

# ANNUAL INDEX

The Australian Grapegrower & Winemaker

Nos. 444 – 455 2001

**African Black Beetle (see Pest & Disease Management)**

**Australian Grapevine Yellows (see Pest & Disease Management)**

## **Australian Wine Business\***

- Assessing needs and wants improves staff retention. Ian Perrett. 454:96-97.
- Asset rich, cash poor – fundraising options. Mark Hamilton. 451:58-59.
- A testament to the GST and WET. Neil Johninke. 447:84.
- A warning to Pitt Street farmers. Sean Cortis. 448:65-66.
- Australian joint ventures: a door to export success for the wine industry. Johan Bruwer. 446:15-19.
- Can you reap benefits from the Simplified Tax System? Sean Cortis. 452:80-81.
- Cellar door sales – wet areas and the WET. Andrew White. 452:79-80.
- Collecting your debts – a short guide. Shauna Jarrett. 444:73-74.
- Consider all the options when facing disputes. Frank Lancione. 448:79-80.
- Corporate manslaughter and the wine business. Michael Tooma. 444:75.
- Environmental management and the boutique winery. Rod Josey. 447:86-87.
- Environmental responsibilities of the wine industry. Frank Lancione. 455:86-87.
- Establishing cellar door sales – marketing. Peter Elder. 444:67-72.
- Establishing cellar door sales – operations. Peter Elder. 445:51-53.
- Finely-tuned skills are essential for your success. Ian Perrett. 455:89.
- Get close to your staff. Ian Perrett. 450:76.
- Grapegrowing and winemaking returns – why are they so poor and what are the remedies? Sean Cortis. 454:91-93.
- Grape sale contracts – are they worth the paper they're written on? Andrew White. 447:75-76.
- How to purchase/sell/merge/joint venture a wine company. Will Taylor. 453:96-100.
- Investing your super in your business. Sean Cortis. 447:77-78.
- It's almost too late to halt overseas ownership, says Reg Clairs. Ian Perrett. 451:64-65.
- Market access is the key to the long-term success of the global wine industry – Downer. (Special report). 455:88.
- Names, names, names! Rosemount and Henschke: what can we learn from this high-profile case? Andrew White. 448:75-76.
- Protecting your business during uncertainty. Darriel Hutchinson. 453:95.
- Sorting out the anomalies in the new accounting standard for SGARAs. Sam Paton. 450:80.
- Tax-driven vineyard strife. Mark Hamilton. 454:94, 96.
- The days of the mega suggestion box are here! Ian Perrett. 453:101.
- The global wine market: where now for Australia? Robert Joseph. 445:54-56, 58-59.
- The impossible? Certainly, I can do that...it may just take an extra day! Brian Wilson. 449:55-56.
- The seven mirages of management. Ian Perrett. 452:82.
- The 'what' and 'how' of executive success. Ian Perrett. 449:57-58.
- The wine industry and accounting standards – an unusual combination. Leigh Devine. 447:80-82.
- The year-end BAS trap. Sean Cortis. 451:57.
- Understanding director's duties in the wine business. Frank Lancione. 450:73-74.
- WET adds insult to injury for the small producer. Sonya Wiley. 446:11-14.
- Winery tourism – the Queensland wine industry's reason for growth. Peter Scudamore-Smith and Craig Rutledge. 445:60-63.
- Workplace safety issues for the wine industry. Andrew White. 450:77-79.
- Year-end tax planning. Sean Cortis. 449:59-61.

## **Benchmarking**

- Benchmarking Shiraz for quality – some inaugural findings. (Special report). 454:52.

**Biodynamic Grapegrowing & Winemaking (see Organic and Biodynamic Viticulture & Winemaking)**

**Bird Control (see Pest & Disease Management)**

**Botrytis (see Pest & Disease Management)**

## **Bottling, Labelling & Packaging**

- Contract packaging – pleasure or pain? Lyn Tasker. 451:89-90, 93.
- Labelling for international markets. Steve Guy. 451:79-80.
- Packaging waste and the National Packaging Covenant. Michelle Tustin. 451:87. (Updated article available from the Grapegrower & Winemaker website – www.grapeandwine.com.au – by viewing the news items from the August 2001 issue).
- Venting or leaking? Residual headspace pressure in bottled wines. J.A. Casey. 453:115-116, 118.
- What is an Australian label and does anyone care? Ian Kidd. 451:83-84.

