

Virtual Missouri Tomato Conference

Thursday & Friday, May 20 & 21, 2021

Southwest Research Center, Mt Vernon, Missouri

Tomatoes are Missouri's biggest selling specialty crop but they can be a challenging crop to grow successfully. Whether you grow in the field or under cover, you won't want to miss this conference featuring nationally known experts, as well as regional experts and local successful tomato farmers.



For additional brochures and registration forms go to:
webbcityfarmersmarket.com

Sponsors of the Conference:



The Missouri Department of Agriculture has funded a portion of this project, through a Specialty Crops grant.

UNIVERSITY OF MISSOURI
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The Webb City
Farmers Market



Virtual Missouri Tomato School

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<https://www.youtube.com/watch?v=wSTourZaSnA> includes single presentations & Tract 1.
<https://www.youtube.com/watch?v=8b6sDG0io60> includes Tract 2 only. All sessions will be recorded and registered attendees will be notified when available online.

Thursday, May 20

8:45—**Welcome**

9:00 am - 10:00 - **Keeping 'Em Fresh—Optimizing Shelf Life for Your Tomatoes** —
Joe Kemble

10:00—11:00 - **So, You Want to Grow Greenhouse Tomatoes** – Rick Snyder

Break

11:15 - 12:15 – **The ABC's of Plasticulture, Fertigation, & Irrigation of Field & High Tunnel Tomatoes – Part 1** – Joe Kemble

12:15 - 1:30 pm - **Break**

1:30 - 2:30 pm - **Concurrent Sessions**

Track 1: Disease Management 1— Bacterial and Virus Diseases of Tomato —
David Trinklein (virtual)

Track 2: Greenhouse and High Tunnel tomatoes

When Bad Things Happen to Good Tomatoes – Rick Snyder

2:30 - 3:30 – **Recent Developments with Tomato Grafting** - Cary Rivard

Break

3:45—4:30—**Concurrent Sessions**

Track 1: The Farmer Experience — Andre Gradinaru, Gardiners Orchard

Track 2: Disease Management 2 — Fungal Diseases of Tomato – Jaimin Patel

4:30- 5:30 - **The ABC's of Plasticulture, Fertigation, & Irrigation of Field & High Tunnel Tomatoes – Part 2** – Joe Kemble

All presentations subject to change.

Friday, May 21—We are unable to live stream the farm tours and on-farm demonstrations led by our presenters but a video will be compiled of the tours and available online. Registered virtual attendees will be notified when the video is posted.

Presenters

Dr. Rick Snyder, Mississippi State University – Dr. Snyder is Extension/Research Professor at the Truck Crops Experiment Station in Crystal Springs, MS. His educational background includes a B.S. from the University of Connecticut, an M.S. from Ohio State University, and Ph.D. from Cornell University, all in horticulture. His areas of specialty include commercial production of greenhouse tomatoes and other vegetables, as well field vegetables. Dr. Snyder hosts the well-known Mississippi Greenhouse Tomato Short Course, now in its 28th year, and is a highly sought speaker on all aspects of greenhouse tomato production. He has been a greenhouse columnist for American Vegetable Grower Magazine for 27 years, and also a monthly columnist for Mississippi Gardener Magazine.



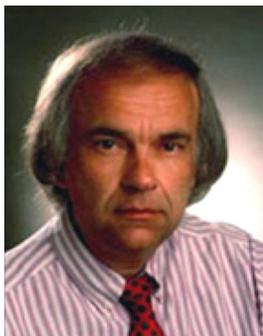
Dr. Joe Kemble, Auburn University - Dr. Kemble is Extension Vegetable Specialist & Professor at Auburn University, AL. He is the senior editor of the annual Vegetable Crop Handbook for the Southeastern US, and works extensively with all aspects of tomato production. His educational background includes degrees from University of Delaware and North Carolina State University. Dr. Kemble's research program focuses on use of cover crops and reduced tillage for vegetable production, nutrient management, double cropping using plasticulture. His extension appointment includes work with farms of all sizes in solving production problems, developing irrigation and fertigation schedules, improving cultural practices, designing irrigation systems, and encouraging vegetable growers to try new or different ideas and alternative crops through on-farm research and demonstrations.

Dr. Cary Rivard, an associate professor and extension specialist, is director of the K-State Olathe Horticulture Center. He was born and raised near Kansas City, and received his B.S. in agricultural sciences and biology from Truman State University in Kirksville, Missouri. Cary completed his M.S. and Ph.D. in Plant Pathology at North Carolina State University and started at K-State in 2011. His current research includes organic and sustainable vegetable production, tomato grafting, and high tunnel production.



Dr. Jaimin Patel is an Assistant Professor of Plant Pathology at Lincoln University focused on the study of diseases of industrial hemp and specialty crops. He is interested in applying creative and innovative approaches for control of

important plant diseases. His other interests include identifying novel antimicrobial molecules, understanding visible and UV lights for disease control, studying fungicide resistance mechanisms in plant pathogens, characterizing phytotoxin produced by plant pathogens, understanding host-pathogen interactions, implementing disease control methods in organic agriculture, studying factors affecting pathogen biology, and identifying new and emerging plant diseases.



Dr. David Trinklein is an Adjunct Associate Professor of Plant Sciences and State Floriculture Specialist in the College of Agriculture, Food and Natural Resources at the University of Missouri. He teaches courses in greenhouse management, herbaceous ornamental plants, high tunnel vegetable production, and undergraduate seminar. His extension responsibilities include greenhouse management and the Missouri Master Gardener Program. His research interests include high tunnel technology and sustainable production.

Organizing Committee:

Patrick Byers (far right) is field specialist in horticulture with the Webster County office of University of Missouri Extension with extensive experience in field & protected tomato production.

Shon Bishop (near right) is a Small Farm Specialist for the Innovative Small Farmers Outreach Program ISFO with extensive experience in high tunnel installation.



Robert Balek (left) is a field specialist in horticulture with the Jasper County office of University of Missouri Extension & works with tomato growers in Southwest Missouri.

David Middleton (right) grew up on a diversified grain & livestock farm near Laddonia, MO & graduated from the University of Missouri with a B.S. & M.S. in Animal Science. David joined Lincoln University Cooperative Extension (LUCE) in 2014 as the Farm Outreach Worker (FOW) for Lawrence & Greene Counties.



Kelly McGowan (left) serves as a University of Missouri Extension Field Specialist in Horticulture. Areas of concentration include vegetable production and soil fertility. Kelly obtained her Bachelor of Science degree in Horticulture from Missouri State University's Darr School of Agriculture. She received her Master of Science degree in Natural Resources and Agroforestry through the University of Missouri.

Eileen Nichols is a volunteer with the Webb City Farmers Market.