of Committees/Officers
- Unfinished business/New business

1:30-3 p.m. NARC/NOA Combined Session — Salons C&D

- 1:30 p.m. FDA Food Safety Presentation
- 1:45 p.m. Onion Market Report, by John Harris, Paradigm Fresh
- 2 p.m. “Stop The Rot” project update, by Michael Derie, Washington State University
- 2:30 p.m. Spread of Onion From Central Asia to the World, by Dr. Michael Havey, UW-Madison
- 3 p.m. **Break**

3:15 - 5 p.m. NARC Session III – Production — Salon A

- 3:15 p.m. Maggot Mayhem: How to Protect Onions from Maggots in an Era Without Lorsban
- 3:35 p.m. Efficacy of Chemical and Biological Nematicides for the Management of Stem and Bulb Nematode, *Ditylenchus Dipsaci*, in Garlic
- 3:55 p.m. Improving Irrigation and Nitrogen Management Practices in California Desert Onions
- 4:15 p.m. Influencing Soil Temperature to Maximize Onion Yield and Quality Adaptation of Agrobotics in High Organic Soils
- 4:55 p.m. Spatial Variability of Soil Characteristics Are Associated with Vidalia Onion Pungency and Yield

5:30-7:30 p.m. South Texas Onion Committee Reception

Southline Residences, 226 Newell Ave., San Antonio, TX 78215.

Networking, hors d'oeuvres, beer and wine.

Dinner on your own

8 p.m. **NARC Root and Bulb Vegetable Crop Germplasm Committee — Bonham Room**

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Friday, Dec 1, 2023

- 7-8:30 a.m. **NOA/NARC Breakfast Buffet — Salons C&D**
- 8-10 a.m. **NARC Session IV – Breeding and Genetics — Salon A**
- 8 a.m. Digital Imaging of Onion Bulbs for Selection and Market Class Assignment
 - 8:20 a.m. Toward Transgene-free Gene Editing in Onion
 - 8:40 a.m. Extraction and Identification of Antifungal Steroidal Saponins to Combat Fusarium Basal Rot in Short-Day Onion Cultivars
 - 9 a.m. High-Throughput Phenotyping for Estimating Thrips Damage and Iris Yellow Spot Severity on Onion Foliage
 - 9:20 a.m. Genetic Analyses of Day-Length Effects on Bulbing and Flowering of Onion
- 10:15 a.m. Meet to load buses for Texas A&M AgriLife and Cargil Farms Ag Tour
- 10:30 a.m.-4 p.m. **Texas A&M AgriLife Tour and Cargil Farms Tour**
- 1: **Lunch** - Sul Ross University (Auditorium) 2623 Garner Field Rd, Uvalde, TX 78801
 - 2: **Texas A&M AgriLife Center, 1619 Garner Field Road, Uvalde, TX, 78801**
 3. **Cargil Farms Packing Shed, 6868 FM 117 Uvalde, Texas 78801**
- 6-7 p.m. **NOA/NARC Reception — Salons C&D**
You can still buy raffle tickets; just find a NOA trustee or see Courtney, Greg or René
- 7:30-9:30 p.m. **Banquet Dinner/ Recognitions / Raffle — Salons C&D**

Saturday, Dec 2, 2023

- 7-9 a.m. **NOA/NARC Breakfast**
Salons C&D
NOA Crop Reports
NARC Business Meeting
- 9 a.m – noon **NARC SCRI Mechanical**
Harvest Grant Meeting
— Bowie
- Lunch on your own
Adjourn