## **Closures**

- Reducing contaminants in wine corks. Dr. Miguel F.A. Ferreira Cabral and José Leal Ferreira. 449a:169-170.
- Results of an AWRI trial investigating the technical performance of various types of wine closure: Part 1 – Physical measurements up to 20 months post-bottling. Peter Godden, Leigh Francis, John Field, Mark Gishen, Adrian Coulter, Peter Valente, Peter Hoj and Ella Robinson. 451:67-70, 72-73, 75-77.
- Results of an AWRI trial investigating the technical performance of various types of wine closure: Part 2 – Wine composition up to 20 months post-bottling. Peter Godden, Leigh Francis, John Field, Mark Gishen, Adrian Coulter, Peter Valente, Peter Hoj and Ella Robinson. 452:89-91, 93-98.
- Results of an AWRI trial investigating the technical performance of various types of wine closure: Part 3 – Wine sensory properties up to 20 months post-bottling. Peter Godden, Leigh Francis, John Field, Mark Gishen, Adrian Coulter, Peter Valente, Peter Hoj and Ella Robinson. 453:103-110.
- Sealing wine bottles with cylindrical stoppers. J.A. Casey. 449a:64-66, 70.

## **Cover Cropping**

**(see also Organic & Biodynamic Viticulture & Winemaking)**

- Cover crop range provides management solutions in vineyards across Australia. Brenton Jettner. 445:34-35.
- Monitoring soil water availability in Coonawarra vineyards – Part 1. Coonawarra Grape Growers Association Landcare Group. 445:29-32.

## **Crushing & Pressing**

- Identifying the performance and physical qualities of a destemmer/crusher or press. Bruce Davis. 449:35-37.
- Innovative ideas in grape processing. Keith Tulloch. 449:43-44.

## **Education & Training**

- A broad spectrum of courses on offer at Hawkesbury. Professor Geoff Skurray. 450:106-107.
- Breaking the mould: wine marketing at the University of South Australia. Professor Larry Lockshin. 450:102.
- Continuing the tradition of excellence in wine education at CSU. Geoffrey Scollary. 450:100.
- Curtin University students on 'groundbreaking' wine study tour. (Special report). 455:46-47.
- Educators and industry gear up for ASWE convention. Cameron Hills. 450:115-116.
- La Trobe University – Victoria on the move. Lindsay Corby. 450:108.
- Making the most of assessment in workplace training. Sarah Pearson. 450:97-98.
- Study, work hand in hand at La Trobe. Val Sandeman. 450:98.
- TEAM – Training Everyone Achieves More. Sharon Hebbard. 450:111.
- Waite laboratory celebrates national first for Australian wine education. Sonya Logan. 450:104-105.

## **Environmental Management**

- Viticare: equipping the industry to operate in a green future. David Baker, David Braybrook and Gayle Grieger. 449:30-32.

**Esca (see Pest & Disease Management)**

**Eutypa dieback (see Pest & Disease Management)**

## **Fermentation Technology**

- Alcoholic ferments – the happy, the stuck and the smelly. Bruce Humphery-Smith. 454:82-83.

