

Highlights and Impacts of April 2005 – March 2006 Projects Funded by the Texas Pierce’s Disease Research and Education Project: October – December 2005

Project Investigator’s Name: Edward Hellman

Project Title: Statewide Vineyard Survey and Geographic Information System. Evaluation of PD Risk Factors in West Texas Vineyards

Significant Accomplishment	Impact on Texas Pierce’s Disease Management
1. More than 80 commercial vineyards were surveyed and GPS coordinates recorded	Site-specific data on individual vineyards will provide a better understanding of the risk factors associated with PD in Texas.
2. Construction of the PD Geographic Information System was initiated with inclusion of vineyard survey data and environmental datasets.	The GIS system will enable spatial analysis of data that may reveal relationships between PD, sharpshooters, vineyard features or management practices, and environmental factors.
3. Plant samples were collected from two west Texas vineyards for subsequent ELISA analysis for Xylella fastidiosa.	Identification of supplemental host plants for Xylella fastidiosa will increase our understanding of PD risk factors in west Texas.
4.	
5.	
Source and Amount of Funds Leveraging Current Pierces Disease Project:	
1.	
2.	
3.	
Publications/Presentations Documenting Research/Education Outputs (please provide full citations for publications; and the title, audience, location, and date of each presentation):	
1.	
2.	

3.

Please email to KMHeinz@tamu.edu by end of business on January 2, 2006.