

## Ready to Address Other Threats

IN 2009, THE PD/GWSS LAW was changed to allow winegrape assessment funds to be used for research and outreach on other pests and diseases of winegrapes. These pests and diseases must pose serious threats to winegrapes, and efforts directed against them must not substantially diminish the efforts on Pierce's disease.

Since 2010 the PD/GWSS Board has designated three pests and one disease as being serious threats to California winegrapes.



The first pest was the European grapevine moth (EGVM). Swift action by the Board contributed greatly to the statewide reduction of this pest. Steady progress toward eradication continues.

The second pest designated was the brown marmorated stink bug (BMSB). BMSB is a

native of western Asia but probably arrived here from the eastern U.S. Its feeding causes small necrotic spots on fruit and leaf surfaces, and BMSB harvested with grape clusters may cause a taint in wine. General pesticide applications are



not effective because BMSBs do not stay long on the plants they feed on.



The third pest designated was the **vine mealybug**. It causes damage on a large scale in some regions of California both directly and from diseases that it spreads.

The disease designated as a serious threat was grapevine red blotch (GRBaV). While just newly discovered, it may have been in vineyards

for decade. GRBaV can greatly reduce yield as well as sugar levels, making the grapes less suitable for making wine. Little is known about the disease and its vectors, and currently there is no known cure.





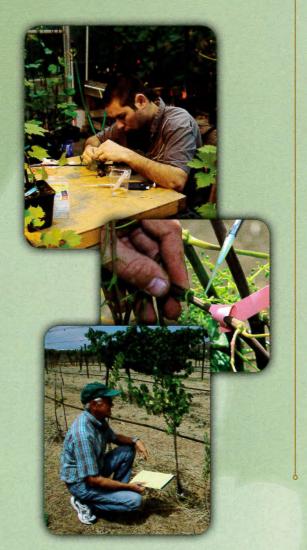


## For more information, you can visit these websites:

CDFA Pierce's Disease Control Program – www.cdfa.ca.gov/pdcp PD/GWSS Board Forum – www.pdgwss.net Pierce's Disease News and Research – www.piercesdisease.org UC Pest Management Guidelines for PD – www.ipm.ucdavis.edu/PMG/r302101211.html UC Integrated Viticulture Online – www.iv.ucdavis.edu

## FUNDING

Where It Comes From & How It Is Spent



or the last 15 years nearly \$20 million a year has been provided by governmental agencies to control and prevent the further spread of GWSS. That's roughly \$2,800 annually for every winegrape grower in California.

During this time an average of \$3 million of winegrape grower assessment dollars has been spent each year on research and other efforts to find solutions to PD. Research and outreach on newly emerging threats to California's vineyards such as the European grapevine moth, brown marmorated stink bug, vine mealybug, and red blotch may also be supported with assessment dollars.

## **USES OF INDUSTRY PD/GWSS ASSESSMENT FUNDS**

