

Recommended Resources for Commercial Grape Growers

March 2009

Website: <http://sdgrapes.sdstate.edu>

Listserv: SDGRAPES (join by emailing rhoda.burrows@sdstate.edu)

Vineyard Establishment I - Preplant Decisions E2644 Michigan State Univ.

Companion to E2645, "Vineyard Establishment II: Planting and Early Care of Vineyards." Color photos/illustrations. Chapter 1, selecting a site covers winter minimum temperatures, growing season length and heat accumulation, spring freeze damage, cropping history and soil characteristics. Second chapter is on designing a vineyard-row orientation, length and spacing, headlands, access roads, preliminary layout and mapping. Chapter 3 details how to obtain grapevines, including varieties, number needed, propagating, etc. Chapter 4 tells how to prepare the site and covers weed control, tree/shrub removal, controlling soil erosion, soil chemistry/drainage, irrigation and replanting. Appendix on selecting wine grape varieties, rootstocks and sources.

Author: Tom Zabadal 2004 40 pages \$5.50 MSU Bulletin Office

Vineyard Establishment II: Planting and Early Care of Vineyards. E2645 Michigan State Univ.

Companion to E2644, "Vineyard Establishment I: Preplant Decisions." Color photos/illustrations. Covers care before and after planting, including preparing the soil, marking the field, planting/handling vines, hilling, controlling weeds, fertilizing, irrigating, trellis/staking. Complete chapter on engineering a modern trellis, from types and quantities of posts and wire needed, installation and tools. Vine management is detailed by year for first 3 years--adjusting shoots/vine, defruiting, controlling pests and weeds, managing shoot growth and row middles, replanting, fertilizing, tying grapevines, training, pruning, harvesting and much more. 2004 40 pages \$8.00 MSU Bulletin Office

Winter Injury to Grapevines and Methods of Protection E2930 Michigan State Univ

This bulletin places in the hands of grape growers the information to understand winter injury, to prevent it and, if affected by it, to respond to it. This publication will lead the reader to a better understanding of winter injury to grapevines, will provide strategies for avoiding and dealing with winter injury to grapevines, and will provide a basis for advancing our knowledge of this topic. 2007 106 pages \$15.00 MSU Bulletin Office

Growing Grapes in Minnesota 8th edition (2006)

Comprehensive manual for cold climate growers; good starting reference. 73 pages \$15.00 + shipping
Included with membership to the Minnesota Grape Growers Association, or can be ordered separately from MGGA.
<http://www.mngrapes.org/membership/>

Midwest Grape Production Guide Bulletin 919

Comprehensive guide covering everything from site selection to harvesting. A little weak on trellis construction (use the Michigan guide), but great reference overall. Available online at <http://ohioline.osu.edu/b919/index.html> or hard copies can be ordered from the Ohio State University Extension, Media Distribution, 385 Kottman Hall, 2021 Coffey Road, Columbus, OH 43210-1044. Phone: 614-292-1607. Fax: 614-292-1248. E-mail: pubs@ag.osu.edu.

****Sunlight into Wine: A handbook for winegrape canopy management** Richard Smart & Mike Robinson
Discusses principles of canopy management, with in-depth explanations of how and why given practices affect the vine growth and fruit quality. 1991. 88 pages. \$39 - \$70+ Double A Vineyards, Orchard Valley Supply, Midwest Vineyard Supply

****Cold Climate Cultivars – Iowa State** <http://viticulture.hort.iastate.edu/cultivars/cultivars.html> for most updated info, or order CD (pdf)

Includes origin of the cultivars, Growth habit and vigor; Cold hardiness, time of bud break, productivity on secondary buds; days to harvest; cultural concerns; Susceptibility to disease; specific pest concerns, sensitivity to sulfur, copper and other pesticides; and sensitivity to grow regulator herbicide drift. Cluster & berry characteristics, Wine quality
And more

****Vineyard Budgets** <http://www.agmrc.org/>

Search on "Vineyard" for downloadable Excel budget files for different types of training systems that can be customized according to your own setup and local costs

Insects and Disease

****A Pocket Guide for Grape IPM Scouting in North Central & Eastern U.S.** #2889 Michigan State Univ

Plastic-coated scouting guide with 3.5- by 5.0-inch pages, designed for easy field use. It has color pictures and descriptions to help you identify common pests and their damage, natural enemies, diseases, injury caused by birds, hail and herbicides. It also offers guidelines for monitoring and some thresholds. 122 p., 2007 \$14.00 MSU Bulletin Office

**** Midwest Commercial Small Fruit and Grape Spray Guide 2009** - \$6.00 + \$5.34 shipping, Iowa State Extension Distribution Center; also available on-line at http://www.hort.purdue.edu/hort/ext/sfg/sfg_sprayguide.html

***Wine Grapes in the Midwest: Reducing the Risk of the Multicolored Asian Lady Beetle*
<http://www.extension.umn.edu/distribution/horticulture/components/8232grapes.pdf>

Disease Fact Sheets from Cornell <http://nysipm.cornell.edu/factsheets/grapes/default.asp>

- Crown gall
- Black rot
- Powdery mildew
- *And more*

MSU Bulletin Office
Michigan State University
117 Central Services
East Lansing, MI 48824-1001
Phone: 517-353-6740
Fax: 517-353-7168
Office Hours: M-F 8:00am - 5:00pm
URL: <http://www.msue.msu.edu>

Extension Distribution Center
Iowa State University
119 Printing and Publications Building
Ames, Iowa 50011-3171
Telephone: (515) 294-5247
Fax: (515) 294-2945

Double A Vineyards
10277 Christy Road
Fredonia, NY 14063
Phone: 716-672-8493
www.rakgrape.com

Midwest Vineyard Supply
www.midwestvineyardsupply.com
2300 S Twin Bridge Road
Decatur, IL 62521
Phone (217) 864-9896

Orchard Valley Supply
www.orchardvalleysupply.com
5243 Z-Max Blvd.
Harrisburg, NC 28075
1-888-755-0098

MDT& Associates
www.mdtgrow.com
3319 York Av. No.
Minneapolis, MN 55422
1-888- 530-7082