

Vineyard Views

1710 Soscol Avenue, Suite 4, Napa, CA 94559

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Web Site: <http://cenapa.ucdavis.edu>

October 2008

Concerns about Leafroll Spread and Plant Material

Mike Anderson, Viticulture Program Representative

In many areas of Napa County leafroll appears to be spreading at an alarming rate, and so is grower concern. Most of the blame for the spread of leafroll is being placed on mealybugs for vectoring the disease from vine to vine, and vineyard to vineyard. Because of this many growers are working to eliminate mealybugs. This battle continues despite predictions from entomologists that eliminating the mealybug is probably not possible and few growers report seeing increased mealybug populations. Inaction is really not an option, but with leafroll spreading your way there appears little else you can do. Researchers have documented the detrimental effects of leafroll. The take home message from these studies have been consistent: leafroll reduces both fruit quality, through reduced color and sugar, and fruit quantity. In spite of these results some growers have planted leafroll infected material and accepted the consequences. These were individual decisions with individual consequences. The past understanding of leafroll was that it would only spread by propagation and that a leafroll-free vine next to an infected one was safe. We now know that leafroll can move from vineyard to vineyard, and from grower to grower. The consequences of planting infected material can be shared. It is my belief that, as a community, we should do everything we can to encourage the planting of clean, uninfected plants. **And remember that mealybugs cannot spread leafroll if the virus isn't there to begin with.**

Most growers agree that new vineyards should be planted with clean, virus free material. I hear from growers that they cannot get clean versions of the material and are often discouraged when they buy dirty material they were told was clean. Today the best vines available in California come from the California Grapevine Registration & Certification Program. The pedigree of these vines can be traced back to individual plants at Foundation Plant Services (FPS) in Davis that are free of known virus. A great deal of work has gone into creating the cleanest collection of grapevines in California at FPS, These vines are continually monitored for virus with ever more sophisticated techniques that have allowed FPS to detect viruses that were previously undetectable. Additionally, the FPS collection continues to grow and now contains clean versions of many California Heritage selections.

The certification program to verify virus-free material is administered by the California Department of Food and Agriculture (CDFA). The CDFA regularly inspects registered blocks in participating nurseries for trueness to type and virus symptoms. The certification program is voluntary and only exists because of the vision of the participating nurseries. Can the certification program be improved? Sure it can, and we can look forward to future improvements. In the meantime, if you are committed to planting the healthiest plants possible, your first decision should be to buy only certified rootstocks and scions.

Leafroll and Plant Material Survey

Included in this newsletter is a Leafroll and Plant Material survey. Please take a few minutes to fill it out. This survey will be very important in helping me assess your needs and understanding how I can be most effective in helping you reduce the incidence of leafroll in Napa County.

Planting Material Workshop

A Planting Material Workshop flyer and mail-in registration is included in this newsletter. The workshop will be held on Thursday, December 4, 2008 at Copia. The workshop is sponsored by Napa County UC Cooperative Extension and The Napa Valley Vineyard Technical Group. The workshop is designed to help us further understand plant material issues and address your concerns. It is through your participation in the Leafroll and Plant Material survey that I will best be able to structure the meeting. I am looking forward to your survey response and seeing you at the workshop.

Napa County UCCE Viticulture Farm Advisor Position

The University of California Cooperative Extension office in Napa County is seeking qualified applicants for the position of Viticulture Farm Advisor. This is a career-track position that will support the premium wine grape growing industry in Napa County. The Viticulture Farm Advisor in Napa County is expected to develop an effective research and extension education program for the local wine grape industry, and provide information and support to local producers of other fruit and nut crops. Research addressing local production problems is typically conducted through collaborations between the viticulture advisor, fellow UC colleagues and local growers. The close proximity to the UC Davis Viticulture and Enology Department, as well as the Oakville Research facilities, offers extraordinary opportunities for a productive research and extension program. Communicating research updates and results using traditional and innovative extension methods is a core responsibility of the advisor and the UC mission.

Wine grapes comprise approximately 98% of the total farm gate value in Napa County, which demonstrates the importance of the wine grape industry to the local economy. The viticulture advisor is a pivotal role in the county along with many other organizations and agencies that support the wine grape industry. These organizations include the Agricultural Commissioner, Napa Valley Grapegrowers, Napa Valley Vintners, Napa County Farm Bureau, Napa Valley Vineyard Technical Group and the USDA Natural Resources Conservation Service.

For candidates with a strong interest in administration, there would be an opportunity for the position to include a 30% administration assignment as County Director of the Cooperative Extension Program in Napa County. The County Director is responsible for administrative management of all UC Cooperative Extension programs in Napa County and is responsible to both UC and Napa County for effective management of the department.

More information about this position, salary, benefits and how to apply, can be found by obtaining a position vacancy announcement at this web site <http://ucanr.org/jobdescript/napacountyvitadvisor.pdf> or by contacting Napa County Cooperative Extension office. The closing date to submit applications is December 5, 2008.

