



PLANNING PARTNERS



EXTENSION & PLANT SCIENCE AND LANDSCAPE ARCHITECTURE



PLANNING COMMITTEE MEMBERS

Nancy Barrett
Joe Bonelli
Frances Champagne
Mary Concklin
Donny Dzen

Shuresh Ghimire Bruce Gresczyk Jr Ana Legrand Evan Lentz Lauren Manuck
Maggie Ng
Eric Peterson
Leigh Whittinghill
Michaele Williams

NEW CONFERENCE COMMITTEE MEMBERS WANTED!

If you are interested in joining the committee for the 2025 conference, please email tolland@uconn.edu



AGENDA

Trade show: 8:00-8:55, 10:00-10:45, 12:00-1:00

8:00 AM	Registration, breakfast, socialize, visit trade show Morning Moderator - Shuresh Ghimire, UConn Extension
8:55 AM	Welcome: Amy Harder, Associate Dean of UConn Extension
9:00 AM	Bramble: summer vs fall Mary Concklin, UConn Extension
9:30 AM	Agricultural Labor Update Heather Callahan, US Department of Labor
10:00 AM	Announcements
10:15 AM	Break
10:45 AM	High tunnel tomato nutrient management: findings from on-farm research Rebecca Brown, University of Rhode Island Josef Gorres, University of Vermont
11:15 AM	Niche crop Aronia Evan Lentz, UConn Extension
11:45 AM	Research update: Alternaria on brassicas in CT Roy Davis, UConn
11:55 AM	Research update: Understanding nematode parasitism to design better management strategies. Raquel Rocha, CAES
12:05 PM	Lunch break/trade show Afternoon Moderator - Evan Lentz, UConn Extension
1:00 PM	Innovation in fertigation for small fruit crops Trevor Hardy, Brookdale Fruit Farm, NH
1:30 PM	Biodegradable Plastic mulch for specialty crop production Shuresh Ghimire, UConn Extension Charlie (Yingxue) Yu, CAES
2:00 PM	Mesotunnels for cucurbit production Sarah Pethybridge, Cornell University
2:30 PM	Research update: Vegetable K/P fertility trials and use of biochar Nora Doonan, UConn
	Research update: Trap crops and insectary plants Ana Legrand, UConn
	Research update: Plant virus diagnostics and control- grapevine virus and potato virus. Washington DaSilva, CAES
	Research updates: Spotted lantern fly Claire Rutledge, CAES
3:10 PM	Crop insurance options for CT farmers and FAQ

Colleen Kisselburgh, Arthur Carroll Insurance Agency

MARY CONCKLIN

Bramble: summer vs fall.

Mary is the retired UConn fruit specialist. She is the owner and operator of Raspberry Knoll Farm in N. Windham CT, growing brambles, blueberries, strawberries, flowers, herbs and vegetables. Her talk will cover growing raspberries and will include information about managing key pests and diseases.

SARAH PETHYBRIDGE

Mesotunnels for cucurbit production.

Dr. Sarah Pethybridge is an Associate Professor of Plant Pathology at Cornell AgriTech, Geneva, New York. Her talk will summarize a study that evaluated strategies to optimize pollination and performance (plant health and fruit yield) of muskmelon and acorn squash in an organic mesotunnel. Mesotunnels are a medium-size tunnel (36-42 in. high) in which a nylonmesh, breathable fabric (e.g., ProtekNet or ExcludeNet), is placed over hoop structures above the plant canopy and the fabric is secured to the ground. Pesticides can be applied through the fabric without the need for lifting and breaking the exclusion barrier. Mesotunnels therefore have the potential to offer full-season crop protection but naturally occurring pollinators are excluded.

High tunnel tomato nutrient management: findings from on-farm research in CT and RI.

REBECCA BROWN

Dr. Rebecca Brown is a Professor and the faculty leader for the peri-urban vegetable production research and extension program at the University of Rhode Island. She will co-present with Dr. Josef Görres, sharing the key findings from high tunnel on-farm trials from CT and RI monitoring nitrogen and phosphorus in high tunnel soils. Dr. Brown was the Project Director on this high tunnel project.

JOSEF GORRES

Dr. Josef Görres, Assistant Professor and soil scientist at the University of Vermont was the soil scientist on this high tunnel project. He will demonstrate an interactive web app to estimate the distribution of nutrients in the high tunnel soils.

EVAN LENTZ

Aroniaberry: a not-so-new opportunity to diversify for fruit and vegetable growers.

Evan Lentz is an Assistant Extension Educator specializing in commercial fruit production and IPM at the University of Connecticut. His presentation will evaluate Aroniaberry as a possible novel fruit crop for farm diversification and provide recent research updates that have set forth new production standards to make adoption easier.

