

DRIED-ON-VINE (DOV) RAISIN CULTIVARS

Stephen Vasquez
UC Cooperative Extension
Viticulture Advisor

and **Matthew Fidelibus**
UC Cooperative Extension
Viticulture Specialist

Thompson Seedless

William Thompson - 1872

Most versatile grape (raisin, table, wine, and canning)

Production

- Moderate to vigorous growth
- Industry yield average is ≈ 2 T/A for traditional raisin production
- Full maturity by the first week of September; but, if considered for DOV, it matures to 19 Brix by August 15th, when canes need to be severed for adequate drying
- Thompson Seedless takes approximately six weeks to dry-on-vine, yielding $\approx 4-5$ T/A on an open gable or overhead trellis system

Viticulture Characteristics

- Head trained and cane (4-8) pruned
- Average cluster size ≈ 1 pound
- Susceptible to Phomopsis and powdery mildew
- Some tolerance to nematodes



FIESTA

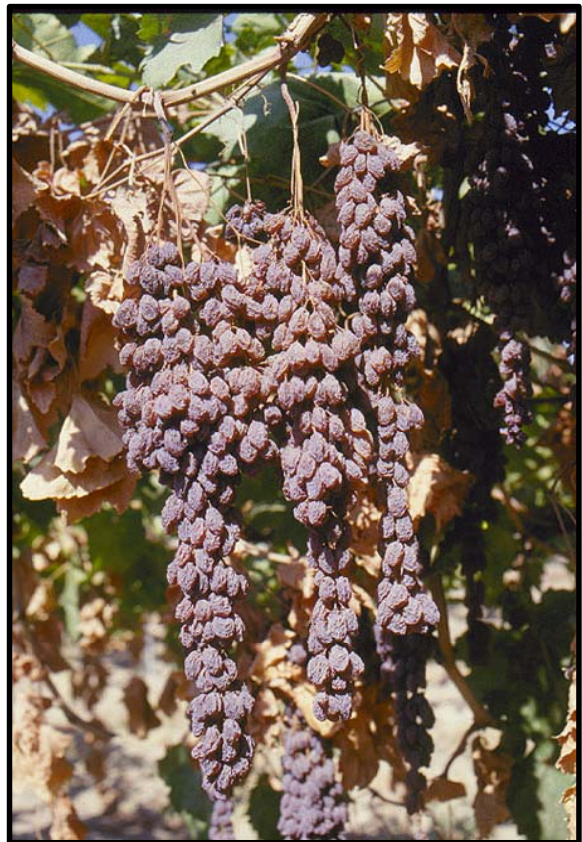
John Weinberger - 1973 USDA release
Versatile grape (raisin and wine)

Production

- Moderate to vigorous growth
- Industry yield average is ≈ 2 T/A for traditional raisin production
- Full maturity reached by mid to late August; but, if considered for DOV production, it matures to 20 Brix by August 15th, when canes need to be severed for adequate drying
- Fiesta takes approximately five weeks to dry-on-vine, yielding $\approx 4-5$ T/A on an open gable or overhead trellis system

Viticulture Characteristics

- Head trained and cane (4-8) pruned
- Average cluster size ≈ 1 pound
- Highly susceptible to Phomopsis, powdery mildew, and Pierce's disease and does not tolerate nematodes when planted on its own-roots



DOVINE

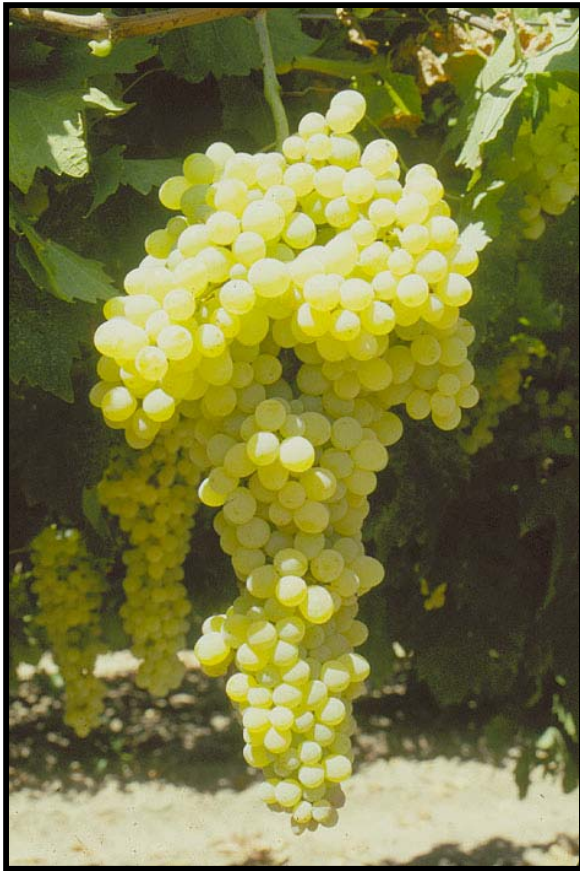
David Ramming - 1995 USDA release
Dried-On-Vine (DOV) raisin grape