- Fermentabag on trial in Californian vineyards. Andrew Hickinbotham. 454:80-81.
- Practical management of malolactic fermentation for Mediterranean red wines. Dominique Delteil. 449a:31, 33, 36.
- Recovery of fermentation aromas. Hans-Peter Bach. 454:73-78.
- Filtration & Clarification**
- Filtration and clarification for small wineries. Bruce Humphery-Smith. 447:47-48, 50.
- Filtration costs 'slashed by 30%' at BRL Hardy. Sean Wattam. 447:50, 52.
- New developments in crossflow filtration. Yannick Cadot. 451:101-103, 105.
- The never-ending story – filtration: the arguments refuse to go away. Gary Baldwin. 447:45-46.
- Flow Equipment**
- Pumps, hoses and all that jazz. Bruce Humphery-Smith. 444:79-80.
- Frost**
- Frost...OK in winter, but not in springtime. Bruce Humphery-Smith. 450:64.
- Two years of consecutive frost damage teaches some valuable lessons. Beverley Prideaux. 450:61-62.
- Grape Sampling**
- Rapid evaluation of the phenolic potential of red grapes at winery delivery: application to mechanical harvesting. Emilio Celotti, Giuseppe Carcereri De Prati and Sabrina Cantoni. 449a:151, 153, 155-156, 159.
- Sampling for quality parameters in the vineyard and at the weighbridge – current practice. Kerry DeGaris, K. Leamon and M. Krstic. 444:42-43.
- Grape Varieties**
- Lagrein – Shiraz on hormones! Sonya Logan. 448:16-17.
- The viticultural and oenological evaluation of Portan, Rabaner and Ralfiat de Moncade. Richard Cirami, Andrew Ewart and Jim Furkaliev. 444:44-47.
- The viticultural and oenological evaluation of Reichensteiner, Rolle and Rousanne. Richard Cirami, Andrew Ewart and Jim Furkaliev. 445:21-23.
- The viticultural and oenological evaluation of Ruby Cabernet, Sangiovese and Semebat. Richard Cirami, Andrew Ewart and Jim Furkaliev. 446:29-32.
- The viticultural and oenological evaluation of St. Macaire, Taminga and Trebbiano. Richard Cirami, Andrew Ewart and Jim Furkaliev. 447:21, 23-24.
- The viticultural and oenological evaluation of Trollinger, Verdelet and Villard Blanc. Richard Cirami, Andrew Ewart and Jim Furkaliev. 448:19-20, 22.
- The viticultural and oenological evaluation of Viognier, White Muscat and Xarello. Richard Cirami, Andrew Ewart and Jim Furkaliev. 449:27-29.
- Grapevine Fanleaf Virus (GFLV) (see Pest & Disease Management)**
- Grapevine Virus A (see Pest & Disease Management)**
- Index**
- Annual Index, 2000. 444:82-85.
- Industry Outlook**
- Prospects ahead for the wine industry. Kym Anderson. 448:67-74.
- Supplying the challenge – short to long-term supply expectations for the Australian wine industry. Lawrie Stanford. 445:44-48.
- Integrated Pest Management (IPM)**
- IPM: how inter-row cover crops can encourage insect populations in vineyards. Danielle Hibbert and Paul Horne. 452:76.
- IPM in practice: case studies. Danielle Hibbert and Paul Horne. 454:43-44, 46-47.
- IPM in winegrapes. Danielle Hibbert and Paul Horne. 450:25-26.
- IPM: the influence of pest and disease sprays on vineyard pests. Danielle Hibbert and Paul Horne. 451:26, 29.
- Vineyard monitoring: an IPM strategy. Danielle Hibbert and Paul Horne. 453:20-21.
- Irrigation**
- A case study from the Riverland demonstrating the benefits of agronomic support to maximise the use of continuous soil moisture monitoring. Ross Stewart. 454:64-65, 67-69.
- Determining the annual irrigation requirement for horticultural crops in South Australia. Officers of the Irrigated Crop Management Service. 455:27, 29.
- Difficult year ahead for WA vineyards. Bev Prideaux. 454:70-71.
- Fertigating organically. Jim Ross. 455:29-30.
- How's YOUR drip irrigation system? Norm Cross. 452:67, 69-70.
- McLaren Vale case study demonstrates benefits of continuous soil moisture monitoring. Gavin Wheatcroft. 451:36-39.
- Partial rootzone drying – how does it work? Brian Loveys, Manfred Stoll and Peter Dry. 449a:25-26, 28.
- Partial rootzone drying of winegrapes in a warm climate. Yasmin Chalmers and Mark Krstic. 449a:21-23.
