



CAES

The Connecticut Agricultural Experiment Station
Putting Science to Work for Society since 1875

The 113th Plant Science Day



#CT_CAES

Wednesday, August 2, 2023 • 10am-4pm

— Free Admission —

OPEN HOUSE

THE CONNECTICUT AGRICULTURAL EXPERIMENT STATION

LOCKWOOD FARM - 890 EVERGREEN AVENUE, HAMDEN, CT

THE SAMUEL W. JOHNSON LECTURE • PRESENTATIONS ON RESEARCH • BARN EXHIBITS • PESTICIDE CREDITS
FIELD EXPERIMENTS • TECHNICAL DEMONSTRATIONS • CENTURY FARM AWARD • PASSPORT FOR CHILDREN



Gil Simmons is the Chief Meteorologist, **WTNH NEWS 8**. Gill Simmons joined Storm Team 8 in February 2003. Gil served on active duty in the United States Marine Corps as a meteorologist/oceanographer for six years forecasting weather conditions all over the world from 1990 to 1996. He then moved back to Connecticut to attend WCSU and forecast the weather locally. Gil received two Emmy nominations for his weather coverage in Connecticut and was awarded 2002 Best Weathercast in Connecticut by the Associated Press. A native of Foster, Rhode Island and Killingly, Connecticut, Simmons is a graduate of Western Connecticut State University and a member of the American Meteorological Society. He is one of a limited number of meteorologists with the prestigious Certified Broadcast Meteorologist seal of approval from the American Meteorological Society. Hobbies include studying the weather, exercising, snowmobiling & gardening. Gil also sets time aside to participate in a variety of community fundraisers and events. He looks forward to delivering the weather every weekday morning on NEWS 8, twitter, facebook and instagram too!
Title Of Presentation: Forecasting The Weather In Connecticut: Small State, Big Challenges.



New Haven 203.974.8500 • Toll-free 877.855.2237 • portal.ct.gov/caes

The Experiment Station is a state-supported scientific research institution where theory and practice have marched together to improve the well-being of Connecticut.

DIRECTIONS: FROM INTERSTATE 91 TRAVELING NORTH: Take Exit 10. Follow the Route 40 connector for 3.1 miles. Turn right onto Whitney Avenue (Route 10) and go north for 0.6 miles. Turn left onto Evergreen Avenue at the traffic light; go 0.1 mile and turn right onto Kenwood Avenue. The farm is on the left; enter the 2nd driveway.

TRAVELING SOUTH: Take Exit 10. Follow the Route 40 connector for 3.0 miles. Turn right onto Whitney Avenue (Route 10) and go north for 0.6 miles. Turn left onto Evergreen Avenue at the traffic light; go 0.1 mile and turn right onto Kenwood Avenue. The farm is on the left; enter the 2nd driveway.

The 113th Plant Science Day

Wednesday, August 2, 2023

NO PETS, PLEASE.
SERVICE
ANIMALS ONLY.
RAIN OR SHINE
FREE ADMISSION

Gates open at 9:30 am
Programs begins at 10:00 am • Event 10:00 am - 4:00 pm



10:00 a.m. – 10:15 a.m. PAVILION
MORNING GREETING AND OPENING REMARKS
Jason C. White, Ph.D., Director
The Connecticut Agricultural Experiment Station

10:15 a.m. - 10:45 a.m. PAVILION
Anuja Bharadwaj, Ph.D., Assistant Agricultural Scientist II,
Department of Analytical Chemistry, Analysis of Marijuana Products for Cannabinoids

10:15 a.m. – 10:35 a.m. TECHNICAL DEMONSTRATION TENT
(20-minute demonstration, repeated twice during the day, 10:15 a.m. & 2:30 p.m.)
Mark Creighton, Agricultural Research Technician I, Department of Entomology, *Beekeeping in Connecticut, Planting Plant Palynator Habitat*

10:40 a.m. – 11:00 a.m. TECHNICAL DEMONSTRATION TENT
(20-minute demonstration, repeated twice during the day, 10:40 a.m. & 3:15 p.m.)
Felicia Millett, Agricultural Research Technician I, Department of Plant Pathology and Ecology, *Pruning Woody Plants*

10:45 a.m. - 11:05 a.m. PAVILION
CENTURY FARM AWARD
Horton Farm, South Glastonbury, CT