Production

- Vigorous growth
- Matures to 21 Brix by August 15th, when canes need to be severed for adequate drying
- DOV takes approximately four to five weeks to dry-on-vine yielding \approx 4-5 T/A on an open gable or overhead trellis system

Viticulture Characteristics

- Cordon trained and cane (4-8) pruned
- Average cluster size \approx 1 pound
- Highly susceptible to powdery mildew and Phomopsis and may be prone to winter injury



SELMA PETE

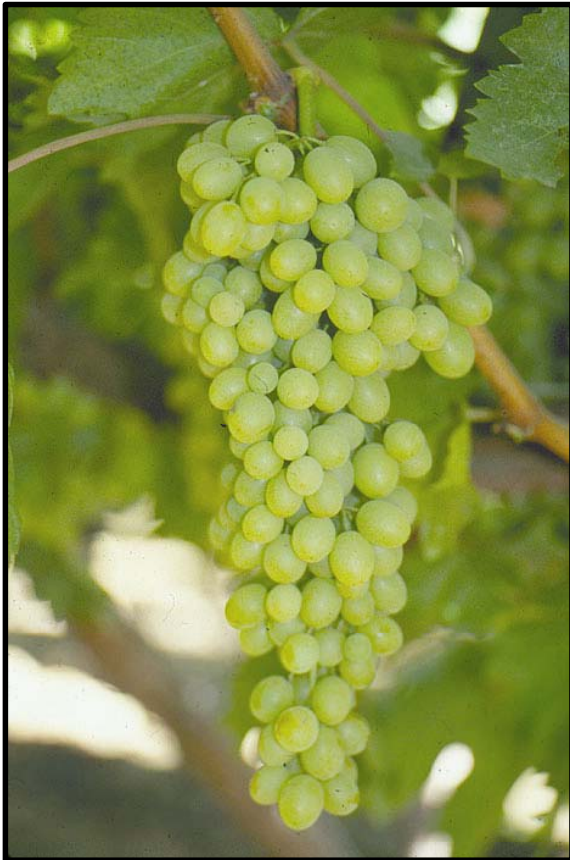
David Ramming - 2001 USDA release
Dried-On-Vine (DOV) raisin grape

Production

- Moderate to vigorous growth
- Matures to 22 Brix by August 15th, when canes need to be severed for adequate drying
- Selma Pete takes approximately four weeks to dry-on-vine, yielding \approx 4-5 T/A on an open gable or overhead trellis system

Viticulture Characteristics

- Cordon trained and cane (4-8) pruned
- Average cluster size \approx 1 pound
- Susceptible to powdery mildew and Phomopsis



BLACK CORINTH (ZANTE CURRANT)

David Fairchild -1901 USDA import

Versatile grape (raisin, wine, and fresh market)

Production

- Vigorous growth
- Matures to 22-24 Brix by August 15th, when canes need to be severed for adequate drying
- Black Corinth takes approximately three to four weeks to dry-on-vine, yielding ≈ 2 T/A on a modified T-trellis

Viticulture Characteristics

- Cordon or head trained and spur or cane (4-8) pruned
- Average cluster size ≈ 0.4 pounds
- Highly susceptible to powdery mildew and can have problems with maturity if leafroll virus is present



