



VITICULTURE and ENOLOGY RESOURCE GUIDE

VITICULTURE

ONLINE RESOURCES

Napa County UCCE - Viticulture Home Page. Use for access to:	http://ucanr.org/sites/NapaCountyUCCE/Napa_County_Programs/Viticulture/#
1. Growing Grapes (table, wine, raisins) in Your Backyard	http://ucanr.edu/sites/gardenweb/Growing_Grapes_in_the_California_Garden/#
2. UC IPM Pest Management Guidelines - Grape Pests	http://www.ipm.ucdavis.edu/PMG/selectnewpest.grapes.html
3. European Grapevine Moth	http://cenapa.ucanr.edu/Napa_County_Programs/Viticulture/European_Grapevine_Moth/
4. Vine Mealybug	http://cenapa.ucanr.edu/Napa_County_Programs/Viticulture/Vine_Mealybug/#
5. Argentine Ants	http://cenapa.ucanr.edu/Napa_County_Programs/Viticulture/Argentine_ants/#
6. Berry Shrivel	http://cenapa.ucanr.edu/Napa_County_Programs/Viticulture/Berry_Shrivel/#
7. Mystery Disease	http://cenapa.ucanr.edu/Napa_County_Programs/Viticulture/Mystery_Disease/#
8. Frost Protection	http://cenapa.ucanr.edu/Napa_County_Programs/Viticulture/Frost_Protection/#
9. Irrigation	http://cenapa.ucanr.edu/Napa_County_Programs/Viticulture/Irrigation/#
10. Sample Costs to Establish a Vineyard and Produce Winegrapes - 2012	http://cenapa.ucanr.edu/files/52946.pdf
11. Weed Science	http://cenapa.ucanr.edu/Napa_County_Programs/Weed_Science/
UC Integrated Viticulture - Use for finding publications, video seminars, and useful links on relevant topics from research by the University of California.	http://iv.ucdavis.edu/
1. Leaf Roll Color Atlas	http://iv.ucdavis.edu/files/24513.pdf
2. Rootstock Selection	http://iv.ucdavis.edu/files/24347.pdf
3. Grape Varieties	http://iv.ucdavis.edu/Viticultural_Information/?ds=351&reportnumber=516&catcol=2603&categorysearch=Grape%20Varieties
Vineyard Irrigation - when to start, determining requirements, worksheet, drip system evaluation	http://cesonoma.ucanr.edu/viticulture717/Vineyard_Irrigation/
Drought Management for Winegrapes - a simplified summary of recommendations for irrigating winegrapes with limited water	http://ucmanagedrought.ucdavis.edu/Agriculture/Crop_Irrigation_Strategies/Winegrapes/
Selected Plant and Soil Laboratories in Northern and Central California - 2018	http://cesonoma.ucanr.edu/files/27431.pdf
Pierce's Disease - UC ANR Publication 3448	http://ipm.ucanr.edu/PMG/r302101211.html
Assessing Grapevine Leafroll and Red Blotch Disease Impacts in Local Vineyards	http://ucanr.edu/blogs/blogcore/postdetail.cfm?postnum=18900
UC IPM - Grape Pest Management - Emerging Pests in California, Year Round IPM Program, and UC IPM Pest Management Guidelines	http://ipm.ucanr.edu/PMG/selectnewpest.grapes.html
Cover cropped-field is the 'real disruptor' - Regenerative Agriculture	https://ucanr.edu/News/?routeName=newsstory&postnum=30613

CLASSES

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

UC ANR PUBLICATIONS

Publication 20612 - Mealy Bugs in California Vineyards. Contains detailed descriptions to help you identify the mealybugs found in your vineyard. You'll learn how they cause damage and how to take action with suggested biological, cultural, and chemical controls for each species.
Publication 21600 - Pierce's Disease. Covers the symptoms of Pierce's disease and offers strategies for management. Includes information on the pattern of spread in vineyards by the different vectors; vector monitoring; and management strategies you can use in your vineyard.
Publication 21636 - Songbird, Bat & Owl Boxes. 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.
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 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 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.



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<p>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.</p>
<p>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.</p>
<p>Publication 3448 - Grape: UCIPM Pest Management Guidelines. UC-approved guidelines for pest monitoring techniques, pesticide use, and nonpesticide alternatives -- essential tools for anyone making pest management decisions in the field.</p>
<p>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.</p>
<p>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</p>
<p>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.</p>
<p>Publication 7492 - Glassy Winged Sharpshooter: Pest notes for home and landscape. The glassy-winged sharpshooter can spread the disease-causing bacterium Xylella fastidiosa which is the causal agent of devastating plant diseases such as Pierce's disease, oleander leaf scorch, and almond leaf scorch.</p>
<p>Publication 8152 - Vine Mealybug: What You Should Know. Vine mealybug (VMB), a vineyard pest throughout the world, damages grape foliage and fruit, rendering the fruit unmarketable. This publication helps you identify and control VMB in California vineyards.</p>
<p>Publication 8501 - Preventing and Managing Glyphosate-Resistant Weeds in Orchards and Vineyards. Rely too much on any one herbicide and you end up with weeds that will resist its effects—and that's just what is happening now with glyphosate (Roundup). See how you can increase effectiveness by diversifying your weed-management strategies.</p>

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
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/
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