Roy Davis

Research update: Alternaria on brassicas in CT

Roy Davis joined the UConn Department of Plant Science and Landscape Architecture in 2022 as postdoctoral researcher working with Dr. Sydney Everhart. His current research is focused on examining the population genetics of Alternaria brassicicola. Roy is also an instructor for Principles and Concepts of Agroecology and Environmental Sustainability of Food Production in Developed Countries. In this talk, Roy will provide an update on species ID and fungicide sensitivity of causal fungi, which could inform farmers' IPM decisions.

RAQUEL ROCHA

Research update: Understanding nematode parasitism to design better management strategies.

Dr. Raquel Rocha is an Assistant Agricultural Scientist II at the CAES, where she studies how plant pathogenic nematodes respond dynamically to their environment and cause disease. Root-knot nematodes (RKN) are grouped into over 100 species and races occurring worldwide, capable of attacking over 5,000 species of plant hosts. Thus, the diversity of RKN species, their broad distribution, and their wide range of plant hosts raise the challenge of tailoring RKN management strategies to meet the grower's needs. The research conducted by the Rocha Lab at CAES aims to identify molecular components required for plant root-knot development and nematode nutrient acquisition. This is a critical step towards uncovering a promising source of future control targets for developing RKN resistance in crops of interest.

TREVOR HARDY

Innovation in fertigation for small fruit crops.

Trevor is a 7th generation fruit and vegetable farmer with a degree in Industrial Engineering. He built and operates Brookdale Farm Supplies, the largest irrigation and row crop supplies company in New England. Trevor will talk about innovations in tools for soil moisture, soil and tissue analysis, and other tools for fertigation for small fruit systems.

SHURESH GHIMIRE

Biodegradable plastic mulch for specialty crop production.

Dr. Shuresh Ghimire is a UConn Extension Vegetable Specialist. His talk will cover introduction to biodegradable plastic mulch (BDM), rationale for BDM use, application, impacts on crops, limitations on use in certified organic production in the US, and BDM degradation in soil and its impacts on soil.

CHARLIE (YINGXUE) YU

Dr. Charlie (Yingxue) Yu is an assistant scientist at CAES. She will cover infield degradation of BDM and the potential accumulation of residues after continuous yearly application.

NORA DOONAN

What's New in Soil Fertility and Soil Health Research?

Nora Doonan is a Master's student studying soil science in the Department of Plant Science and Landscape Architecture and research assistant in the soil fertility and soil health program, led under Dr. Haiying Tao. She will highlight the laboratories current research efforts on soil testing, nutrient recommendations, soil amendment, and cover cropping.

ANA LEGRAND

Insect pest management research update.

Dr. Ana Legrand is an entomologist with the Department of Plant Science & Landscape Architecture at UConn. She will present an update on current projects dealing with cole crop caterpillars and potato leafhopper.

HEATHER CALLAHAN

An update on agricultural labor.

Heather Callahan is the Community Outreach and Resource Planning Specialist (CORPS) with the U.S. Department of Labor, Wage and Hour Division (WHD), in Hartford. Heather has been the community outreach representative for the past 7 years providing compliance assistance, education, and training to employers, workers, advocates, and other stakeholders. Heather will review labor standards in agriculture, including:

- Federal minimum wage, overtime, recordkeeping, and child labor requirements under the Fair Labor Standards Act (FLSA). Learn about when overtime pay is due to agricultural workers.
- Employment standards related to wages, housing, transportation, disclosures, and the use of farm labor contractors under the Migrant and Seasonal Agricultural Worker Protection Act (MSPA). (cont.)
- Field sanitation provisions regarding toilets, cool potable drinking water, and hand-washing facilities under the OSHAct.
- Recruitment, wages, housing, transportation, and recordkeeping requirements under the H-2A temporary, non-immigrant agricultural worker visa program.

WASHINGTON DASILVA

The fight continues: Developing vaccine-like therapeutics to control plant pathogens.

Dr. Washington da Silva is a virologist with expertise in virus diagnoses, bioinformatics, nanotechnology, and molecular biology. Dr. da Silva is an associate scientist at the CAES and an adjunct associate professor at the University of Connecticut. He received his Ph.D. in virology from Cornell University. In this talk, he will discuss some of his research on using nanoparticles as carriers of RNA molecules to develop "therapeutic vaccines" to control plant pathogens.

CLAIRE RUTLEDGE

Research updates: Spotted lantern fly.

Dr. Rutledge will present a summary of the current research projects on spotted lanternfly biology and management being done at CAES. One project is examining egg-laying behavior, what makes a site attractive to oviposit, and can we provide those sites to allow for easier removal and containment? Another project is focused on the chemosensory world of SLF, which ultimately may lead to effective lures for management. Finally, third project seeks to understand how SLF moves through the landscape.

