

Scientific Publications (refereed)

Barril, C., Clarke, A., Scollary, G., (July 2008) Understanding the contribution of ascorbic acid to the pigment development in model white wine systems using liquid chromatography with diode array and mass spectrometry detection techniques, *Analytica Chimica Acta* 621, pg 44 – 51.

Ryan, D., Prenzler, P., Saliba, A., Scollary, G. (2008) The significance of low impact odorants in global odour perception, *Trends in Food Science & Technology*, doi: 10.1016/j.tifs.2008.

Steel, C., Greer, D. (2008) Effect of climate on vine and bunch characteristics: Bunch rot disease susceptibility, *Acta Horticulture* 785, 253 - 262.

Thomas, M., Watt, M., Turnbull, M., Peltzer, D., Whitehead, D. (2008) Compensation in seasonal leaf area dynamics and leaf longevity after defoliation in *Buddleja davidii*, *Weed Research* 48, pg 340 – 348.

Qiu, Y., Savocchia, S., Steel, C.C., Ash, G.J. (in press). *Botryosphaeria dothidea* associated with grapevine trunk disease in south-eastern Australia, accepted for publication in *Australasian Plant Pathology*.

Hall, A., Louis, J. (Accepted 5/2/08) Vineclipper: A proximal algorithm to tie GPS field locations to high resolution vine imagery, *Geoinformation and Cartography*, Reinke, K., Jones, S. (Australian Remote Sensing and Photogrammetry Society, Canberra, Australia.) Springer-Verlag..

Barlow, K., Bond, W., Holzapfel, B., Smith, J. and Hutton, R. (Re-submitted) Nitrogen export through sub-surface and surface pathways from irrigated vineyards in Australia, *Australian Journal of Grape and Wine Research*.

Hall, A., Louis, J. and Lamb, D. (Accepted 6/12/07) Low resolution remotely sensed images of winegrape vineyards map spatial variability in planimetric canopy area instead of LAI, *Australian Journal of Grape and Wine Research*.

Research Conference – Papers and/or addresses

Henick-Kling, T (April 2008) Studies on the origin and sensory aspects of atypical aging in white wine. Paper presented to the 15th International Enology Symposium, Trier, Germany,

Holzapfel, B (April 2008) The influence of management practice on vine carbohydrate reserve accumulation and wine productivity. Paper presented at the 15th International Enology Symposium, Trier, Germany,

Greer, D (May 2008) Grapevine physiology in controlled environments. Paper presented to the 2008 International Meeting on Controlled Environment Agriculture held at Cocoa Beach, Florida, USA.

Holland, J. (August 2008) A new method to measure sub-soil drainage flux. Paper to be presented at the EuroSoil Conference 2008, Vienna, Austria.

Holland, J. (August 2008) Nutrient movement and losses from irrigated warm climate vineyards in Australia. Paper to be presented at the EuroSoil Conference 2008, Vienna, Austria.

Deegenars, A (October 2008) NSW Staff connecting wine industry organisations in learning about their spaces- environmental sustainability, water use efficiency, and quality wine grapes, Australian Learning Communities Conference, Adelaide, Australia.

Research Conference – Posters

Whitelaw-Weckert M.A., (March 2008) Interactions between *Cylindrocarpon macrodidymum*, *Streptomyces sp. MW555* and *Vitis vinifera*. International Conference on Biotic Plant Interactions, Brisbane, 27-29th March.

Barlow K, Nash D (2008) Managing the risk of nitrogen leaching from vineyards using a Bayesian Network for Decision Analysis. Soils 2008 Conference, Palmerston North, New Zealand 1-5 December 2008 (submitted).

Technical Reports and Industry Journals (non-refereed)

Scott E, Sosnowski M, Emmett B, Magarey P, Savocchia S, Evans K, Edwards J (2008). International expert visits Australia to discuss grapevine diseases. *The Australian and New Zealand Grapegrower and Winemaker* 528: 20-22.

Whitelaw-Weckert M, Rahman L, Appleby L, Spence H (July 2008). Soil microbes in the fight against 'young vine decline', *Australian & New Zealand Grapegrower & Winemaker*, pg 28 – 29.