- Spring irrigation management of winegrapes. Ben Brown and Trevor Sluggett. 454:59-61.
- The use of physiological indicators to assess vine water uptake and to manage vineyard irrigation. Cornelis van Leeuwen, Xavier Choné, Olivier Trégoat and Jean-Pierre Gaudillère. 449:18-19, 21-24.
- Legal**
- Australian wine industry spray risk. Mark Hamilton. 448:10.
- Coonawarra boundary court decision reserved. Mark Hamilton. 448:63.
- Noisy neighbours. Andrew White. 451:60-61.
- Retention of title clauses: sleep easier when selling finished wine goods, bulk wine or grapes. Mark Hamilton. 450:51-52.
- The land of the free...trade, that is. Bruce Drinkwater. 451:52-53.
- Wine distribution contracts. Mark Hamilton. 453:119-121.
- Wine product of planet Earth. Bruce Drinkwater. 446:35.
- Lightbrown Apple Moth (see Pest & Disease Management)**
- Mechanical Harvesting Equipment**
- Avoiding accidents with grape harvesters. (Special report). 454:53-54.
- Deliberations for the vineyard owner under the light of the harvest moon. Lindsay Corby. 444:51-52, 54, 56.
- Grape harvesters – an unbiased perspective. Gil McDonald. 444:58-59.
- Managing Young Vines**
- Avoiding problems in a young vineyard. Kym Ludvigsen. 453:81, 83-84.
- Management of young vines – an overview. Mark Whisson. 453:85, 87.
- Managing young vineyards. Adam Jacobs. 453:88-90.
- Responses to mulch continue – results from five years of field trials. John Buckerfield and Katie Webster. 453:71-74, 76-78.
- The key to managing young vines. Di Davidson. 453:79-80.
- Marketing**
- Marketing wine to Generation X: the way ahead. Roz Howard and Jenny Stonier. 455:69-71.
- New distribution opportunities for wine marketers. Paul Le Lacheur. 455:72-74.
- The French answer back. (Special report). 452:86.
- The internet: increasing efficiency AND effectiveness. Steve Goodman. 448:25-26, 28.
- The relative abilities of the 'Old' and 'New World' wine producers to meet the future marketing challenge. A.L. Spawton. 455:80-84.
- Why marketing doesn't work (or how to make sure yours does!) Steve Goodman. 455:75-78.
- Wine consumers don't understand us. Larry Lockshin. 448:77-78.
- Wine marketers urged to court Generation X. (Special report). 452:84-85.
- National Wine Centre**
- The face of the modern Australian wine industry. (Special Report). 455:44-45.
- Nematodes (see Pest & Disease Management)**
- Oak (see also Organic & Biodynamic Viticulture & Winemaking)**
- Oak in white winemaking – first results from a 2000 vintage trial. Greg Gallagher, Oliver Schmidt and Geoffrey Scollary. 447:42-43.
- The aptitude of wine lees for eliminating foul-smelling thiols. Valérie Lavigne-Cruège and Denis Dubourdieu. 450:37, 39-40, 43-44.
- The growth in the use of European oaks for cooperage. Geoff Schahinger. 450:35-36.
- Organic and Biodynamic Viticulture & Winemaking**
- Biodynamic wine and its progress in different countries. Michel Meunier. 444:77-78.
- Cover crops in organic viticulture systems. Bev Prideaux. 445:33-34.
- Oak options for organic winemaking. David Bruer. 451:106.
- Organic and biodynamic viticulture: making the best possible glass of wine. Rebecca Dunstone, Stephen Morris, Barry Morey and Lachlan Campbell. 445:24-26.
- Organic control of powdery mildew without sulphur. David Bruer and Peter Crisp. 452:22.
- Organic winemaking and sulphur dioxide. David Bruer. 455:66.
- Organic wine production. David Bruer. 444:18-19.
- Pruning, training and trellising in an organic vineyard. David Bruer. 448:31-32.
- Trials to control grapevine powdery in organic vineyards – research update. Peter Crisp, Eileen Scott and Trevor Wicks. 446:26-27.
- UK market cries out for more organic wine. Sonya Wiley. 444:19-20.
- Weed management with less herbicide. Chris Penfold. 449:63-64.
- Overseas**
- A look at cool-climate viticulture on Vancouver Island. Roderick Bonfiglioli and Ruby Andrew. 448:44-47.

