REGULAR FEATURES

- 10 ASVO (Mardi Longbottom): Mildura seminar just round the corner while Adelaide seminar planning under way to identify this year's 'hot topic'
- **11** AGWA (Stuart Barclay): Market development update: Working together to build demand for Australian Wine
- 12 WFA (Tony Battaglene): Further cuts to the costs of shipping wine samples overseas on the cards
- 13 KEY FILES (TONY KEYS): Little and large what is the future of the cask and half bottles?

WINEMAKING

16 CATHY HOWARD: Whole bunch fermentation: a wild card inclusion in red winemaking



- 26 Micro-oxygentation and its impact on polyphenols and sensory characteristics of Pinot Noir
- 32 A new look at an old practice: how sulfur dioxide additions influence microbial diversity during fermentation
- 34 AWRI REPORT: Unravelling the capricious nature of Oenococcus oeni

WINE TASTING

75 Lesser-known Italian whites



- 38 A new robot for vineyard monitoring
- 43 RICHARD SMART: A sub-standard standard
- 51 Highlights from the 9th International Workshop on Grapevine Trunk Diseases



- 52 Grapevine Pinot Gris virus a tricky virus around the
- 56 TONY HOARE: Current trends and future predictions for Australian viticulture Part 2: The Golden Era – Potential opportunities and barriers to future success for Australian viticulture
- 59 SOIL HORIZON (GEOFF KEW): Potential rootzones where are your roots?
- 61 ALTERNATIVE VARIETIES: Teroldego

BUSINESS & MARKETING

- 64 The year in review for vineyard and winery real estate sales
- 66 Proficiency testing for peace of mind



- 68 Optimising the impact of wine education on Asian consumers: training with Western or Chinese terminology
- 70 Early results of the Free Trade Agreement with Japan
- 72 Wine avoiders in five countries: potential for adopting wine as an alcoholic beverage of choice