

DAY 1: DECEMBER 14, 2021

Opening Session

Time	Topic	Speaker
8:30 – 8:35 a.m.	Call to Order and Welcome	Craig Hanes
8:35 – 8:45 a.m.	Opening Remarks	Karen Ross
8:45 – 8:55 a.m.	Overview of Pierce's Disease Control Program and Pierce's Disease/Glassy-Winged Sharpshooter Board	Craig Hanes
8:55 – 9:00 a.m.	Winegrape Grower Outreach Update	Nicole Shorter

Session 1: Pierce's Disease Biology and Advancements in Resistance

Time	Topic	Speaker
9:00 – 9:20 a.m.	The Use of Transgenic Rootstocks to Suppress PD	David Gilchrest
9:20 – 9:50 a.m.	Pierce's Disease Resistant Varieties Current and Future	Andy Walker/ Summaira Riaz
9:50 – 10:10 a.m.	Generating PD Resistant Grapevines Using the Endogenous Grapevine Immune System	Caroline Roper
10:10 – 10:20 a.m.	Q&A	

Break 10:20 – 10:40 a.m.

Session 1 continued: Pierce's Disease Biology and Advancements in Resistance

Time	Topic	Speaker
10:40 – 11:10 a.m.	CRISPR Modification of <i>Homalodisca vitripennis</i>	Peter Atkinson
11:10 – 11:30 a.m.	Virulence Differences in <i>Xylella fastidiosa</i> Isolates Collected from Grape in California	Lindsey Burbank
11:30 – 11:50 a.m.	Taking a Closer Look at the 'Other' Pierce's Disease Vectors in the North Coast	Matt Daugherty
11:50 a.m. – 12:00 p.m.	Q&A	

Lunch Break 12:00 – 1:00 p.m.

Session 2: Pierce's Disease Epidemiology and Control Strategies

Time	Topic	Speaker
1:00 – 1:20 p.m.	Local Adaptation of <i>Xylella fastidiosa</i> Strains in California: Genomics and Insights from the Field	Monica Donegan
1:20 – 1:50 p.m.	Optimizing <i>Paraburkholderia</i> for Pierce's Disease Control	Steven Lindow/ Caroline Roper
1:50 – 2:10 p.m.	Zinc Nanoparticles Against <i>Xylella fastidiosa</i>	Leonardo De La Fuente
2:10 – 2:15 p.m.	Q&A	

Break 2:15 – 2:30 p.m.

Session 3: Grower Presentation and Roundtable with Researchers

Time	Topic	Speaker
2:30 – 2:50 p.m.	Update on Spotted Lanternfly	Matt Kaiser
2:50 – 3:10 p.m.	Growers on Farm Management Practices of Pierce's Disease and Glassy-Winged Sharpshooter	Josh Polich/ John Kovacevich
3:10 – 4:00 p.m.	Roundtable with Researchers / Q&A	
4:00 p.m.	Closing Remarks	Matt Kaiser

DAY 2: DECEMBER 15, 2021

Opening Session

Time	Topic	Speaker
8:30 – 8:40 a.m.	Welcome and Opening Remarks	Kris Lowe

Session 4: Grapevine Viruses – Biology and Disease Impacts

Time	Topic	Speaker
8:40 – 9:00 a.m.	Red Blotch Impacts on Ripening and Metabolism	Anita Oberholster
9:00 – 9:20 a.m.	Red Blotch Impacts on Flavor in Grapes and Wine	Michael Qian
9:20 – 9:40 a.m.	Structure-function of Red Blotch Virus	Chris Rock
9:40 – 9:45 a.m.	Q&A	

Break 9:45 – 10:00 a.m.

Session 5: Red Blotch Virus – Epidemiology and Control

Time	Topic	Speaker
10:00 – 10:20 a.m.	Role of Treehoppers in Red Blotch Epidemiology	Frank Zalom
10:20 – 10:40 a.m.	Update on Red Blotch Transmission and Ecology	Marc Fuchs
10:40 – 11:00 a.m.	Red Blotch Transmission in Oregon	Vaughn Walton
11:00 – 11:20 a.m.	Lessons from the Russell Ranch Foundation Vineyard	Vicki Klaassen
11:20 – 11:40 a.m.	Factors Influencing the Adoption of Management Practices	Malcolm Hobbs
11:40 – 11:45 a.m.	Q&A	

Lunch Break 11:45 a.m. – 12:45 p.m.

Session 6: Leafroll Virus, Mealybugs, and Biotechnology Advancements

Time	Topic	Speaker
12:45 – 1:05 p.m.	Host Plant Resistance to Leafroll 3 and its Mealybug Vectors	Marc Fuchs
1:05 – 1:25 p.m.	Virus-based Delivery of Interfering RNAs Targeting Grapevine Leafroll-Associated Virus(es)	Yen-Wen Kuo
1:25 – 1:45 p.m.	Non-transgenic Genome Editing to Confer Grapevine Resistance to Pathogens	Laurent Deluc
1:45 – 2:05 p.m.	Gene Editing in Grapevines Using Protoplasts	David Tricoli
2:05 – 2:10 p.m.	Q&A	

Break 2:10 – 2:30 p.m.

Session 7: Grower Presentations and Roundtable with Researchers

Time	Topic	Speaker
2:30 – 2:50 p.m.	Neighborhood Cooperative Vector and Virus Control Programs for Leafroll 3 – What’s Working, What Isn’t	Aaron Lange
2:50 – 3:10 p.m.	Grower Struggles with Effectively Roguing Red Blotch	Kris Lowe
3:10 – 4:00 p.m.	Roundtable with Researchers / Q&A	
4:00 p.m.	Closing Remarks	