**Pest & Disease Management****(see also Organic & Biodynamic Viticulture & Winemaking)**

- A destructive virus from Red Globe table grape. Nuredin Habili and Robert H. Symons. 447:16, 18-19.
- A hot potato for grapegrowers. Sonya Logan. 453:18.
- Dealing with *Botrytis cinerea* – the winemaker's nightmare. Dr. Richard Milling. 455:33-34.
- Effect of chlorine dioxide on some fungal pathogens of grapevines. 449a:13.
- Effects of altered UV light and climate change on the susceptibility of grapevines to fungal diseases. Dr. Christopher C. Steel. 449:13-15.
- Eutypa dieback: research on biological control and diagnostics. Sharmini John, Richard Lardner, Eileen Scott, Belinda Stummer and Trevor Wicks. 449a:73-75.
- Field resistance of grapevines to lesion nematodes. Greg Walker. 452:24-26.
- Fungi recorded on grapevines during the course of an industry survey on Botrytis monitoring and fungicide resistance. Vera Sergeeva, Tan Nair and Robert Spooner-Hart. 449a:7-11.
- Grapevine fanleaf virus: A potential threat to the viticultural industry. Nuredin Habili, Adib Rowhani and Robert H. Symons. 449a:141, 143, 145.
- Grape yield and juice compositions of grafted and ungrafted Semillon in root knot nematode (*Meloidogyne javanica*) infested vineyard. Loothfar Rahman, David Shearer and Tony Somers. 453:22-25.
- Higher sulphur rates improve powdery mildew control. T. Wicks and C. Hitch. 452:62-64.
- Integrating different chemical groups in spray programs for the control of powdery mildew. T. Wicks and C. Hitch. 452:27-29, 31 and 453:12.
- Lesion nematode pathogenicity and a new nematocidal and fungicide of potential use to Australian viticulture. Greg Walker. 452:58, 60.
- Level of phylloxera awareness amongst Victorian grapegrowers. Rebecca Dunstone. 447:25-26.
- Life cycle of grape phylloxera in Australian vineyards: management implications. Angela Corrie, Robyn van Heeswijck and Ary Hoffmann. 450:13-16.
- Lockout bird netting assisting investment and wine quality. Adam Jacobs. 452:32-33.
- Managing lightbrown apple moth without broad-spectrum insecticides. David Braybrook. 453:15-17.
- Nematodes and their use in controlling insect pests: An alternative non-toxic approach for the control of black beetle larvae (*Heteronychus arator*) and other scarabs. Robin Bedding and David Nickson. 449a:133-137, 139.
- Phomopsis type 1: a peculiar puzzle to solve. Belinda Rawnsley, Eileen Scott, Trevor Wicks and Belinda Stummer. 452:41-43.
- Potential use of a new nematocidal against root knot nematode. Greg Walker. 452:55-57.
- Powdery mildew still a problem. Trevor Wicks and Catherine Hitch. 447:20.
- Preventing restricted spring growth (RSG) in grapevines by successful rust mite control – spray application, timing and eliminating sprays harmful to rust mite predators are critical. Martina Bernard, Paul A. Horne and Ary A. Hoffmann. 452:16-17, 19-22 and 453:26.
- Seasonal variation in abundance of lesion nematodes in grapevines. Greg Walker and Barry Morey. 445:15-18.
- Studies of Australian Grapevine Yellow. LeAnn Beanland, Linda Pollock and Marlo Rankin. 449a:114-118.
- The increasing threat of Grapevine Virus A and its association with Restricted Spring Growth in Australia. Nuredin Habili and Len Schliefer. 455:22-24, 26.
- Two new diseases of grapes found in South Australia. Barbara Hall and Robyn McMahon. 447:13-15.
- Update on Australian Grapevine Yellow (AGY) in Australian vineyards. Nuredin Habili and Robert H. Symons. 452:45-47, 49.
- Using mustard cover crops and mustard seed meal in vineyards for the control of root knot nematode (*Meloidogyne javanica*). Loothfar Rahman, David Shearer and Tony Somers. 452:35-38.
- Virus and phytoplasma content of major grapevine varieties in Australia. Nuredin Habili and Robert H. Symons. 451:18-22.
- Visiting scientist sheds more light on Esca. Sonya Logan. 449:25-26.
- Yearly variation in Eutypa dieback symptoms and the relationship to grapevine yield. Mette Creaser and Trevor Wicks. 452:50-52.

**Phomopsis (see Pest & Disease Management)****Phylloxera (see Pest & Disease Management and Vine Health & Improvement)****Powdery Mildew (see Pest & Disease Management)****Pruning, Training & Trellising****(see also Organic & Biodynamic Viticulture & Winemaking)**

- De-suckering – one of the tedious jobs in the vineyard. Lindsay Corby. 448:33-34.
- Smart vine training: how not to waste money. Richard Smart. 448:42-43.
- Some key steps in preparation for pruning the vineyards. Dr. David Jordan. 448:36-39.
- Training along the wire with vineguards. Graham Due. 448:40-41.

**Refrigeration & Cooling**

- Barrel store humidification. Jeff Macmillan. 453:38.
- Cooling towers in winery refrigeration. Brian McLaughlin and Noel Ireland. 453:36-37.
- Future proofing barrel storage: What parameters should be examined? What conclusions may be drawn? John Gibbons. 453:40-42, 44.
- Independent temperature controllers for small producers. Bruce Humphery-Smith. 453:30, 32-33.
- Optimising the efficiency of winery refrigeration systems. Trevor Delves. 453:29.

