

Highlights and Impacts of October 2005 – December 2005 Projects Funded by the Texas Pierce’s Disease Research and Education Project

Project Investigator’s Name: Jim Kamas

Project Title: Extension Education on Pierce’s Disease in Texas and the Gulf Coast.

Significant Accomplishment	Impact on Texas Pierce’s Disease Management
1. Assisted in plant explorations with Black’s lab to assay native plants for <i>Xylella</i> infection.	Increases knowledge of supplemental hosts of Pierce’s disease in Texas
2. Continued State-wide vineyard survey in Hill Country Vineyards	Increased understanding of the factors associated with risk of <i>Xylella</i> infection
3. Processed seed of native grapevines in preparation for proposed experiment in Spring 2006 investigating the response of native, tolerant <i>Vitis spp.</i> to artificial inoculation with <i>Xylella fastidiosa</i> .	This project should shed light on the anatomical response of tolerant species to X.f. Behavior of the pathogen within the vascular system of native grape species will also be documented.
4. Consulted with numerous prospective grape growers via phone, email, office and site contacts on the suitability of given parcels for commercial grape production.	Provided prospective growers with a science-based objective opinion about the risk and probability of encountering PD on given sites.
5.	
Source and Amount of Funds Leveraging Current Pierces Disease Project:	
Publications/Presentations Documenting Research/Education Outputs (please provide full citations for publications; and the title, audience, location, and date of each presentation):	
<p>1. Reported ongoing PD research activities in Texas to the SERA Information Exchange Group (Extension grape personnel from the Southeast) that met in Missouri this past fall</p> <p>2. Presented a talk entitled “Estimating & Risk of Pierce’s Disease in Texas Vineyards” at the 2005 TWGGA Grape Camp in Junction.</p> <p>3. Delivered an invited presentation entitled Understanding Pierce’s Disease in the U.S. Gulf Coast at the Deep South Fruit & Vegetable Conference held in Mobile, AL in December 2005</p>	

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