SUMMER MUSCAT

David Ramming - 1999 USDA release

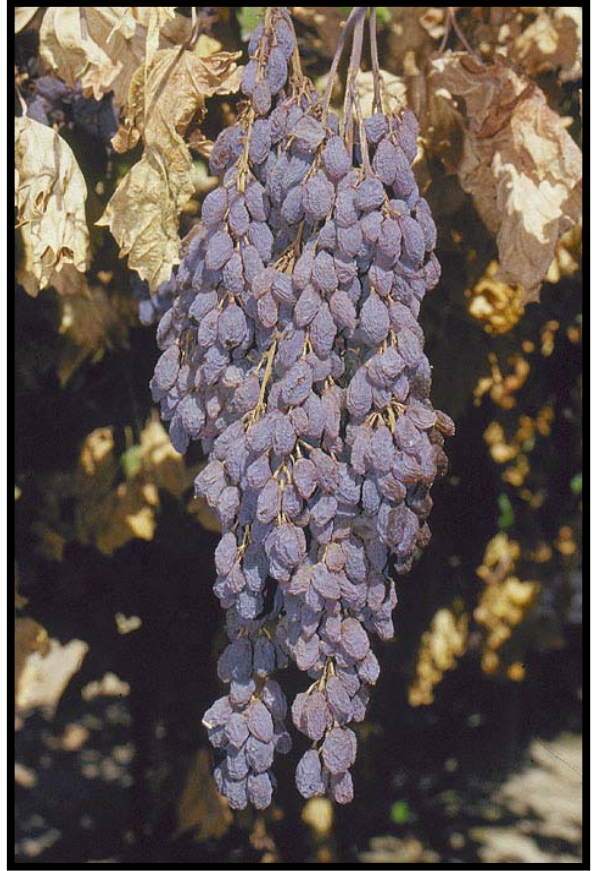
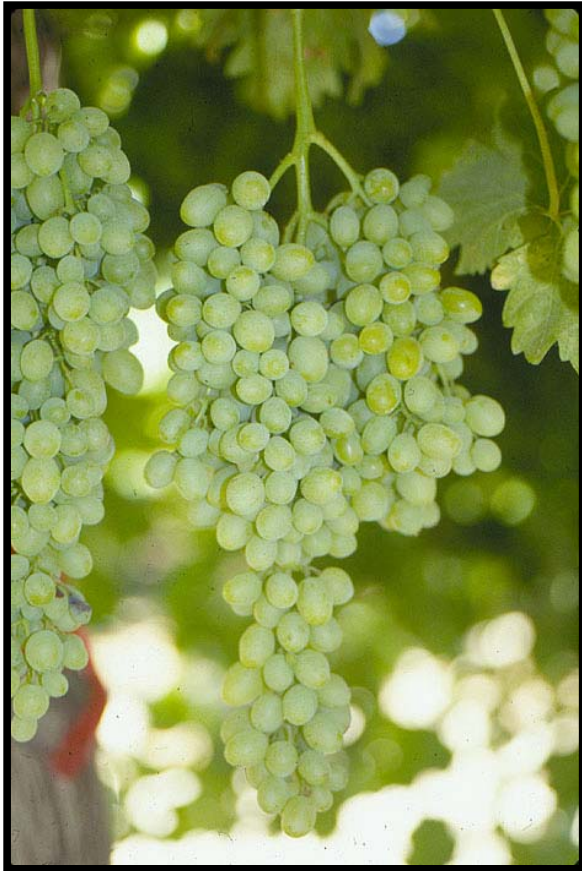
Raisin (confectionery type product) and fresh market (local market)

Production

- Vigorous growth
- Matures to 22 Brix by August 15th, when canes need to be severed for adequate drying
- Summer Muscat takes approximately four weeks to dry-on-vine, yielding $\approx 4+$ T/A on open gable trellis system

Viticulture Characteristics

- Cordon or head trained and spur or cane (4-8) pruned
- Highly fruitful renewal spurs
- Average cluster size ≈ 1 pound



