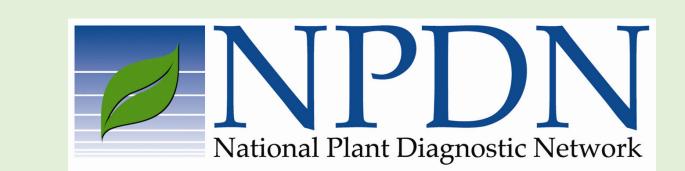


Highlights of the Western Region of the National Plant Diagnostic Network



The Western Plant Diagnostic Network (WPDN) is a regional member of the larger National Plant Diagnostic Network (NPDN). WPDN members include land-grant institutions and state departments of agriculture in ten western States and two U.S. territories in the Pacific. The WPDN region produces over 50% of the value of fruit, nut, and vegetable production in the country, and is home to some of the most active ports for international trade in the U.S. Hence, disease diagnostic in the region is of high economic importance and key to the nation's biosecurity. The region covered by WPDN is perhaps the most diverse in the nation with respect to climate and agriculture. With over 400 different commodities, the climate in the region ranges from the Tropical Pacific Islands to Arctic Alaska, and from the arid and semi-arid environments of the inland West and Southwest, to the humid North Pacific Coast. The Regional Center is located at the University of California, Davis in partnership with the California Department of Food and Agriculture. However, to address the large diversity of the region, the WPDN relies on two additional subregional expert laboratories in the University of Hawaii/Hawaii Department of Agriculture and in Oregon State University of diagnostic work and extension service performed by WPDN member labs throughout the region.



the introduced phantasma scale, Fiorinia phantasma (in the photo), which has a wide host range, including fruit trees such as breadfruit, an important local staple.





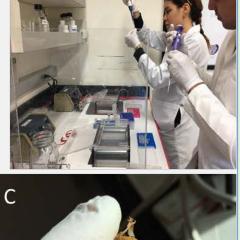
strawberry tree (Arbutus unedo) in Marin and Sonoma counties in California. The new species is being described by Dr. Epstein and a team of microlepidopterists from the U.S. and Europe.

by Marc Ep



include the brown wood rot of lemon trees, which produces lead yellowing and twig dieback (A); whitefly-transmitted viruses of cotton and vegetables (B); and wilt of lettuce caused by Fusarium oxysporum f.sp. Lactucae (C).







garlic and alfalfa, and is a regulatory pest worldwide. If this nematode were to infect onions in New Mexico, it could result in 100% crop loss with an estimated value of over \$100 million annually

