

A Program Focused on Vineyard Water Management

Thursday, April 18, 2019

9:00 am - 5:00 pm

**UC Davis Conference Center
550 Alumni Ln, Davis, CA 95616**

Professor Larry Williams retired from UC Davis in June 2018 after 36 years in the Department of Viticulture and Enology. Please join us for a special seminar, honoring Larry, focused on irrigation and water management, topics near and dear to Larry's heart. The day will consist of presentations focused on the latest research regarding optimal vine water management, a grapevine water status technology panel, and a vineyard management panel. The day will conclude with a keynote lecture from Emeritus Professor Larry Williams. This is a who's who of water management and irrigation, a program not to be missed!

8:30-9:00 am Registration and Coffee

9:00-9:15 Welcome

9:15-9:45 Differences in Spatial Water Uptake of Mg during Drought, by Rootstocks 110R and 101-14, Revealed by Multidimensional Electrical Resistivity Tomography: *Kaan Kurtural, Viticulture Extension Specialist, Dept of Viticulture & Enology, UC Davis, Oakville Research Station*

9:45-10:00 Developing Vine-Growth Models as Tools for Irrigation Management: *Megan Bartlett, Assistant Professor, Plant Biologist, Dept of Viticulture & Enology, UC Davis*

10:00-10:20 Water Footprint, Productivity, and Drought Responses of 17 Wine Grape (*Vitis vinifera* L.) Cultivars in the San Joaquin Valley: *Alexander Levin, Assistant Professor and Viticulturist, Department of Horticulture, Oregon State University, Southern Oregon Research & Extension Center*

10:20- 10:30 Break

10:30-11:00 Flows, Fluxes, and Flightpaths: Adventures in Quantifying Grapevine and Vineyard Water Use: *Andrew McElrone, USDA ARS, Dept of Viticulture & Enology, UC Davis*

11:00-11:30 Have We Found the Holy Grail of Water Management? *Ken Shackel, Professor, Dept of Plant Sciences, UC Davis*

11:30-12:30 pm LUNCH

12:30-1:30 Technology Panel: Moderator, *Matthew Fidelibus, Extension Viticulture Specialist, Kearney Ag Center, UC Davis*

Using Continuous Soil Moisture Monitoring to Answer the ‘How Often and How Much to Irrigate’ Question: *Mark Greenspan, Advanced Viticulture*

An Actual ET-based Site-Specific Plant Water Relations Model for Generating Water Stress Forecasts and Irrigation Recommendations: *Tom Shapland, Tule Technologies*

Tools and Methods to Assess Vine Water Use and Vine Water Status: State of the Art and Considerations for Irrigation Scheduling: *Thibaut Scholasch, Fruition Sciences*

Question/Answer Period

1:30-1:45: Break

1:45-2:45: Vineyard Management Panel: Moderator, *Nick Dokoozlian, E&J Gallo Winery & Vineyards*

Let’s not Forget the Basics! *Daniel Bosch, Constellation Brands*

Winegrape Irrigation Strategies for the North Coast of California: *Francisco Araujo, Atlas Vineyard Management*

Is There a Recipe for Irrigation? *Mark Battany, UCCE Crop Advisor for Santa Barbara & San Luis Obispo Counties*

2:45- 3:45 Keynote Lecture, *Larry Williams, Professor Emeritus, Department of Viticulture & Enology, UC Davis*

3:45-5:00 Wine and Cheese Reception

REGISTRATION INFORMATION:

Cost: \$225.00 includes continental breakfast, lunch and all tastings and handouts

To register by credit card: A Day Honoring Larry Williams and Vineyard Water Management Research:

https://urldefense.proofpoint.com/v2/url?u=https-3A_ ucanr.edu_survey_survey.cfm-3Fsurveynumber-3D27120&d=DwIF-g&c=LIH32oy6OBtmot7tcUOx1EUIJYTUxwihlBYC0z2BYZI&r=QE-IKHdAEzax2sapnfnScAYxVAMt42nFkBw-KduLVpE&m=TW46s47VMOdQMOzrxPFGQdtAnN_oJCW-i5V5fNaGIDE&s=zrECd-virLirffrWCzt-PcJSFeOg1FUZe5Zh_HLq0ds&e=

Please join us after the program for a wine and cheese reception in Larry’s honor. This is the perfect opportunity to interact with Larry and all the speakers.

University of California
Cooperative Extension
Tulare County
4437-B South Laspina Street
Tulare, California 93274

Nonprofit Org
US Postage Paid
Visalia, CA 93277
Permit No. 240



Grape Notes

April 2019

Gabriel Torres
Viticulture Farm Advisor

It is the policy of the University of California (UC) and the UC Division of Agriculture & Natural Resources not to engage in discrimination against or harassment of any person in any of its programs or activities on the basis of race, color, national origin, religion, sex, gender, gender expression, gender identity, pregnancy (which includes pregnancy, childbirth, and medical conditions related to pregnancy or childbirth), physical or mental disability, medical condition (cancer-related or genetic characteristics), genetic information (including family medical history), ancestry, marital status, age, sexual orientation, citizenship, or service in the uniformed services (as defined by the Uniformed Services Employment and Reemployment Rights Act of 1994 [USERRA]), as well as state military and naval service. This policy is intended to be consistent with the provisions of applicable state and federal laws and University policies. University policy also prohibits retaliation against any employee or person in any of its programs or activities for bringing a complaint of discrimination or harassment pursuant to this policy. This policy also prohibits retaliation against a person who assists someone with a complaint of discrimination or harassment or participates in any manner in an investigation or resolution of a complaint of discrimination or harassment. Retaliation includes threats, intimidation, reprisals, and/or adverse actions related to employment or to any of its programs or activities. In addition, it is the policy of the University and ANR to undertake affirmative action, consistent with its obligations as a Federal contractor, for minorities and women, for persons with disabilities, and for covered veterans. The University commits itself to apply every good faith effort to achieve prompt and full utilization of minorities and women in all segments of its workforce where deficiencies exist. These efforts conform to all current legal and regulatory requirements and are consistent with University standards of quality and excellence. In conformance with Federal regulations, written affirmative action plans shall be prepared and maintained by each campus of the University, including the Division of Agriculture and Natural Resources. Such plans shall be reviewed and approved by the Office of the President and the Office of the General Counsel before they are officially promulgated. Inquiries regarding the University's nondiscrimination policies may be directed to Linda Marie Manton, Affirmative Action Contact, University of California, Agriculture and Natural Resources, 2801 Second Street, Davis, CA 95618, (530) 750-1318.