CONTENTS

FEBRUARY 2019

ISSUE 661

Cover



Climate change – What are the nation's grapegrowers experiencing and how are they responding? What does the latest research tell us, and how does it assist us with managing the challenges of climate change? Our coverage starts on page 18.

Features

- 18 How is climate change affecting Australian vineyards and how are growers responding?
- 50 Weighing up the gains and losses from fining and filtration
- 72 It's good practise to be green

Letter to the editor

14 What to do about Prosecco?

News

- 5 From the editor
- 8 Brown marmorated stink bugs detected in Victoria
- 8 Snap Send Solve helps protect local Mornington wine industry
- 10 Latest figures show continuing strong international demand for fine Australian wine
- 10 Positive news for Australian winemakers amid Brexit turmoil
- 11 17th AWITC what's on the menu?
- **12** Fruit fly outbreak in Loxton: will it impact the transportation of grapes in vintage?
- 12 Tasmania secures \$500,000 boost for international wine tourism
- 13 Riverland wine centre project builds momentum
- 14 Record for McLaren Vale as annual bottled wine exports top \$100m
- 15 Sirromet celebrates 20th vintage
- 15 RASF wine scholarships announced
- 16 International briefs





Regulars

- 6 What's online
- 6 In this issue
- 7 Winetitles Insights
- 46 Wine Australia: R&D at work
- 63 Young Gun: Rob Cragg
- 68 Ask the AWRI
- 77 Looking back
- 77 Calendar
- 78 Marketplace classifieds

Grapegrowing

- 22 Vines and grapes put to the test with elevated temperature and CO2 exposure
- 26 Climate drivers El Nino-Southern Oscillation and Indian Ocean Dipole and what they mean for winegrape maturity
- 28 What is the best time to remove leaves to minimise sunburn?
- 31 Yield AI taking guesswork out of growing
- 35 How does Shiraz feel the heat?
- 36 What the hell is blockchain?
- **40** Ways to monitor arthropod activity on native insectary plants

Winemaking

- 54 Vegan Rosé lessons from Provence
- 59 Bleasdale Generations Shiraz

Business & Technology

- 70 Frost fans in demand after Derby Day disaster
- 71 TWE expands warehouse and distribution operations in SA

Sales & Marketing

75 The wine tasting 'experience'