"Managing the conversion to drip irrigation in vineyards- pitfalls and post conversion scheduling techniques," J Giddings and A Deegenars. GWRDC drought module (trainer and trainee notes and presentation materials)

" Post Harvest Care of Vines" – B Holzapfel, L Quirk (GWRDC drought module trainer and trainee notes and presentation material)

Workshop – Presentations

Andrew Hall, (30 April 2008), Grapes in Space: Precision Viticulture and Yield Forecasting, Presentation to the Mudgee Wine and Grape Grower's Association, Mudgee.

Wayne Pitt (11-13 May 2008), Grapevine Trunk Diseases - An Overview – Symptoms and Management, IHD Vitilink Technical Conference, Mt Evelyn, Victoria.

Wayne Pitt (12 June 2008), Grapevine Trunk Diseases - An Overview – Symptoms and Management, Wine Grape Growers Australia Meeting, Cowra, New South Wales.

Leo Quirk (12 June 2008), Wine Benchmarking Survey – Cowra Results. Wine Grape Growers Australia Meetings, Cowra, New South Wales.

Wayne Pitt (13 June 2008), Grapevine Trunk Diseases - An Overview – Symptoms and Management, Orange Regional Vignerons Association Meeting, Orange, New South Wales.

Leo Quirk (13 June 2008), Bunch Stem Necrosis – a regional issue, Orange Regional Vignerons Association Meeting, Orange, New South Wales.

Leaflets / Brochures / Technical Guides

Henick-Kling, T, (2008) NWGIC Brochure.

Vineyard identification system

(<http://www.dpi.nsw.gov.au/agriculture/horticulture/grapes/information/vineyard-id-system>)

Public Presentations

Event	Presented by	Date	Number of Attendees
Food and Wine Matching	Anthony Saliba	22 February 2008	14
Beer Appreciation	Anthony Saliba	29 March 2008	50
Presentation to Mudgee Grape Growers Association	Anthony Saliba Andrew Hall Chris Steel	30 April 2008	50
WGGA National Wine Grape Sector Outlook Seminars2008	Leo Quirk Wayne Pitt	10 June 2008	100
ORVA vineyard walk and season wrap	Jeremy Bright	13 June 2008	23
Presentation to North East Victorian Grap growers & Winemakers	Anthony Saliba Andrew Hall Chris Steel Dennis Greer	11 July 2008	30

Media Reports

Prime News reported on the consumer testing completed in Wagga in December, interviewing Anthony Saliba and filming the sensory lab and consumer testing.

ABC News reported on the same event and interviewed John Blackman.

Australian Viticulture (Volume 12, Number2, March/April 2008, pg 18-19) published a story 'Putting the 'e' into regionality – new extension manager outlines key focus for industry'.

Press Release

'New horticulturist brings international perspective to Mudgee' - Bernadette York - press release.

'New appointments to boost wine industry', Press release.

'Making Wines that are True Blue', The Financial Review, Monday 14 July, pg 34 – Press release.

'It's all in the tastebuds', The Weekly Times, Wednesday 16 July, pg 84 – Press release.

Winegrowing Futures Program Extension Activities

Theme Extension Officer	Extension Activity	Date
Leo Quirk Shayne Hackett with Project staff	Harvest coordination and grower liaison	30 January - 6 February 2008
Jason Cappello	Wine Grape Marketing Board fruit quality analysis	30 January - 6 February 2008
Duncan Farquhar	National extension group planning meeting - Attwood. Signposts meeting	6-7 February 2008
Murray Spicer	National extension group planning meeting - Attwood. Signposts meeting	6-7 February 2008
Julie Dart	Drought assistance meeting with Tumbarumba vignerons to explain MDB irrigation management grants.	7 February 2008
Mr Leo Quirk	Communicate with stakeholders and report to State Extension network	6 March 2008
Leo Quirk	Meeting held with HVVA as a follow up to tele-conference in reference to QFF. Extension awareness campaign is required through out the Hunter Valley to assist growers in managing this pest. RITA proposal is in the process of being submitted to assist with seminars and trapping and baiting program. Assisted other themes in harvest activity	4 April 2008
Duncan Farquhar	National extension group planning meeting - Attwood. Signposts meeting	16 April 2008
Murray Spicer	National extension group planning meeting - Attwood. Signposts meeting	16 April 2008
Julie Dart	Meeting with Shane H, Leo Q, J Dart & members of TVA to discuss RITA proposal for crop loss problem- could be either Pseudomonas syringae infection or Molybdenum deficiency affecting fruit set.	17 April 2008
Duncan Farquhar Murray Spicer	National Wine Extension network meeting - Perth	3-4 June 08