

Highlights and Impacts of October 05 – December 05 Projects Funded by the Texas Pierce’s Disease Research and Education Project

Project Investigator’s Name: David Appel

Project Title: Diagnosis, Epidemiology and Control of Pierce’s Disease

Significant Accomplishment	Impact on Texas Pierce’s Disease Management
1. Palacios vineyard maps were completed	<ul style="list-style-type: none"> - adds a total of 12,342 vines to the epidemiology data base - seven new grape varieties were added to the list of those grapes where the epidemiology of within vineyard spread of <i>Xylella</i> is being studied - represents a formal working relationship with a new grower in a new part of the PD range in Texas
2. Cooperative project with Dr. Doug Cook, University of California Davis was initiated	<ul style="list-style-type: none"> - obtained 150 vines of native Texas grape species for inoculation studies - made preparations for planting of the rooted cuttings - these studies will contribute to a greater understanding of the molecular mechanisms involved in tolerance of native Texas grapes to the PD pathogen
3. Project proposal for Texas Pierce’s Disease Research and Education Project was prepared and submitted	- the successful acceptance of this proposal has allowed for continuation, and completion, of some critical studies on the epidemiology of PD in Texas
4. Attended Pierce’s disease meeting in San Diego, CA, 12/06/05	- this meeting proved to be an enormous source of information directly relevant to the studies in this project in terms of additional objectives, validation of current approaches, and contacts for contributing to completion of the proposed objectives
5. Designed draft of Pierce’s Disease diagnostic brochure	- this brochure will be of great value for field diagnosis of PD and as an educational tool on the strengths and weaknesses of the various diagnostic protocols
Source and Amount of Funds Leveraging Current Pierces Disease Project: 1.None at this time.	
Publications/Presentations Documenting Research/Education Outputs (please provide full citations for publications; and the title, audience, location, and date of each presentation):	
1. Attended meeting called by the Texas Grape Grower’s in October in Fredericksburg, TX, for purposes of project review	

Please email to KMHeinz@tamu.edu by end of business on September 30, 2005.