Improvement of *Prunus* and *Vitis* Scions for Fruit Quality and Pest Resistance

Crop Diseases, Pests and Genetics Research Unit
San Joaquin Valley Agricultural Sciences Center
Parlier, CA

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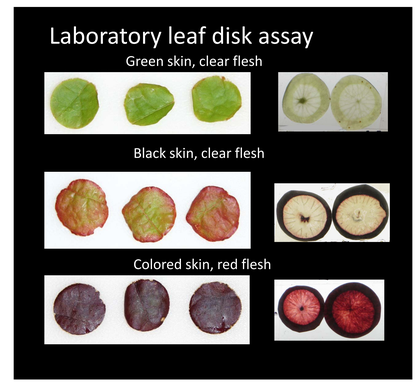
Table Grape Cultivar Development

Natural Large berries with vestigial seed traces

DOVine raisin - Canes cut

Natural DOV Raisin

Phytonutrients - Anthocyanins



Red Flesh Seedless Raisin

Greenhouse screening Selection of resistant plants

Powdery Mildew Resistant Table Grapes

SEUS BC1 – French Hyb. BC1- V. romanetii BC2

Powdery Mildew Resistant Raisin Grapes

SEUS BC1 – V. romanetii BC2 - V. romanetii BC2

Tray Dried - Tray Dried - Natural DOV