COLLEEN KISSELBURGH

Crop insurance options for CT farmers and FAQ.

Colleen Kisselburgh is a Crop Insurance Agent with over 30 years' experience serving farmers in CT and co-owner of the Arthur Carroll Insurance Agency. In her talk, Colleen will discuss crop insurance policy options available to CT farmers and answer frequently asked questions regarding crop insurance.

EXHIBITORS

American Farmland Trust

www.farmland.org
jfine@farmland.org
AFT is working to save the land that sustains us by
protecting farmland promoting sound farming
practices and keeping farmers on the land.

Arthur Carroll Insurance Agency

www.arthurcarrollcrop.com ckisselburgh01@snet.net Crop Insurance

Buxton Hollow Farm Natural Products

www.buxtonhollowfarm.com
BuxtonHollowFarm@gmail.com
A small family owned business that manages soil testing and creates custom mineral mixes for farms and gardeners throughout New England.

Brookdale Farm Supplies www.brookdalefruitfarm.com

tractortrv@aol.com
As a 7-generation family farm located in South-Central New Hampshire, we leverage our growing experience to supply specialty equipment, harvest containers, irrigation/filtration, growing supplies and row covers....we've got you covered!

CaroVail, Inc.

www.carovail.com jmatthews@carolina-eastern.com CaroVail provides a full range of service offerings including field maintenance, crop protection products, state – of – the art field mapping and soil analysis services, and more.

EXHIBITORS

Connecticut Agricultural Experiment Station

https://portal.ct.gov/caes caes@ct.gov

CT Greenhouse

ctgreenhouse.com aaron@ctgreenhouse.com

CT Greenhouse is a Connecticut based farmerowned greenhouse and high tunnel manufacturer offering custom designed solutions to growers of all sizes

Connecticut Department of Agriculture

https://portal.ct.gov/DOAG

The Department of Agriculture will benefit the citizens of the state through proactive programs that address the issues of the changing face of agriculture.

Connecticut Farm Bureau Association

www.cfba.org info@cfba.org

CFBA is a non-profit membership and advocacy organization representing all of CT agriculture.

CT Paid Leave Authority

ctpaidleave.org nancy.barrow@ct.gov CT Paid Leave - Income replacement for FMLA reasons.

Fish Brew

www.fishbrew.com Hello@fishbrew.com

A brand of organic natural and sustainable living soil supplements and fertilizers for the home garden lawn farm and orchard.

Farm Credit East

www.farmcrediteast.com
Samantha.stjean@farmcrediteast.com
Farm Credit East is a financial cooperative
providing credit and financial services to farmers,
commercial fishermen, forest products producers
and agribusinesses in Connecticut, Maine,
Massachusetts, New Hampshire, Rhode Island,
New York, New Jersey and Vermont.

Griffin Farm Equipment

griffinfarm@aol.com

Sales & Service for vegetable planting cultivating and fertilizing equipment (carrousel finger and vacuum seeders) MaterMacc Wizard Checchi Magli

Johnny's Selected Seeds

www.johnnyseeds.com egolonka@johnnyseeds.com Our mission is helping families friends and communities to feed one another by providing superior seeds tools information and service.

Lyman Insurance Agency

lymaninsure.com jlyman@american-national.com The Lyman Agency LLC is a n

The Lyman Agency, LLC., is a multi-line agency that prides itself in understanding our clients and providing fast, and friendly client service. We pride ourselves in handling challenging cases and making the complex simple.

New England Seed Co

www.neseed.com mmaturo@neseed.com Seeds in packets pounds commercial varieties heirlooms and organics.

EXHIBITORS

Nine Pin Cider

www.ninepincider.com
danielle@ninepincider.com
Nine Pin Cider based out of Albany NY private
labels shelf-stable non-alcoholic sparkling cider for
farms orchards businesses and more.

Nutrien Ag Solutions

www.nutrienagsolutions.com
Bill.syme@nutrien.com
Nutrien Ag Solutions® is the retail division of
Nutrien® Ltd., the world's largest crop inputs
company. We provide full-acre solutions through a
network of trusted crop consultants at more than
1,700 global locations.

OESCO Inc.

www.oescoinc.com info@oescoinc.com Supplying growers gardeners and foresters with professional equipment tools parts and service since 1954.

Progressive Grower Agricultural Supply

www.progressivegrower.com info@progressivegrower.com New England's Premier Agricultural Supply Company

Rimol Greenhouse Systems

rimol.com rrimol@rimol.com Greenhouse Structures

Shawnee Cannery & More

www.wheredyafindthat.com wyftrep@gmail.com Private Label Gourmet Foods. All products are proven sellers in Farm Stands and Country Stores.