11:05 a.m. – 11:15 a.m. PAVILION
EXPERIMENT STATION ASSOCIATES

11:15 a.m. – 12:00 noon PAVILION
THE SAMUEL W. JOHNSON MEMORIAL LECTURE
Gil Simmons, Chief Meteorologist. WTNH, Storm Team 8
Forecasting The Weather in Connecticut: Small State, Big Challenges

1:15 p.m.- 1:45 p.m. PAVILION
Megan A. Linske, Ph.D., Assistant Agricultural Scientist II, Department of Entomology, *Optimizing Integrated Tick Management Strategies*

1:45 p.m.-2:15 p.m. PAVILION
Robert E. Marra, Ph.D., Associate Agricultural Scientist, Plant Pathology and Ecology and Richard S. Cowles, Ph.D., Agricultural Scientist, Valley Laboratory, *Beech Leaf Disease: Biology and Management*

2:15 p.m. PAVILION
Adjourn Main Talks

2:30 p.m. – 2:50 p.m. TECHNICAL DEMONSTRATION TENT
(20-minute demonstration, repeated twice during the day, 10:15 a.m. & 2:30 p.m.)
Mark Creighton, Agricultural Research Technician I, Department of Entomology, *Beekeeping in Connecticut, Planting Pollinator Habitat*

3:15 p.m.-3:35 p.m. TECHNICAL DEMONSTRATION TENT
(20-minute demonstration, repeated twice during the day, 10:40 a.m. & 3:15 p.m.)
Felicia Millett, Agricultural Research Technician I, Department of Plant Pathology and Ecology, *Pruning Woody Plants*

3:35 p.m. TECHNICAL DEMONSTRATION TENT
Adjourn Technical Demonstrations

3:35 p.m. SIGN-OUT
(For those requesting pesticide credits) (R)
Attendees can pick up their Pesticide Credit forms at the registration table (R).

LOCKWOOD FARM WALKING TOUR

(Meet at the Registration Desk, (R) 11:00 a.m.–12:00 p.m.
Robert E. Marra, Ph.D., Associate Agricultural Scientist, Department of Plant Pathology and Ecology

Tour of Native Woody Shrubs (Plot 39) 1:00 p.m.- 1:30 p.m.
MEET AT THE WOOD ARBOR OF THE NATIVE WOODY SHRUBS (Plot 39)
Jeffrey S. Ward, Ph.D., Emeritus Scientist, Department of Environmental Science and Forestry and Elisabeth B. Ward, Ph.D., Assistant Agricultural Scientist II, Department of Environmental Science and Forestry

BARN EXHIBITS (BARN B)

The Pest Fly of Soft-Skin Fruits in Connecticut

Department: Entomology

Investigator: Hany K. Dweck, Ph.D.

Urban Agriculture: How Research Addresses Challenges in Production

Department: Environmental Science and Forestry

Investigator: Leigh J. Whittinghill, Ph.D.

Using Biocontrols for Plant Disease Management

Department: Plant Pathology and Ecology

Investigators: Quan Zeng, Ph.D. and Neil P. Schultes, Ph.D.

Asiatic Dayflower Management in Christmas Trees

Department: Valley Laboratory

Investigator: Jatinder S. Aulakh, Ph.D.

Per- and Polyfluoroalkyl Substances (PFAS): An Emerging Class of Toxic Environmental Contaminants

Department: Analytical Chemistry

Investigators: Sara L. Nason, Ph.D. Assisted by: Sara Thomas, Ph.D. and Trung Bui, Ph.D.

Office of Aquatic Invasive Species

Department: Environmental Science and Forestry

Investigators: Gregory J. Bugbee and Jeremiah R. Foley IV, Ph.D. Assisted by: Summer Stebbins and Riley Doherty

ANSWERS TO YOUR QUESTIONS

(Plot 13)

Staff members in the “questions and answers” tent are prepared to give information on identification of insects, plant disorders, soils and their management, and other problems of growers and gardeners.

KIDS' KORNER

(Plot 18)

Come to the Kids' Korner to pick up your child's passport and a gift.

SELF-GUIDED ACTIVITY

(Plot 19)

For all children, including Girl Scouts

CONNECTICUT PESTICIDE CREDITS

(Registration, R)

Connecticut pesticide credits will be offered.

All categories and private applicator (PA) category/3.25 total credit hours.