DIAMOND MUSCAT

David Ramming-2000 USDA release

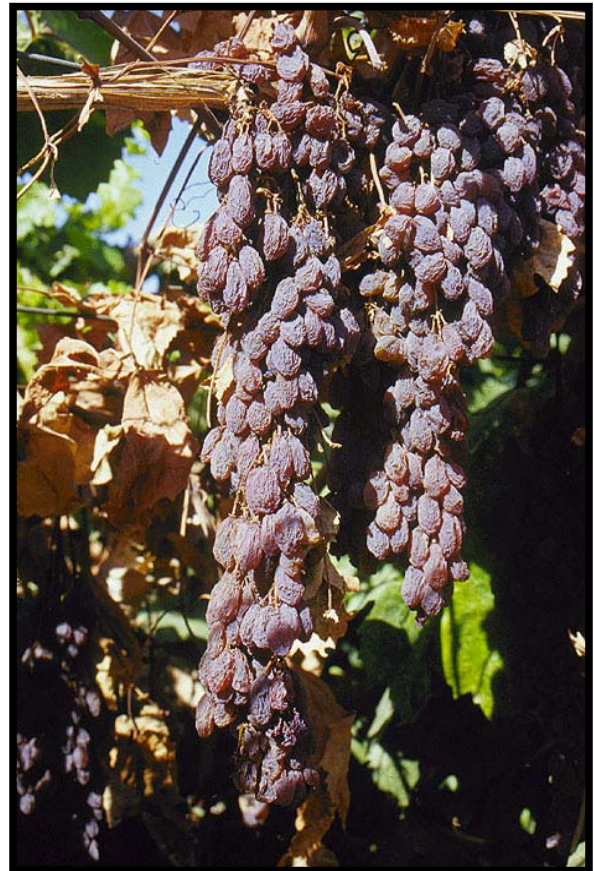
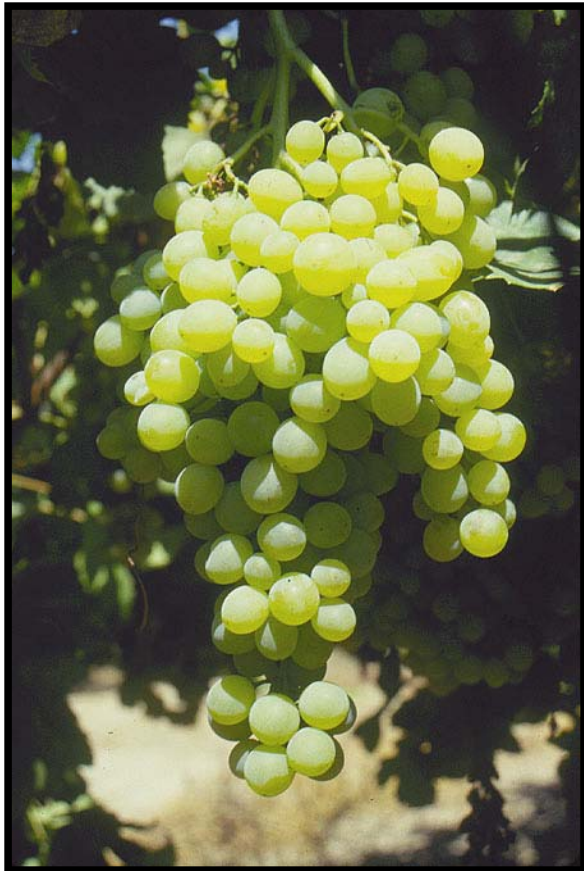
Raisin (confectionery type product) and fresh market (local market)

Production

- Vigorous growth
- Matures to 22 Brix by August 15th, when canes need to be severed for adequate drying
- Diamond Muscat matures approximately one (1) week earlier than Summer Muscat and has a more distinctive muscat flavor than Summer Muscat.
- Diamond Muscat takes approximately four weeks to dry-on-vine, yielding $\approx 4+$ T/A on open gable trellis system

Viticulture Characteristics

- Cordon or head trained and spur or cane (4-8) pruned
- Highly fruitful renewal spurs
- Average cluster size ≈ 1 pound



The University of California prohibits discrimination or harassment of any person on the basis of race, color, national origin, religion, sex, gender identity, pregnancy (including childbirth, and medical conditions related to pregnancy or childbirth), physical or mental disability, medical condition (cancer-related or genetic characteristics), ancestry, marital status, age, sexual orientation, citizenship, or status as a covered veteran (covered veterans are special disabled veterans, recently separated veterans, Vietnam era veterans, or any other veterans who served on active duty during a war or in a campaign or expedition for which a campaign badge has been authorized) in any of its programs or activities. University policy is intended to be consistent with the provisions of applicable State and Federal laws. Inquiries regarding the University's nondiscrimination policies may be directed to the Affirmative Action/Staff Personnel Services Director, University of California, Agriculture and Natural Resources, 300 Lakeside Drive, 6th Floor, Oakland, CA 94612-3550, (510) 987-0096.

