



# CAES

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

## The 107<sup>th</sup>

# Plant Science Day



#CAES

## Wednesday, August 2<sup>nd</sup>, 2017 • 10AM-4PM

— Free Admission —

# OPEN HOUSE

## THE CONNECTICUT AGRICULTURAL EXPERIMENT STATION

LOCKWOOD FARM, EVERGREEN AND KENWOOD AVENUES, HAMDEN

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



Rob Klee

### THE SAMUEL W. JOHNSON MEMORIAL LECTURE

Rob Klee, Commissioner

Connecticut Department of Energy & Environmental Protection

*Building a Sustainable Future in an Age of Uncertainty*



New Haven 203.974.8500 • Toll-free 877.855.2237 • [www.ct.gov/caes](http://www.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 107<sup>th</sup>

# Plant Science Day

WEDNESDAY, AUGUST 2<sup>nd</sup>

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. Kirby C. Stafford III, State Entomologist, Department of Entomology  
*Gypsy Moth Outbreaks in Connecticut: Past, Present, and Future*

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.)

Ms. Lindsay A. Patrick, Plant Diagnostician, Department of Plant Pathology and Ecology

## Pruning Basics

10:40 a.m. – 11:00 a.m. TECHNICAL DEMONSTRATION TENT

(20-minute demonstration, repeated twice during the day, 10:40 a.m. & 3:00 p.m.)

Dr. Gale E. Ridge, Entomologist, Department of Entomology  
*Household Pest Control*

10:45 a.m. – 11:05 a.m. PAVILION

## CENTURY FARM AWARD

Kasheta Farms, South Windsor, CT

11:05 a.m. – 11:10 a.m. PAVILION

## EXPERIMENT STATION ASSOCIATES

Ms. Barbara Yaeger, President, Experiment Station Associates

11:10 a.m. – 12:00 noon PAVILION

## THE SAMUEL W. JOHNSON MEMORIAL LECTURE

Mr. Rob Klee, Commissioner

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*Building a Sustainable Future in an Age of Uncertainty*

1:15 p.m. – 1:45 p.m. PAVILION

Dr. Richard S. Cowles, Agricultural Scientist, Valley Laboratory, Windsor  
*Bees and the Neonicotinoid Controversy*

1:45 p.m. – 2:15 p.m. PAVILION

Dr. Francis J. Ferrandino, Biophysicist, Department of Plant Pathology and Ecology

## Growing Grapes in Connecticut's Ever-Changing Climate

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.)

Ms. Lindsay A. Patrick, Plant Diagnostician, Department of Plant Pathology and Ecology

## Pruning Basics

3:00 p.m. – 3:20 p.m. TECHNICAL DEMONSTRATION TENT

(20-minute demonstration, repeated twice during the day, 10:40 a.m. & 3:00 p.m.)

Dr. Gale E. Ridge, Entomologist, Department of Entomology  
*Household Pest Control*

3:20 p.m. TECHNICAL DEMONSTRATION TENT

Adjourn Technical Demonstrations

3:20 p.m. SIGN-OUT (for those requesting pesticide credits) (R)

Attendees pick up Pesticide Credit forms at the registration table (R).

Bus Tour (B). Every Half Hour, 10:15 a.m. to 3:30 p.m.

Join us on a 30 minute air-conditioned bus ride around the farm, narrated by staff scientists.

The bus will be suspended during the guest lecture from 11:10 a.m. – 12:00 noon.

## BARN EXHIBITS (BARN B)

### Mosquito Blood-Feeding Behavior & the Risk of Human Infection

Department: Environmental Sciences and Center for Vector Biology & Zoonotic Diseases



### Detecting Pesticides in Plant Pollen

Departments: Entomology, Analytical Chemistry & Valley Laboratory



### Using Tomography to Assess Internal Decay in American Elms

Department: Plant Pathology & Ecology



### Invasive Shrubs and Deer Browse

Department: Forestry & Horticulture



### Analysis of Aflatoxins in Animal Feed

Department: Analytical Chemistry



### Hops, a New Specialty Crop in Connecticut

Department: Valley Laboratory



### ANSWERS TO YOUR QUESTIONS

(Plot 20)

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 25)

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

### SELF-GUIDED ACTIVITY

(Plot 26)

For all children, including Girl Scouts.

