



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

10th Annual Vineyards & Wineries Continuing Education Class Series

November 11, 19, and December 3 and 10th | 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



Recent Advances in Vineyard Pest Management

Current vineyard spraying technologies to improve efficiency
Prescription map-based variable rate application of pesticides
A commercially viable autonomous spray solution
UV-C light treatment for powdery mildew control
Decontamination regulation change updates

NOVEMBER 11

Brent Warneke, Oregon State University
Dr. Emilio Gil Moya, Polytechnic University of Catalonia
Gary Thompson, GUSS Automation
Dr. David Gadoury, Cornell University
John Cooledge, Deputy Agricultural Commissioner

Navigating the Spectrum of Sustainability Certifications

Fish Friendly Farming certification overview
California Sustainable Winegrowing certification overview
Lodi Rules/California Rules certification overview
SIP (Sustainability in Practice) certification overview
Organic certification overview
Regenerative Organic certification overview
Biodynamic certification overview
Leading Harvest certification overview
Strategies for complying with the "Due Care" provision

NOVEMBER 19

Laurel Marucs, California Land Stewardship Institute
Allison Jordan, California Sustainable Winegrowing Alliance
Stephanie Bolton, Lodi Winegrape Commission
Beth Vukmanic, Central Coast Vineyard Team
Ryan Merck, California Certified Organic Farmers
Elizabeth Whitlow, Regenerative Organic Certified
Evrett Lundquist, Demeter
Kenny Fahey, Leading Harvest
Jen Borgen, Agricultural/Weights & Measures Inspector

Genetic Technology in the Vineyard

Grapevine rootstock breeding pipeline
Methodology for marker-free gene editing in grapevines
A new technology (RECEPTOR-i) for environmentally safe pest control
The case for disease resistant grape varieties (VitisGen2 Project)
Laws & Regulations

DECEMBER 3

Dr. Karl Lund, UCCE Merced County
Dr. Laurent Deluc, Oregon State University
Dr. Man-Yeon Choi, USDA-Agricultural Research Service
Dr. Timothy Martinson, Cornell University
Napa County Ag Commissioner

Pesticides and the Supply Chain

Developing pesticide residue tolerances in wine grapes
Enforcing pesticide residue tolerances in wine grapes
An overview of chemical contaminants and alcoholic beverages
Expert's assessment of pesticide residue risks
Laws and Regulations

DECEMBER 10

Dr. Jerry Baron, USDA IR-4 Project
Michelle Armstrong, CA Department of Pesticide Regulation
(Tentative) Nancy He, McGill University
(Tentative) Dr. Steven Savage, POPAgriculture
Napa County Ag Commissioner

Classes are from 7:30am to 12:30pm and will be held via Zoom Webinar
\$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.