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Leafroll and Plant Material Survey – October 2008

Are you concerned about leafroll spreading into your vineyards? yes no
Do you think that leafroll is spreading into your vineyards? yes no
Are you concerned that the vines you buy may have virus? yes no
Is buying virus free vines important to you? yes no
Are certified vines guaranteed to be virus free? yes no
Are certified vines the best that are available? yes no
Are all @ENTAV-INRA vines California certified? yes no
Do you get tags with your certified vines? yes no sometimes

Have you purchased certified vines that you think were infected with virus?
 yes no

Have you purchased certified vines that you know were infected with virus?
 yes no

What is your confidence level that certified vines do not carry virus. (1 high to 3 low)
1 2 3

Please return this survey to:

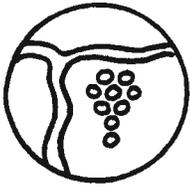
UC Cooperative Extension
c/o Mike Anderson
1710 Soscol Avenue, Suite 4
Napa, CA 94559-1315
(707) 253-4221

For your convenience, we have included our address on the opposite side of this page so you can tri-fold this survey to return by mail to our office.

Please return the survey by Friday, November 7, 2008.

1st Class
Postage

UC Cooperative Extension
c/o Mike Anderson
1710 Soscol Avenue, Suite 4
Napa, CA 94559-315



Napa Valley Vineyard Technical Group
1710 Soscol Avenue, Suite 4
Napa, CA 94559

UC Cooperative Extension presents with the
Napa Valley Vineyard Technical Group

Planting Material Workshop

Thursday, December 4, 2008
8:30 am – 12 noon

COPIA The American Center for Wine, Food & the Arts
500 First Street, Napa

**Clean planting material is the future of our industry.
What do I need to know?**

Certified, @EVTAV, Petri Disease, PCR, Shoot tip culture, new certification regulations, National Grape Registry, National Clean Plant Rootstock.

What does all this mean? Tell me more!

Please join us on December 4th at COPIA to explore questions surrounding the informed purchase of plant material.

Featured Speakers

Dr. Andy Walker

UC Davis Department of Viticulture and Enology

Dr. Deborah Golino

Director, Foundation Plant Service

Dr. Doug Gubler

UC Davis Department of Plant Pathology

Susan McCarthy

California Department of Agriculture

Speaker To Be Announced

Sunridge Nursery

Nancy Sweet

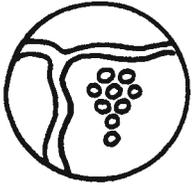
Foundation Plant Service

Registration is limited.

Pre-registration with payment is required. Fee is \$15.00 per person. You can register online at http://ucanr.org/plant_workshop using a credit card (Visa or Master Card only) or you can mail-in your registration by using the registration form. Sorry, but we are unable to accept credit card payments at the UCCE office.

Mail-In Registration (cash or check only): UC Cooperative Extension, 1710 Soscol Avenue, Suite 4, Napa, 94559. Please make checks payable to UC Regents.

*For more information, contact the University of California Cooperative Extension office in Napa.
(707) 253-4221*



Napa Valley Vineyard Technical Group
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Napa, CA 94559

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Planting Material Workshop

Thursday, December 4, 2008

8:30 am – 12 noon

COPIA The American Center for Wine, Food & the Arts

500 First Street, Napa

Registration is limited.

If you would like to use a credit card to pay for this workshop you can go online at [http://ucanr.org/plant workshop](http://ucanr.org/plant_workshop) (Visa or Master Card only). Sorry, we cannot accept credit card payments at the UCCE office.

If you would like to mail-in or drop off your registration please complete this form:

----- Detach & Return -----

Planting Material Workshop – Thursday, December 4, 2008 - \$15.00 per person

Please return this form with your payment made payable to UC Regents to:

UC Cooperative Extension
1710 Soscol Avenue, Suite 4
Napa, CA 94559

Name: _____

Company Name: _____

Telephone: _____

Please check one:

Cash Check

Total Enclosed \$ _____

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(707) 253-4221*

Napa Valley Viticultural Fair

When: **Wednesday, November 5, 2008** **8:00 a.m. – 3:00 p.m.**
Where: Napa Valley Exposition Fairgrounds, Napa

Mark your calendars for the Napa Valley Viticultural Fair at the Napa Valley Exposition. The Vit Fair is the premier venue for Northern California grapegrowers to learn about the latest industry products, attend seminars, and view field demonstrations. This year's event will feature over 120 vendors and agencies providing products and services to winegrape growers, representing everything from farm equipment to vineyard software programs. This is a great opportunity to get new ideas, interact with colleagues and visit with friends. Admission is \$10 and covers all programs throughout the day. Tickets and more information are available at www.napagrowers.org or by calling (707) 944-8311.

Viticultural Fair Seminars

Free with fair admission of \$10. Continuing education credits will be available.

8:30 am (*Spanish*)

Detecting Leafroll Virus: Strategies for Management and Control

Judit Monis, STA Laboratories

Vine Mealybug Identification and its Influence on Leafroll Spread

Humberto Izquierdo, Napa County Agricultural Commissioner's office

10:00 am (*English*)

Red Leaves and Related Vine Stress Issues to Consider

Andy Walker, UC Davis Department of Viticulture and Enology

2:00 pm (*English*)

Viticultural Practices and Greenhouse Gas Emissions

Eli Carlisle, UC Davis Department of Viticulture and Enology

Current Work on Climate Change and its Affect on California Vineyards

Ann Thrupp, California Sustainable Winegrowing Alliance

Demonstrations Throughout the Day

High Tech Irrigation Tools

Weed Control – Vineyard Flamer

Frost Protection

The day's schedule is online at: www.napagrowers.org

***Vineyard Views* is a free newsletter from the University of California Cooperative Extension office in Napa County. You can access the newsletter online at the UCCE Napa County website at: <http://cenapa.ucdavis.edu>**

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