



# AUSTRALIAN & NEW ZEALAND Grapegrower & Winemaker

© Contents copyright Ryan Publications Pty. Ltd.  
2005. All Rights Reserved.

Articles published in this issue of  
*Grapegrower & Winemaker* may also appear  
in full or as extracts on our website.

*Grapegrower & Winemaker* (ISSN 1446-8212) is published  
monthly, except June, when published twice.

Ryan Publications Pty. Ltd.,  
67 Anzac Highway  
Ashford

Postal Address:  
PO Box 54, Goodwood, South Australia 5034

Phone: (08) 8375 9888 Fax (08) 8351 5899

Email:  
*General* admin@grapeandwine.com.au  
*Editorial* editor@grapeandwine.com.au  
*Advertising* sales@grapeandwine.com.au  
*Subscriptions/Accounts* subs@grapeandwine.com.au  
Website: www.grapeandwine.com.au

Managing Editor: Anita Donaldson  
Journalist: John Hudswell  
Advertising Manager: Graham Robertson  
Circulation/Accounts Managers: Valmai South  
Mary Ann Bos  
Vicki Bozsoki  
Production: Simon Miles

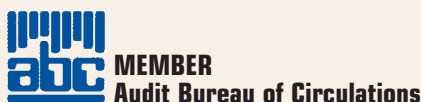
Editorial Review Panel:  
Dr Jim Hardie, Peter Hayes, Dr Ben Robinson, Professor  
Geoffrey Scollary, Professor Geoffrey Skurray, David Wollan

Publisher and Chief Executive: Hartley Higgins  
Suite 105, 486 Whitehorse Road, Surrey Hills,  
Victoria 3127, phone (03) 9888 4822

Subscription Price for 12 monthly issues plus  
the Annual Technical Issue:  
Australia \$77.00 (inc. GST); New Zealand,  
Asia & Pacific \$105; All other countries \$174

Printing by:  
Lane Print Group, Adelaide

Conditions:  
Opinions expressed herein are not necessarily those of  
the editor/publishers; information is published in good  
faith and we do not accept responsibility for damage  
which may arise from any possible inaccuracies. All  
rights reserved, none of the contents may be used in any  
other media without prior consent of the publishers.  
Published by Ryan Publications Pty Ltd.



# contents

issue **503**  
december 2005

## news

- 8 Hunter heads regional survey findings
- 9 Education is the key to wine industry future

## grapegrowing

- 19 Observations from a tour of overseas rootstock programs
- 20 Heathcote Vineyard goes on the market
- 21 Ben Rose: Real Viticulture

## organic grapegrowing

- 33 Organic viticulture – is it the future or a load of compost?

## bird control

- 38 Birds are the subject of a new book for Grapegrowers

## vineyard tractors

- 43 Preparing machinery for vintage

## trading water

- 47 Issues affecting the price of irrigation water

## wine marketing

- 50 Consumer household role structures and other influencing factors on wine buying and consumption
- 59 Yarra Valley shows oh-regionality!
- 61 Grape and winegrowing trends: a global perspective

## winemaking

- 67 Suggestions for dealing with post-bottling sulfides
- 79 Wine industry advice is “no” to GMO
- 80 Solving the mysteries of complex molecules

## contract winemaking

- 86 Simpatico specialises in fruit to bottle service
- 87 Master Winemakers aim for the best drop

## australian wine business

- 90 Good business sense to maintain flexibility
- 92 How to stave off financial stress in redundancy
- 94 Wanted: Aussie wine expertise for Argentina trade show

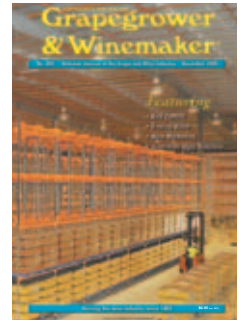
## export

- 96 Where to next?

## New Zealand

- 99 Creating a “sense of place” through precision viticulture
- 101 New Zealand prepares for summer festivals

**cover:** One segment of the massive Wolf Blass Packaging Centre in the Barossa Valley. The photo shows part of the semi-automated warehousing operation. Photo by The Leader, Angaston.



## regular features

- 7 on the grapevine
- 19 grapegrowing
- 65 winemaking
- 89 australian wine business
- 103 employment



Simone Truant (left) and Wayne Farquhar at the Langhorne Creek trials site... results could see major changes in growing.