



# CAES

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

# The 109<sup>th</sup> Plant Science Day



#CT\_CAES

## Wednesday, August 7, 2019 • 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



### THE SAMUEL W. JOHNSON MEMORIAL LECTURE

**Mr. Keith B. Bishop, Co-CEO, Treasurer & Winemaker**

**Bishop's Orchards, Guilford, CT**

*What Your Grandparents Couldn't Teach You: Seven Generations of  
Adapting Stewardship*



**New Haven 203.974.8500 • Toll-free 877.855.2237 • [portal.ct.gov/caes](http://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 109<sup>th</sup>

# Plant Science Day

WEDNESDAY, AUGUST 7

Gates open at 9:30 a.m.

Program begins at 10:00 a.m. • Event 10:00 a.m.–4:00 p.m.

No pets, please.  
Service animals only.  
Rain or Shine  
Free Admission

10:00 a.m. – 10:15 a.m. PAVILION  
**MORNING GREETING AND OPENING REMARKS**  
Dr. Theodore G. Andreadis, Director  
The Connecticut Agricultural Experiment Station

10:15 a.m. - 10:45 a.m. PAVILION  
Dr. James A. LaMondia, Chief Scientist, Valley Laboratory  
*History of Broadleaf Tobacco Production in Connecticut*

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.)  
Dr. Abigail A. Maynard, Associate Agricultural Scientist,  
Department of Forestry and Horticulture  
*How to Grow the Best Tomatoes!*

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.)  
Dr. DeWei Li, Agricultural Scientist/Mycologist,  
Valley Laboratory  
*Indoor Molds and Their Management*

10:45 a.m. - 11:05 a.m. PAVILION  
**CENTURY FARM AWARD**  
Hastings Farm, LLC, Suffield, CT

11:05 a.m. – 11:15 a.m. PAVILION  
**EXPERIMENT STATION ASSOCIATES**  
Mr. Skip Hobbs, *President, Experiment Station Associates*

11:15 a.m. – 12:00 noon PAVILION  
**THE SAMUEL W. JOHNSON MEMORIAL LECTURE**  
Mr. Keith B. Bishop, Co-CEO, Treasurer & Winemaker  
Bishop's Orchards, Guilford, CT  
*What Your Grandparents Couldn't Teach You: Seven Generations of Adapting Stewardship*

1:15 p.m.-1:45 p.m. PAVILION  
Dr. Scott C. Williams, Associate Agricultural Scientist,  
Department of Forestry and Horticulture  
*The Links Between Forest and Public Health*

1:45 p.m.-2:15 p.m. PAVILION  
Dr. Lindsay R. Triplett, Assistant Agricultural Scientist,  
Department of Plant Pathology and Ecology  
*The Carolina Gold Rush: Learning New Secrets from Heirloom Rice*

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.)  
Dr. Abigail A. Maynard, Associate Agricultural Scientist,  
Department of Forestry and Horticulture  
*How to Grow the Best Tomatoes!*

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.)  
Dr. DeWei Li, Agricultural Scientist/Mycologist,  
Valley Laboratory  
*Indoor Molds and Their Management*

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).

**BUS TOUR EVERY HALF HOUR, 10:00 a.m. to 3:30 p.m.**  
Take a ride in an air-conditioned bus, and learn about all the wonderful aspects of our research farm. You can be dropped off at any plot and/or get picked up the next time the tour comes around.  
Mr. Michael Cavadini, Dr. Abigail Maynard, and Dr. Neil Schultes will narrate the ride.  
This is a great way to see the farm.

**TOUR OF NATIVE WOODY SHRUBS, 1:00 p.m. - 1:30 p.m. (PLOT 40)**  
Dr. Jeffrey S. Ward, Station Forester and Head, Department of Forestry and Horticulture  
A ½ hour guided tour of our Native Shrub planting. Learn about using native shrubs for naturalistic landscapes without the use of pesticides and fertilizers.

## BARN EXHIBITS (BARN B)

**Emerging Contaminants in the Environment and the Food Supply**  
*Departments:* Analytical Chemistry and Environmental Sciences  
*Investigators:* Dr. Sara L. Nason and Dr. Nubia Zuverza-Mena

**Managing Mature Oak Forests in Connecticut**  
*Department:* Forestry and Horticulture  
*Investigator:* Dr. Jeffrey S. Ward  
*Assisted by:* Mr. Joseph P. Barsky, Ms. Jessica Wikle (Yale University)

**Phytophthora Root Rot Management in Christmas Trees**  
*Department:* Valley Laboratory  
*Investigator:* Dr. Richard S. Cowles

**Passive Tick Surveillance for Assessing Human Health Risk**  
*Departments:* Environmental Sciences and Entomology  
*Investigators:* Dr. Goudarz Molaei and Dr. Eliza A. H. Little  
*Assisted by:* Mr. Alex Diaz, Ms. Mallery Breban, Mr. Douglas Vuong

**Hope for Ash Trees? Biological Control of the Emerald Ash Borer**  
*Department:* Entomology  
*Investigator:* Dr. Claire E. Rutledge

**Ecology and Management of Grapevine Viruses in Connecticut**  
*Department:* Plant Pathology and Ecology  
*Investigator:* Dr. Washington L. da Silva

### ANSWERS TO YOUR QUESTIONS

(Plot 22)

Staff members answer your questions on identification of insects, plant disorders, soils and their management, and other problems of growers and gardeners.

### KIDS' KORNER

(Plot 27)

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

### SELF-GUIDED ACTIVITY

(Plot 28)

For all children, including Girl Scouts.

