



Above Photo: Symptoms caused by GRSPaV- Syrah in a California vineyard

Grapevine Rupestris Stem Pitting Associated Virus - Syrah Strain

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There is scant information on the prevalence of Grapevine Rupestris stem pitting associated virus (GRSPaV)- Syrah in California. In addition, the effects of the virus in infected vineyards are unknown. In Australia, where GRSPaV-Syrah has been acknowledged as a serious problem, a study reports that this strain can cause swollen and cracked graft unions, leaf reddening, and vine decline in grafted vines. Furthermore, the Syrah strain is present in other grapevine varieties as well.

Grapevine Rupestris stem pitting associated virus (GRSPaV) causes a disease that affects grapevines throughout the world. There are several different variations (i.e., variants or strains) of the

virus. The most common strain causes a mild disease exhibiting stem pitting symptoms. In Italy, certain strains of GRSPaV cause grapevine vein necrosis symptoms (also considered a mild disease). GRSPaV- Syrah is a particular strain of the virus that was initially isolated from a Californian Syrah grapevine field selection. The original vine displayed weak growth, red canopy, and enlarged trunk above the graft union.

A test detecting the GRSPaV-Syrah strain is included in our most popular test: Grapevine HealthCheck™ Panel A. Since we implemented the test, our lab has been gathering information from vines that are infected with this virus and hope to be able

to provide more information in the coming years. Please call our lab if you notice particular symptoms in your vineyard associated with the presence of this virus.



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