

Tuesday, 6 December 2022

The Grange Estate
4A Commonwealth Ln
Campbell Town TAS 7210

10:30 am – 2:00 pm

Time	Agenda	Presenter
10:30 – 10:55	Welcome and introduction	Marcel Essling (AWRI)
10:55 – 11:20	Canopy management and sunburn in grape berries	Joanna Gambetta (CSIRO)
11:20 – 11:45	Weed management without synthetic chemicals	Chris Penfold (AWRI)
11:45 – 12:10	Understanding powdery mildew and strategies to help control the disease	Marcel Essling (AWRI)
12:10 – 12:45	Lunch	
12:45 – 13:10	Bringing science to wild wine	Anthony Borneman (AWRI) [VIRTUAL]
13:10 – 13:35	The flavour of bottle-aged Riesling: predicting and controlling future chemistry	Josh Hixson (AWRI) [VIRTUAL]
13:35 – 14:00	Scale and mealybug - what can you do to control these sap-sucking insects?	Marcel Essling (AWRI)

Booking is essential

Please book [here](#) and for more information, please contact:

AWRI Events
Ph. 08 8313 6600 | Email: events@awri.com.au

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Marcel Essling – Senior Viticulturist, AWRI
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Marcel Essling is a Senior Viticulturist at the AWRI. He provides viticulture and technical advice to the Australian wine sector as well as coordinating activities associated with the provision of information related to agrochemicals. He holds a BAgSc in Viticulture from The University of Adelaide and a BBus from Victoria University of Technology. Marcel is chair of the Agrochemical Reference Group, represents the AWRI on the AgChem Access Priorities Forum, advises the Wine Industry Technical Advisory Committee and is a member of the Adelaide Hills Wine Technical Subcommittee.



Josh Hixson – Senior Research Scientist, AWRI
josh.hixson@awri.com.au

Josh Hixson is a research scientist at the AWRI with expertise in chemical structure and reactivity. He has previously worked on re-use of winery waste and condensed tannins, and now applies his chemistry knowledge to the generation of flavour.



Dr Anthony Borneman - Research Manager, AWRI
anthony.borneman@awri.com.au

Dr Anthony Borneman is Research Manager - Molecular Biology at the AWRI and an Affiliate of the University of Adelaide. He leads research that is focused on applying genomics to understand the genetic basis of biological diversity in winemaking, including grapevines; commercial wine yeast and bacteria; and wild ferments.



Chris Penfold – Senior Viticulturist, AWRI
chris.penfold@awri.com.au

Chris Penfold's roots are from a broadacre farm at Tumby Bay on Eyre Peninsula. He gained an Agriculture Degree and Postgraduate Diploma in Natural Resource Management from Roseworthy Agricultural College, and later a Masters in Agricultural Science, which was the culmination of an eight-year investigation of organic and biodynamic broadacre farming systems. In 2000 he started the journey in viticultural research, which included investigating non-chemical weed control, native cover cropping options, organic and biodynamic systems and most recently under-vine cover cropping as an alternative to the application of herbicides for weed control. After 30 years he has retired from research at the University of Adelaide and now enjoys part-time work with the AWRI and conducting organic audits for NASAA, along with some recreational flying and travel when possible.