

# Contents

## features

- 52 Vineyard management
- 56 Irrigation
- 85 Filtration
- 91 Pumps and tanks
- 98 Bottling and labelling
- 105 IT and website design

## news

- 6 My view: Independence is the magic of the little man
- 7 Wine online. Is your brand and your customer's security on the line?
- 13 NZ first to trial national sustainability project
- 14 It's Carson's Jimmy with perfect Pinot Noir
- 15 Tough wine laws aim for plastic bottles
- 16 A year in the life of a legend
- 18 Regional Roundup: Northern SA
- 20 News briefs

## grapegrowing

- 28 Tank installation aids grape research at Mildura
- 30 How will the CFI affect the vineyard?

- 35 Greenhouse gas abatement in viticulture
- 40 Can petiole analysis improve wine quality
- 42 Researchers turn technology on phylloxera threat
- 45 It's all in the way you spray
- 48 Seven things you always wanted to know about fungicide resistance

## winemaking

- 58 Here's a hot idea: controlled release of Pinot Noir phenolics by microwave
- 64 Sally's Paddock survives the great wine rush
- 67 Potato, a new source of vegetal protein for allergen-free fining of juice and wine
- 73 Lots of Latin makes for maximum aroma revelation in white wines
- 78 Alchemists turning science into wine

## sales and marketing

- 98 Australian off-premise: what influences their wine buying decision?
- 102 Label design: Quirky, creative and uber cool

## business and technology

- 103 Viniquip puts some sparkle into Sirromet



14



22



42



## cover

Spectacular images from the new book *A year in the life of Grange*. The story and more photos are on Page 16. Photos courtesy of Milton Wordley

## regulars

- 5 on the grapevine
- 28 grapegrowing
- 58 winemaking
- 107 export snapshot
- 109 advertiser index
- 110 marketplace classifieds