



# VITICULTURE and ENOLOGY RESOURCE GUIDE

## VITICULTURE

### ONLINE RESOURCES

<b>Napa County UCCE - Viticulture Home Page. Use for access to:</b>	<a href="http://ucanr.org/sites/NapaCountyUCCE/Napa_County_Programs/Viticulture/#">http://ucanr.org/sites/NapaCountyUCCE/Napa_County_Programs/Viticulture/#</a>
1. Growing Grapes (table, wine, raisins) in Your Backyard	<a href="http://ucanr.edu/sites/gardenweb/Growing_Grapes_in_the_California_Garden/#">http://ucanr.edu/sites/gardenweb/Growing_Grapes_in_the_California_Garden/#</a>
2. UC Integrated Grape Team of Napa Co. Intake Form	<a href="http://ucce.ucdavis.edu/survey/survey.cfm?surveynumber=8328">http://ucce.ucdavis.edu/survey/survey.cfm?surveynumber=8328</a>
3. UC IPM Pest Management Guidelines - Grape Pests	<a href="http://www.ipm.ucdavis.edu/PMG/selectnewpest.grapes.html">http://www.ipm.ucdavis.edu/PMG/selectnewpest.grapes.html</a>
4. European Grapevine Moth	<a href="http://cenapa.ucanr.edu/Napa_County_Programs/Viticulture/European_Grapevine_Moth/">http://cenapa.ucanr.edu/Napa_County_Programs/Viticulture/European_Grapevine_Moth/</a>
5. Vine Mealybug	<a href="http://cenapa.ucanr.edu/Napa_County_Programs/Viticulture/Vine_Mealybug/#">http://cenapa.ucanr.edu/Napa_County_Programs/Viticulture/Vine_Mealybug/#</a>
6. Argentine Ants	<a href="http://cenapa.ucanr.edu/Napa_County_Programs/Viticulture/Argentine_ants/#">http://cenapa.ucanr.edu/Napa_County_Programs/Viticulture/Argentine_ants/#</a>
7. Berry Shivel	<a href="http://cenapa.ucanr.edu/Napa_County_Programs/Viticulture/Berry_Shivel/#">http://cenapa.ucanr.edu/Napa_County_Programs/Viticulture/Berry_Shivel/#</a>
8. Mystery Disease	<a href="http://cenapa.ucanr.edu/Napa_County_Programs/Viticulture/Mystery_Disease/#">http://cenapa.ucanr.edu/Napa_County_Programs/Viticulture/Mystery_Disease/#</a>
9. Frost Protection	<a href="http://cenapa.ucanr.edu/Napa_County_Programs/Viticulture/Frost_Protection/#">http://cenapa.ucanr.edu/Napa_County_Programs/Viticulture/Frost_Protection/#</a>
10. Irrigation	<a href="http://cenapa.ucanr.edu/Napa_County_Programs/Viticulture/Irrigation/#">http://cenapa.ucanr.edu/Napa_County_Programs/Viticulture/Irrigation/#</a>
11. Sample Costs to Establish a Vineyard and Produce Winegrapes	<a href="http://cenapa.ucanr.edu/files/52946.pdf">http://cenapa.ucanr.edu/files/52946.pdf</a>
12. Weed Science	<a href="http://cenapa.ucanr.edu/Napa_County_Programs/Weed_Science/">http://cenapa.ucanr.edu/Napa_County_Programs/Weed_Science/</a>
<b>UC Integrated Viticulture</b> - Use for finding publications, video seminars, and useful links on relevant topics from research by the University of California.	<a href="http://iv.ucdavis.edu/">http://iv.ucdavis.edu/</a>
1. Leaf Roll Color Atlas	<a href="http://iv.ucdavis.edu/files/24513.pdf">http://iv.ucdavis.edu/files/24513.pdf</a>
2. Rootstock Selection	<a href="http://iv.ucdavis.edu/files/24347.pdf">http://iv.ucdavis.edu/files/24347.pdf</a>
3. Grape Varieties	<a href="http://iv.ucdavis.edu/Viticultural_Information/?ds=351&amp;reportnumber=516&amp;catcol=2603&amp;categorysearch=Grape%20Varieties">http://iv.ucdavis.edu/Viticultural_Information/?ds=351&amp;reportnumber=516&amp;catcol=2603&amp;categorysearch=Grape%20Varieties</a>
<b>Vineyard Irrigation</b> - when to start, determining requirements, worksheet, drip system evaluation	<a href="http://cesonoma.ucanr.edu/viticulture717/Vineyard_Irrigation/">http://cesonoma.ucanr.edu/viticulture717/Vineyard_Irrigation/</a>
<b>Drought Management for Winegrapes</b> - a simplified summary of recommendations for irrigating winegrapes with limited	<a href="http://ucmanagedrought.ucdavis.edu/Agriculture/Crop_Irrigation_Strategies/Winegrapes/">http://ucmanagedrought.ucdavis.edu/Agriculture/Crop_Irrigation_Strategies/Winegrapes/</a>
<b>Selected Plant and Soil Laboratories in Northern and Central California</b>	<a href="http://cesonoma.ucanr.edu/files/27431.pdf">http://cesonoma.ucanr.edu/files/27431.pdf</a>
<b>Pierce's Disease - UC ANR Publication 3448</b>	<a href="http://ipm.ucanr.edu/PMG/r302101211.html">http://ipm.ucanr.edu/PMG/r302101211.html</a>
<b>Assessing Grapevine Leafroll and Red Blotch Disease Impacts in Local Vineyards</b>	<a href="http://ucanr.edu/blogs/blogcore/postdetail.cfm?postnum=18900">http://ucanr.edu/blogs/blogcore/postdetail.cfm?postnum=18900</a>
<b>UC IPM - Grape Pest Management</b> - Emerging Pests in California, Year Round IPM Program, and UC IPM Pest Management Guidelines	<a href="http://ipm.ucanr.edu/PMG/selectnewpest.grapes.html">http://ipm.ucanr.edu/PMG/selectnewpest.grapes.html</a>