**Rootstocks**

- Resistant rootstocks – non-resistant winemakers. Sandy Hathaway. 451:30-32.

**Restricted Spring Growth (see Pest and Disease Management)****Seminars, Symposiums and Conferences**

- Reports from the 26th World Congress of the OIV in Adelaide. (Special report). 455:53-57.

**Soil Management**

- Managing earthworms in vineyards – improve incorporation of lime and gypsum. John Buckerfield and Katie Webster. 449a:55-56, 58-61.
- Soil moisture sensor demonstration – Barossa Valley, Season 2000/01. Shannon Pudney, Tony Proffitt, Adam Brown and Dean Willoughby. 449a:76-79, 81-82, 84.

**Tablegrapes**

- Developments in tablegrape breeding. Steve Sykes, Peter Clingeffer, Xianming Wei and Rob Walker. 449a:119-122.

**Top-working (see Vine Health & Improvement)****Vine Health & Improvement**

- Australian advances in hot water treatment research. John Crocker, Graeme Fletcher, Helen Waite and Paul Wright. 447:97-99.
- Before top-working your red grapes to whites or vice versa, consider the serious problems with top-working existing vines. Len Schliefer. 451:15-17.
- French Pinot Noir clones – an Australian perspective. Simon Cowham and Anna Hurn. 447:93-95.
- Hot water treatment in commercial nursery practice – an overview. Helen Waite, John Crocker, Graeme Fletcher, Paul Wright and Andrew deLaine. 449a:39-40, 42-43.
- Phylloxera – preparing for the worst. Peter Hackworth. 447:96.

**Vine Improvement Group Reports**

- Accreditation – the coming of age. Jeremy Cass. 447:34-35.
- Grapevine cuttings sold in South Australia in 2000. Wayne Farquhar. 447:32-33.
- QVIA announces quality vine material. Peter Watters. 447:40.
- The national distribution of grapevine cuttings for 2000. Andrew deLaine. 447:29-31.
- VAMVIA experiences further decline in cutting sales. Gavin McClure. 447:36-37.
- WAVIA took some positive steps in 2000. Chris Harding. 447:38-39.

**Vine Nutrition**

- Identifying manageable factors determining carbohydrate accumulation in reserves and root growth of grapevines after harvest. Roger Mandel, Bruno Holzapfel, Kerry DeGaris and Markus Keller. 445:10-13.
- Managing soil nutrients with compost. Dr. Kevin Wilkinson and Johannes Biala. 454:15-16.
- Manures, mulches and composts: Do we know what we are putting on our vineyards? Ben Robinson. 455:20-21.
- Nitrogen management for improved quality and sustainability. David Braybrook, Ben Robinson, Michael Treeby, Gayle Grieger and Mary Retallack. 449a:95-96.
- Sap tests for phosphate, sodium, chloride and calcium in grapevine petioles. S. Nagarajah, G. Kyle, A. Nesbitt and S. Willoughby. 450:28, 30-32.
- Scion rootstock and nutrient interactions in grapevines. S. Nagarajah and Andrew Nesbitt. 454:19-20, 22.
- Soil analysis – a waste of money or a useful tool? Barry Goldspink. 454:23, 25, 27-30, 33-38, 40.

**Vineyard Spraying**

- Early season disease control. Kym Ludvigsen. 451:41-42.
- Modelling the application of fungicides to grape bunches. Tim Thwaites. 449a:62-63.
- New label directions for spraying – a review of experiences over the past year. Leon Radunz. 451:45-46.
- Strobilurins – new fungicides for grapes. T. Wicks, G. Tucker and C. Hitch. 449a:147, 149.

**Vineyard Tractors**

- Horsepower at what cost? Gil McDonald. 446:37.
- Making sure tyres on vineyard tractors with FWA are correctly ballasted. R.T. (Bob) Marshall. 446:38.

**Vintage Reports**

- A season of extremes in McLaren Vale. Adam Jacobs. 449:17.  
Get ready for reds – 2001 brings surge in high quality red production. Lawrie Stanford. 450:66-67.  
The highlights and lowlights of the 2001 vintage for South Australia. (Special report) 455:35.