The Carrot Project

www.thecarrotproject.org info@thecarrotproject.org The Carrot Project helps New England farm and food entrepreneurs develop financial management skills access capital and build resilient businesses.

The New Connecticut Farmer Alliance

nctfaclimate@gmail.com
The New CT Farmer Alliance brings together
growers from all over the state to build a more

successful and diverse agricultural community.

UConn Extension RMA

www.newctfarmers.com

joseph.bonelli@uconn.edu Risk Management Project designed to provide information to develop Risk Management Strategies to Manage and Mitigate Farm Risk.

UConn Extension IPM

ipm.cahnr.uconn.edu

shuresh.ghimire@uconn.edu
The UConn IPM program educates growers and
the general public about the judicious and safe
use of organic and synthetic pesticides and
alternative pest control methods.

UConn Extension Solid Ground Program

www.newfarms.uconn.edu/solidground jiff.martin@uconn.edu

The UConn Extension Solid Ground Program focuses on setting up new and beginning farmers to succeed as they start their journeys. They provide in-person trainings/workshops, informational videos, online resources and other elearning tools on a variety of topics to help farmers create a solid foundation for their farm businesses to thrive.

EXHIBITORS

UConn Extension Food Safety

foodsafety.uconn.edu
indu.upadhyaya@uconn.edu
UConn Extension Produce safety Program.

USDA Farm Service Agency

www.fsa.usda.gov/state-offices/Connecticut/index Claire.Staby@usda.gov

The Connecticut division of the Farm Service Agency (FSA) offers farmers a variety of assistance through farm programs, farm loans and ad hoc disaster programs. Our employees work with farmers daily to identify assistance we can provide for their specific operations.

USDA NRCS

https://www.nrcs.usda.gov/
vivian.felten@usda.gov
NRCS soil conservationists, soil scientists,
agronomists, engineers, planners, and other
specialists promote land stewardship by providing
technical assistance on all of Connecticut's
landscapes: agricultural, wetlands and riparian
areas, suburban, rural, urban, and forested.

USDA-Risk Management Agency

rma.usda.gov rsonc@usda.gov

The United States Department of Agriculture's (USDA) Risk Management Agency (RMA), created in 1996, serves America's agricultural producers through effective, market-based risk management tools to strengthen the economic stability of agricultural producers and rural communities.

US Department of Labor

www.dol.gov/agencies/whd callahan.heather@dol.gov

Vestaron Corporation

www.vestaron.com kfarnsworth@vestaron.com Peptides for pest management.

W. Atlee Burpee Co. Farmer's Market

www.burpee.com/farmers-market jbonin@burpee.com

The W. Atlee Burpee Co. now offers a handpicked selection of seeds in larger quantities for market growers and community-supported agriculture (CSA).

Wellscroft Fence Systems LLC

www.wellscroft.com info@wellscroft.com

Specializing in deer and wildlife exclusion for the protection of small fruit orchards and crops and the protection and containment of livestock.





SCAN QR CODE FOR CONFERENCE EVALUATION

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SILVER SPONSORS







Griffin Farm Equipment

CT Greenhouse

Structures & Supplies



RESOURCES FOR GROWERS

UConn Vegetable IPM Program

https://ipm.cahnr.uconn.edu/vegetable-ipm-program/

UConn Fruit IPM Program

https://ipm.cahnr.uconn.edu/fruit/

Connecticut Agricultural Experiment Station (CAES) Plant Disease Information Office

https://portal.ct.gov/CAES/PDIO/PDIO-Home/PDIO-Home

New England Vegetable Management Guide

https://nevegetable.org/

★ Northeast Vegetable and Strawberry Pest Identification Guide

https://nevegetable.org/sites/nevegetable.org/files/Pest_ID_2018_no%20cover%20date.pdf

New England Small Fruit Management Guide

https://ag.umass.edu/fruit/ne-small-fruit-management-guide

New England Tree Fruit Management Guide

https://netreefruit.org/

New England Vegetable and Fruit Conference 2024

https://newenglandvfc.org/

UConn Plant Diagnostic Lab

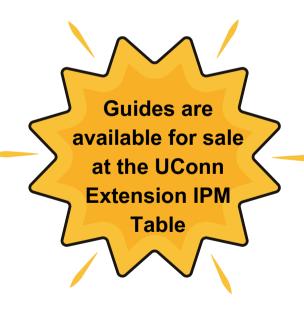
https://plant.lab.uconn.edu/

UConn Hot Water Seed Treatment Service

https://plant.lab.uconn.edu/hwst/

UConn Extension Services

https://cahnr.uconn.edu/extension/services/



NOTES

PLATINUM SPONORS





FARM CREDIT EAST