### CLASSES

<b>Napa Valley College</b> - Viticulture & Winery Technology Classes	<a href="http://www.napavalley.edu/Academics/TechnicalDivision/VWT/Pages/default.aspx">www.napavalley.edu/Academics/TechnicalDivision/VWT/Pages/default.aspx</a>
<b>UC Davis Extension</b> - Viticulture & Enology Classes	<a href="http://extension.ucdavis.edu/unit/winemaking/course/listing/?unit=WINE&amp;prgList=VIT&amp;coursearea=Viticulture+and+Enology">http://extension.ucdavis.edu/unit/winemaking/course/listing/?unit=WINE&amp;prgList=VIT&amp;coursearea=Viticulture+and+Enology</a>

### NEWSLETTERS and NOTIFICATIONS

<b>Hobby Vineyardist</b> - The UC Integrated Grape Team of Napa County is now providing an online newsletter, The Hobby Vineyardist, of announcements and upcoming educational events that may be of interest to you. Subscribe by following this link: <a href="http://cenapa.ucanr.edu/news_970/Hobby_Vineyardists/">http://cenapa.ucanr.edu/news_970/Hobby_Vineyardists/</a>
<b>Grape Pest Notifications</b> - UC Integrated Pest Management's grape pest management notifications will keep you up-to-date on management activities to do throughout the year. Notifications will link you to UC Pest Management Guidelines for grapes where you'll find information on pest description and photo identification pages, monitoring techniques and monitoring forms, pest biology, and management options. Subscribe by following this link: <a href="https://ucanr.edu/survey/survey.cfm?surveynumber=11911">https://ucanr.edu/survey/survey.cfm?surveynumber=11911</a>