**Viticulture**

- Adding science to intuition: application of remote sensing and ecosystem modelling to vineyard management. Ramakrishna Nemani, Lee Johnson and Michael White. 449a:45-47.  
Adopting environmentally-sustainable approaches to grapegrowing. Gioia Small. 455:15-17.  
Airborne remote sensing of vines for canopy variability and productivity. David Lamb, Andrew Hall and John Louis. 449a:89-92.  
Are grape prices a good indicator of quality within a region? Garth Swinburn. 446:21-22.  
A time for reckoning. Di Davidson. 451:24-25.  
Developing an environmental conscience. Di Davidson. 455:31.  
Green hectares. Wayne Stewart. 449:16-17.  
Managing a vineyard in an urban environment. Wayne Stewart. 448:13-15.  
On-farm trials – new technologies put to the test. David Shearer and Shayne Hackett. 444:37-39.  
Prediction of vine development across Australia. Ed Beling, Tony Sparks and Brian Tunstall. 450:18-19, 21-22, 24.  
Purchasing a vineyard – a checklist. Di Davidson. 452:73, 75.  
Site selection, development and monitoring. Dr. Brian Tunstall and Tony Sparks. 449a:125-128.  
Testing the outcomes of R&D in your vineyard – The Participatory On Farm Trials project. David Shearer and Vanessa Hood. 449a:85-87.  
The value of weather monitoring. Stuart Pettigrew. 448:23-24.  
What do Victorian grapegrowers think of Grapecheque? Rebecca Dunstone. 446:23-24.  
What is Cropwatch SA? Ashley Lipman and John Jeffs. 455:18.  
Where Victorian grapegrowers are getting their information. Rebecca Dunstone. 445:19-20.  
Work with the system, not against it – development approvals. Sam Burton. 454:48, 51.

**Weed Control****(see also Organic & Biodynamic Viticulture & Winemaking)**

- The nightmare that is weeds. Barry Percival. 449:67-68.

## Index to articles published in New Zealand Grapegrower & Winemaker in 2001

- A comprehensive research approach to combating Petri vine decline in New Zealand. Belinda Sleight. 448:51-52.  
Alternative closures – seven vintages of use. Phil Jones. 454:102-103.  
Aroma evaluation of grape juices of different maturities. Dr. Glen L. Creasy. 446:51-53.  
Biological control – the next generation of pest control agents? Tony Reglinski and Cath Kingston. 454:106-109.  
Bird netting – producing a net effect on grape composition? Dr. Glen L. Creasy and Dr. Mike C.T. Trought. 452:109-111.  
Certification in the grapevine nursery industry – what does it mean? Roderick Bonfiglioli. 444:32-33.  
Controlling pests and diseases – more to think about than just the chemical you use. Cath Kingston and David Manktelow. 452:112-115.  
'Designer grapes' are the path to competitive insurance for the NZ industry. Dr. Glen L. Creasy. 444:34-35.  
Disease management under IWP – what does this mean? Cath Kingston. 446:47-50.  
New Zealand wine – a guaranteed success? David Nicholas. 454:99-101.  
Pest management under IWP – what does this mean? Cath Kingston. 448:53-56.  
Soil quality and stressed vines: are we covering up the problems. Gerard Besamusca. 448:58-60, 62.  
The Lincoln University Centre for Viticulture and Oenology: an update. Dr. Glen L. Creasy. 454:109-110.  
The New Zealand wine industry enjoys an amazing decade with more growth in store. Sonya Wiley. 444:25-28.  
The price of a drink – what does it take to satisfy the thirst of a grapevine? (Special report). 450:90-92.  
Vintage 2001 – a synopsis. (Special report). 450:93-95.  
Waste management and sustainable grapegrowing. Cath Kingston. 444:29-31.  
Whole vine photosynthesis. P.R. Petrie, M.C.T. Trought and G.S. Howell. 450:87-89.

**Wine & Health**

- An update on the Dubbo Study. Dr. Philip Norrie. 449a:131.  
Can wine components protect against heart disease by making vitamin E a better antioxidant? R.A. O'Halloran and R. Stocker. 453:47-49.  
Evidence of the specific benefits of wine consumption on human health – an update on the cardiovascular and other physiological mechanisms. Creina Stockley. 446:72-77.  
Moderate red wine consumption improves small arterial elasticity. Will Greenrod and Mavis Abbey. 453:52, 55-56.  
Red wine polyphenols: are they absorbed and can they affect oxidative stress in humans? Associated Professor Kevin Croft. 453:50-51.

