

■ features

- 38 Training & Trellising
- 44 Irrigation
- 50 Pruning
- 64 Analytical Services
- 77 Design as Strategy



COVER

It's that time of year again. Nathan Gogoll captured this image during the spur pruning event at June's Barossa Pruning Expo.


■ news

- On the grapevine6
- Movers & shakers.....8
- The letter that shocked the wine industry 10
- My View: You are in for one hell of a ride..... 12
Brad Wehr, the man behind Amato Vino, has a warm welcome and some encouraging words for the new crop of wine industry Future Leaders.
- Meet the new Future Leaders..... 13
- Regional Roundup: NZ North Island 16
- Bray attains Hunter Valley legend status 18



20 People & Places: Game of Rhones20

■ regulars

- 6 What's online
- 23  WGGA: The United Grower
- 34 Young Gun
- 36 Ask the AWRI
- 80 Looking back
- 81 Producer in the spotlight
- 82 Marketplace classifieds

■ grapegrowing

Developments in destemming and sorting technology27

Part Two: Harvester-mounted destemmers and sorters
This article by Simon Nordestgaard, Australian Wine Research Institute senior engineer, presents an overview of the concurrent developments in harvester-mounted destemming and sorting systems.

A smartphone app could help growers optimise vine balance30

Assessing bud fruitfulness in frost-affected Barossa vineyards 31

In this article Amanda Mader, from Gumpara Vineyards, presents her findings based on her assessments following a significant frost event in October 2014.

Young Guns: The Duffy duo.....34



It's fair to say that if a husband and wife winemaking team can survive the long days of harvest together, they've probably got a pretty solid relationship. Tim and Bec Duffy could vouch for that.

■ grapegrowing

- Tasmanian fellowship support for sustainable winegrowing.....37
- Aussie growers love of 'bent wire' spells good news38
- Overcoming bushfire smoke taint..... 41
- The effect of climate change42

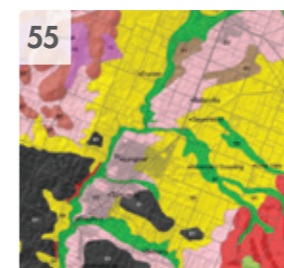
Everyday monitoring of stem water potential for decision making in irrigation of grapevines44

Timely irrigation is necessary to maintain desired water status of vines during the season. A simple model for every day calculation of Stem Water Potential with use of minimum field measurements has been proposed.

Pruning: Designed to meet the challenge..50

Big turnout at Barossa Pruning Expo..... 51

■ winemaking



55 Terroir and subregionality55

In this article James Hall explores the concept of terroir and the advantages of defining subregions as wine geographical indicators within at least some of Australia's major wine regions.

Ageing wine in an IBC62

It is possible to safely age wine in this type of container by periodic racking to introduce oxygen into the wine. It is possible to achieve a high quality product as well.

The last chance to get your wine right: Pre-bottling analysis64

There are a vast number of tests that could be performed, but there are, of course, time, effort and cost constraints to consider. In this article Greg Howell discusses what is regarded as the optimum testing for pre-bottling analysis.

■ business & technology

The key to exporting successfully to China69

Charmaine Wong looks at working out the Chinese wine market.

Genetic testing now available for French oak72

■ sales & marketing

WINE is coming73

This is a tale of five cities. This is Game of Rhones...

300 wineries across three warehouses.....75

Proud wine industry supplier..... 76

Roundtable: Design as strategy77

We've gathered the thoughts of designers and marketing advisors in this Q&A, and they have challenged wineries to examine whether they are communicating key messages clearly.

Australian & New Zealand Grapegrower & Winemaker

PUBLISHER AND CHIEF EXECUTIVE
Hartley Higgins

MANAGING EDITOR
Elizabeth Bouzoudis

EDITOR
Nathan Gogoll
editor@grapeandwine.com.au

EDITORIAL ADVISORY BOARD
Denis Gastin, Dr Steve Goodman,
Dr Terry Lee, Paul van der Lee, Bob Campbell MW,
Prof Dennis Taylor and Mary Retallack

EDITORIAL
Emilie Reynolds
journalist@winetitles.com.au

ADVERTISING SALES
Maria Stephenson
sales@grapeandwine.com.au

PRODUCTION
Simon Miles

CIRCULATION:
Melissa Smithen
subs@winetitles.com.au

WINETITLES PTY. LTD.
630 Regency Road, Broadview, South Australia 5083
Phone: (08) 8369 9500 Fax: (08) 8369 9501
info@winetitles.com.au www.winetitles.com.au
@Grape_and_Wine

Printing by
Lane Print Group, Adelaide

© Contents copyright Winetitles Media 2014.
All Rights Reserved.
Print Post Approved PP535806/0019
Articles published in this issue of *Grapegrower & Winemaker* may also appear in full or as extracts on our website.
Cover price \$8.25 (inc. GST)

SUBSCRIPTION PRICES

Australia:
1 year (12 issues) \$77.50 (inc. GST)
2 years (24 issues) \$145 (inc. GST)

New Zealand, Asia & Pacific:
1 year (12 issues) \$110 (AUD)
2 years (24 issues) \$210 (AUD)

All other countries:
1 year (12 issues) \$174.50 (AUD)
2 years (24 issues) \$339 (AUD)

Students (Aus only):
1 year (12 issues) \$66 (inc. GST)