### UC ANR PUBLICATIONS

<b>Publication 21636 - Songbird, Bat &amp; Owl Boxes.</b> Turn your vineyard, farm, or garden into a wildlife refuge and control pest activity naturally with this handy guide. Learn to protect these beneficial wildlife species and their vital environmental services, all while controlling rodent and insect activity. This book provides important information on the biology and habitat requirements of songbirds, bats, and barn owls that will use nest boxes for roosting or nesting.
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- Publication 3332 - Pests of the Garden and Small Farm.** Crop Tables pages 249 - 252.
- Publication 3338 - Cover Cropping in Vineyards: A Growers Handbook.** Features cutting-edge methods for using cover crops to enhance vineyard performance. Based on extensive research, this guide details technical and theoretical information on how cover crops affect vineyards and promote ecological stability.
- Publication 3382 - California Master Gardener Handbook.** Chapter 10 - Soil Requirements, Spacing, Selecting Plants, Rootstocks, Varieties for the Home Garden, Growth Pattern & Cycle, Planting & Early Care, Pruning, Irrigation, Nutrition and Pest Management.
- Publication 3343 - Grape Pest Management, 3rd Edition.** More than 70 research scientists, cooperative extension advisors and specialists, growers, and pest control advisers have consolidated the latest scientific studies and research into one handy reference. This new edition includes several new invasive species that are now major pests. Includes nine expansive chapters with colorful photos.
- Publication 3393 - Raisin Production Manual.** Covers all aspects of the California system of raisin production from vineyard planting and development, pest management, cultural practices, harvesting, drying, handling, and economic considerations, to inspection and marketing. Chapters on grapevine physiology, growth and development, fruitfulness, fruit ripening and drying, characteristics, and raisin quality factors reveal the latest in technology and best practices.
- Publication 3419 - Wine Grape Varieties in California.** Illustrated book is a must-have for growers, vintners, and enthusiasts. Inside you'll find information on ripening periods for 53 varieties grown in California, ripening dates of varieties by period and growing district, detailed illustrations of grapevine structure, a glossary, and a bibliography. Discussion of the 36 major wine grape varieties grown in the state, covering synonyms, source, physical characteristics such as clusters, berries, and leaves, harvest periods and methods, and winery use. Each variety is highlighted by close-up photography of its clusters, leaves and leaf shoots 107 lush color photos in all.
- Publication 3511 - Organic Winegrowing Manual.** Provides detailed information for wine grape growers on production issues, economics, weed and disease management, the process of conversion from conventional to organic, and organic certification and registration.
- Publication 3532 - Vineyard Pest Identification and Monitoring Cards.** Keep your vineyard healthy by staying on top of pest activity with this set of 50 sturdy, pocket-size laminated cards. This is the perfect quick reference to identifying and monitoring vineyard diseases and pests
- Publication 3541 - Weed Pest Identification and Monitoring Cards.** Based on the bestselling Weeds of California and Other Western States; this is the perfect pocket-sized companion for anyone working in the field. Each weed is identified by a description and excellent close-up color photographs of various growth stages—187 photos in all. On the reverse of each card is a description of the various growth stages, habitat, distribution and management tips.

*UC ANR Publications can be purchased online at <http://anrcatalog.ucdavis.edu>*

## OTHER PUBLICATIONS

**General Viticulture, 2nd Edition.** Wherever grapevines are cultivated, this book will be welcome because it fills a long-standing need for a clear, concise treatment of modern viticulture. During the past fifty years, more progress has been made in the science and art of growing grapes for table use and raisin or wine production than in any previous century. This new edition has been revised throughout. The chapters on vine structure, vine physiology, the grape flower and berry set, development and composition of grapes, and means of improving grape quality add to our knowledge of the vine and its functions. The text is designed to enable those concerned with either vine or fruit problems to arrive at considered diagnoses. The student will find the text and the cited references a comprehensive source of information.

## ENOLOGY

### CLASSES

Napa Valley College - Viticulture & Winery Technology Offers grape growing and winemaking classes

[www.napaValley.edu/Academics/TechnicalDivision/VWT/Pages/default.aspx](http://www.napaValley.edu/Academics/TechnicalDivision/VWT/Pages/default.aspx)

UC Davis Extension - Offers classroom and online classes in viticulture and enology.

<https://extension.ucdavis.edu/unit/winemaking/>

### SUPPLIES

Napa Fermentation - Located Inside the Napa Valley Expo  
575 Third St, Bldg. A, Napa, California 94559  
707.255.6372

<http://www.napafermentation.com/>