**Wine Exports**

- Australian wine exports to Germany steal new records for both volume and value. Martina Klingbeil. 446:55-58.  
Australian wine finds a home in Peru. (Special report). 446:64.  
Building export knowledge and expertise. Neville Yuill. 447:68-69.  
Chardonnay spearheads Frankland River winery's assault on export markets. Sonya Logan. 451:109-110.  
French and Italian exporters on notice as Australia dislodges Chile at Number 3. Jan Stuebing. 446:69.  
Industry celebrates landmark achievement in exports to Canada. (Special report). 454:85-86.  
International trade terms – moving from domestic sales to export sales. Geoff Upton. 444:61-62.  
International transportation: how can freight forwarders assist emerging or small wine exporters? Mark Moss. 449:49-52.  
Japan – quality rather than quantity in 2001. Yasushi Kimura. 446:58, 60-61.  
Managing export risk in the wine industry. Yvette Bauder. 445:40.  
Market Snapshot: Canada. A guide for smaller wineries. 446:70-71.  
Market Snapshot: Germany. A guide for smaller wineries. 447:70-71.  
Market Snapshot: New Caledonia. A guide for smaller wineries. 450:83-84.  
Market Snapshot: Spain. A guide for smaller wineries. 452:118-119.  
Market Snapshot: Sweden. A guide for smaller wineries. 448:83-84.  
Market Snapshot: United States of America. A guide for smaller wineries. 444:63-65.  
Olympic-sized gains in Canada! Greg Homonylo. 446:66, 68.  
Producers in Denmark, WA, due for some export success. Sonya Logan. 453:59-60.  
Some fervent export activity at Mornington's Willow Creek. Sonya Logan. 448:81-82.  
Targeting the marginal wine drinker. Sonya Logan. 452:117.  
UK retail sector undergoes 'dramatic change' as Australia fights off Old and new world rivals. Hazel Murphy. 446:62-63.  
Victorian winery named the state's leading emerging exporter. (Special report). 455:39.  
Vikings turn into 'wine kings' in Scandinavia. Jay Andersson. 447:67-68.

**Winemaking**

- Advanced technology for the continuous cold stabilisation of wine. Louis Delpiano. 449a:165-167.  
A new alcohol meter for wine analysis. G. Murer, R. Bene, K. Germann, M. Imre, P. Kotnik, G. Sauseng, M. Trinkel. 450:68, 71.  
Australian breakthrough delivers industry ability to measure and quantify aromas. Sonya Logan. 453:112-114.  
Bitartrate instability and the pH see-saw. Paul K. Bowyer. 452:100-101.  
Determination of tartaric and malic acids in ripening grapes across the cool climate region of Geelong. N.W. Barnett, D.J. McGillivray, J.L. Pappin and P.G. Chambers. 449a:15-18.  
Eiswein without the frosts. Geoffrey Skurray and Jennifer Lawson. 449a:49-52.  
French tests confirm yeast's quality. Keith Treadwell. 447:88, 90.  
Highly active processing enzyme preparations for red winemaking. Sylvain R. Laperche and Siegmund Görtges. 449a:99-104, 106, 108-111.  
Measuring alcohol content in the production area. Dr. Brian Stammers. 449a:161-162.  
Monitoring MLF by TLC – an update. Roger Harris. 444:16-17.  
Optimising the ageing of wines on lees. Patrice Pellerin and Lewis Tessarolo. 444:14-15.  
Trialling a new yeast. Michael McManus. 454:83.  
Wine treatment with copper citrate – a new, careful way to eliminate hydrogen sulphide odours and similar sulphide off-odours in wine. Siegmund Goertges. 452:102-105.  
Yeast nutrition – an enzymatic test for the measurement of yeast-utilisable nitrogen in grape must/juice. Siegmund Goertges. 449:46-48.

**Wine Regions**

- New and emerging viticultural districts in New South Wales. Gioia Small. 450:57-58.  
SA's Southern Fleurieu celebrates its geographical indication and looks to the future. Sonya Logan. 455:59-63, 65.

**Wine Shows**

- Revelations from the Australian Italian Wine Show and Sangiovese Awards. Rod Bonfiglioli and Stefano DePieri. 445:36-37.