

# Grapegrower 2Winemak

© Contents copyright Ryan Publications Pty. Ltd. 2006. 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.

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

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

Email:

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

Managing Editor: Anita Donaldson John Hudswell Journalist Advertising Manager: Graham Robertson

Circulation/Accounts Managers: Valmai South 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

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

#### news

- 6 Grape shortage claims condemned
- 12 387 standard wine bottles in this Great Southern record-breaker
- Victoria to create new industry focus

### grapegrowing

- Vineyard floor groundcover affects vine growth and beneficial soil micro-organisms
- Adelaide Hills small-lot winemaking trial compares Pinot Noir rootstocks versus own-roots
- 33 Fighting frost in the vineyard
- Ben Rose: Real Viticulture

## vineyard spraying

- Environmental fate and ecotoxicology of crop protection products
- Powdery mildew spray programs

### winemaking

- Developments in our understanding of how grapes make tartaric acid
- Winemaker Profile: Damien Adams, Divers Luck Winery

### bottling, labelling & packaging

- Sound corking practices vital for closure performance
- 76 Alcan is putting the screws on
- New Zealand bottling lines under the microscope

#### tanks, storage & equipment

- Tanks for the good work
- 350,000,000 litres of storage in three years

#### australian wine business

- Post-vintage bulk wine review
- Government rebate boosts small wineries 118
- Power kWatch saves big dollars

#### new Zealand

- Crushed glass and mussel trials under way
- New variety for New Zeakabd

COVET: At the end of the line... This photo by John Hudswell was taken at Alcan's special display at the opening of its \$20 million plant in South Australia.

#### regular features

- 5 on the grapevine
- 19 grapegrowing
- winemaking
- australian wine business



The Winery Engineering Association Conference and Exhibition in Adelaide proved highly successful. Turn to page 60 for more on the conference coverage.

