

Napa County Farm Bureau Foundation and the Napa County Ag Commissioner's Office present our

**11th Annual Vineyards & Wineries
Continuing Education Class Series**

November 17th, December 1st, 8th and 15th | 7:30am-12:30pm

**Register online: www.napafarmbureau.org
or call (707) 224-5403**



**A program for Vineyard and Winery licensees and certificate holders
PAC, PCA, QAL, QAC, CCA, CPAg:**

**Department of Pesticide Regulation/ American Society of Agronomy Continuing
4 hours 'Other' and 1 hour 'Laws & Regulations' apply for all classes - CREDITS PENDING**

A Defensive Approach for an Emerging Pest (Spotted Lanternfly)

CDFA update on pest status and statewide prevention efforts
Identifying and managing a primary host (Tree of Heaven)
Practical experiences from the battlefield
Potential biocontrols: predators, parasitoids, fungi
Preparing applicators and fieldworkers for Ag Commissioner inspections

NOVEMBER 17th - Remote

Andrew Cline & Mark McLoughlin, CDFA
Brian Walsh, Penn State University
Julie Urban, Penn State University
Francisco Gomez Marco, University California Riverside
Bridget Giffei, Ag /Weights & Measures Inspector

Recent Advances in Vineyard Pest Management Technology

Red leaves: a novel tool for discriminating among causal agents
International grapevine breeding research update (disease resistance, rootstocks)
Ultrasonic solutions for algae control
Biopesticides 101
Review of Beewhere program and School Notification requirements

DECEMBER 1st - Remote

Michelle Reeves Fisher, HV-Vision
Diego Barison, Herrick Grapevines
Lawrence Field, Water IQ Technologies
Katie Gold, Cornell University
Greg Music, Ag /Weights & Measures Inspector;
& John Cooledge, Deputy Ag Commissioner

Reasons for hope in the battle against VMB/Leafroll Viruses

K-9 ID of plant viruses
Sustainable management of vine mealybug in organically farmed vineyards
Advancements and proper use of mating disruption pheromone technology
Impacts of drought on VMB populations
How growers can prepare their applicators and fieldworkers for Ag Commissioner Office inspections

DECEMBER 8th - In Person or Remote (pending location)

Niel McRoberts, UC Davis
Arturo Cocco, University of Sassari
Kent Daane, UC Berkeley
Monica Cooper, UC Cooperative Extension
Bridget Giffei, Ag /Weights & Measures Inspector

The Future of Agricultural Pest and Disease Management

A glimpse into the future: predictive climate modeling on a regional scale
Impacts of global warming on plant pathogens

DECEMBER 15th - Remote

Will Kletter, Climate AI
Karen Garrett, University of Florida &
Robin Choudhury, University of Texas
Michael Campbell, Penn State College of Ag
Lewis Ziska, Columbia University
Jen Borgen, Ag /Weights & Measures Inspector

Examining the effects of climate change on vineyard pests and diseases
Anticipating weed population dynamics as the result of climate change
Service container labels

**Classes are from 7:30am to 12:30pm and will be held both in person and via Zoom
\$85 per class for Farm Bureau members; non-members \$100 per class.**

10% discount when signing up for all four classes.

Free admission for full-time college students with valid college ID. Pre-registration needed.

Thank you to our Series Sponsors

Thank you to our Individual Class Sponsors

