

8th Annual Texas PD Research Symposium Scheduled for Tuesday, February 15, 2011 at Duchman Winery in Driftwood



TEXAS PD NOTES IS PRODUCED AND EDITED BY:

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The 2011 Texas Pierce's Disease Research Symposium is scheduled for Tuesday, February 15th at Duchman Family Winery in Driftwood, Texas.

This year, the symposium will focus on plant defense mechanisms. For years we have watched the progression of Pierce's disease in certain areas and have asked ourselves.... Why is this not worse? What happened in the vineyard

that appeared to be dying and now it looks remarkably better?

There are a number of mechanisms that trigger plant defenses against a wide assortment of diseases. Fertilizers, cold winters and rainfall are just the tip of the iceberg. This symposium will feature presentations on practical approaches now being researched that may offer growers ways to mitigate Pierce's disease as well as a

number of other plant pathogens.

This year's keynote speaker is Dr. Bruce Kirkpatrick,



Dr. Bruce Kirkpatrick, Plant Pathologist at U.C. Davis will be the Keynote Speaker at the 2011 Texas Pierce's Disease Research Symposium

Professor of Plant Pathology at the University of California at Davis.

Additional Articles Contributed by Members of the Texas Pierce's Disease Research and Education Program

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2011 Texas PD Research Symposium, continued

Dr. Kirkpatrick has been working with Pierce's disease for well over a decade and has pioneered the work on eliciting plant resistance to this bacterial pathogen.

Bruce will talk about the intriguing results of his ABA studies which show that under some conditions, abscisic acid applied to plants as a spray or as a root drench mimic curative therapeutic results of cold temperatures. He will also review his work on pruning to remove or reduce vine infection, his earlier work with topical applications of bactericides, zinc and copper supplements as well as other current lines of practical research.

In addition to Dr. Kirkpatrick's presentations, other presentations will be given on triggering or enlisting plant defense mecha-

nisms. 2011 conference attendees will also hear:

- *An Overview of Plant Defense Mechanisms— Andrew Labay
- *Biological Control of Pierce's Disease & Systemically Acquired Resistance— David Appel
- *Endophytic Microbial Populations Naturally Occurring in Grapevines— Lisa Morano
- *Transgenic Approaches to Solving Pierce's Disease— Mark Black
- *Rootstocks for Disease Management— Jim Kamas

For those of you who have not had the opportunity to visit the Duchman's Winery, it is indeed a beautiful facility. We would like to cordially thank Drs. Lisa and Stan Duchman, Dave Reilly, Mark Penna and all of the staff at Duchman Family Winery for extending their hospitality in hosting this year's conference.

Registration Starts at 8:30. Conference runs from 9-4 with social hour to follow. Registration fee for this year's conference is \$40 and includes catered lunch, and wine social. \$50 registration at the door (as space allows). On-line registration runs from January 18— Feb 11. Registration, map and more details available on-line at: <https://agrilifevents.tamu.edu/index.cfm>

Event Name: **2011 Texas PD Research Symposium**



Duchman Family Winery is located at 13308 FM 150 West, Driftwood, Texas

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Availability of New PD Tolerant 'Victoria Red' Grapevines— Jim Kamas

As announced in the last issue of Texas PD Notes Newsletter, vines of the newly released 'Victoria Red' will be available to the public this spring free of charge on a first come, first served basis.

Evaluated as Arkansas 1475, 'Victoria Red' has been vigorous and productive for well over 20 years under extremely high Pierce's disease pressure where susceptible varieties have died from the disease. Vines will be grafted to either 5BB or 1103 Paulsen rootstock and be grown and available for pick up in one gallon containers.

Based on the recommendation of the PD

Grower Advisory Board, commercial nurseries will be allowed 30 vines per entity, commercial growers, 15 vines per grower and homeowners, 3 vines per household. Vines will be grafted on 5BB while others will be on 1103 Paulsen rootstock. There will be no charge for any of these vines, but growers will either need to pick up vines at the Fredericksburg PD Lab or make arrangements for shipping.

Requests for 'Victoria Red' vines should be submitted via email to Jim Kamas at j-kamas@tamu.edu.



Victoria Red is a New PD Tolerant Grape Variety Jointly Released by the University of Arkansas and Texas AgriLife Research & Extension. Victoria Red is a High Quality Seeded Grape with Both Table and Wine Production Potential

This publication may contain pesticide recommendations. Changes in pesticide regulations occur constantly and human errors are possible. Questions concerning the legality and/or registration status for pesticide use should be directed to the appropriate Extension Agent / Specialist or state regulatory agency. Read the label before applying any pesticide. The Texas A&M University System and its employees assume no responsibility for the effectiveness or results of any chemical pesticide usage. No endorsements of products are made nor implied.

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