

Wine grapes information kit

Reprint – information current in 1997



REPRINT INFORMATION – PLEASE READ!

For updated information please call 13 25 23 or visit the website www.deedi.qld.gov.au

This publication has been reprinted as a digital book without any changes to the content published in 1997. We advise readers to take particular note of the areas most likely to be out-of-date and so requiring further research:

- Chemical recommendations—check with an agronomist or Infopest www.infopest.qld.gov.au
- Financial information—costs and returns listed in this publication are out of date. Please contact an adviser or industry body to assist with identifying more current figures.
- Varieties—new varieties are likely to be available and some older varieties may no longer be recommended. Check with an agronomist, call the Business Information Centre on 13 25 23, visit our website www.deedi.qld.gov.au or contact the industry body.
- Contacts—many of the contact details may have changed and there could be several new contacts available. The industry organisation may be able to assist you to find the information or services you require.
- Organisation names—most government agencies referred to in this publication have had name changes. Contact the Business Information Centre on 13 25 23 or the industry organisation to find out the current name and contact details for these agencies.
- Additional information—many other sources of information are now available for each crop. Contact an agronomist, Business Information Centre on 13 25 23 or the industry organisation for other suggested reading.

Even with these limitations we believe this information kit provides important and valuable information for intending and existing growers.

This publication was last revised in 1997. The information is not current and the accuracy of the information cannot be guaranteed by the State of Queensland.

This information has been made available to assist users to identify issues involved in wine grape production. This information is not to be used or relied upon by users for any purpose which may expose the user or any other person to loss or damage. Users should conduct their own inquiries and rely on their own independent professional advice.

While every care has been taken in preparing this publication, the State of Queensland accepts no responsibility for decisions or actions taken as a result of any data, information, statement or advice, expressed or implied, contained in this publication.



Queensland Government



Contacts & **REFERENCES**

Want more information? This section helps to direct you to the other important providers and sources of wine grape information. The Contacts directory contains the names and contact details of people and organisations serving the wine grape industry. The References section contains a list of information that is useful reading for anyone involved in the industry.

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Grower associations, educational institutions, overseas organisations, grapevine nurseries, vine improvement organisations (cuttings only), Queensland wineries, consultants, equipment suppliers, and technical information services



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Books, articles, brochures, journals, magazines and newsletters



Contacts

Names are provided solely for assisting readers to make contact. Inclusion of a person or organisation does not constitute an endorsement by the Department of Primary Industries or the authors, nor does it endorse a particular person or organisation over others not mentioned.

This section is up to date at the time of printing. If you supply special services to the wine grape industry you may provide your details for consideration. Please forward your details to Agrilink, Department of Primary Industries, PO Box 5269 SCMC, Nambour QLD 4560. Phone (07) 5444 9690 Fax (07) 5444 9694 Int Code +61 7.

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Grower associations

Queensland associations

Burnett Valley Winegrowers' Association Inc.
PO Box 400

KINGAROY QLD 4610

Ph: (07) 4162 2647

North Burnett Winegrape Growers Association

PO Box 361

GIN GIN QLD 4671

Ph/Fax: (07) 4156 3516

Queensland Fruit and Vegetable Growers
PO Box 19
BRISBANE MARKET QLD 4106
Ph: (07) 3213 2444; Fax: (07) 3213 2438

Queensland Wine Information Centre
PO Box 1014
SPRING HILL QLD 4004
Ph: (07) 3216 1494; Fax: (07) 3216 0935

Queensland Winemakers' Association
PO BOX 26
BALLANDEAN QLD 4382
Ph/Fax: (07) 4684 1187

Wine Industry Council of Queensland
PO Box 449
STANTHORPE QLD 4380
Ph: (07) 4684 3186; Fax: (07) 4684 3433

National and other associations

Australian Council of Viticulture Inc.
PO Box 154
GLEN OSMOND SA 5064
Ph: (08) 8303 9405; Fax: (08) 8303 9449

Australian Society of Viticulture and Oenology Inc.
C/- The Australian Wine Research Institute
PO Box 197
GLEN OSMOND SA 5064
Ph: (08) 8303 6600; Fax: (08) 8303 6601

Australian Winemakers' Forum
Wine Industry House
555 The Parade
MAGILL SA 5072
Ph: (08) 8364 1122 Fax: (08) 8364 4489

Grape and Wine Research and Development Corporation
Wine Industry House
555 The Parade
MAGILL SA 5072
Ph: (08) 8364 2688; Fax: (08) 8364 3315

New England Wine Growers Association
'Koorooba'
TENTERFIELD NSW 2372
Ph: (02) 6736 3113; Fax (02) 6736 1983

Wine Information Bureau
Wine Industry House
555 The Parade
MAGILL SA 5072
Ph: (08) 8331 0042; Fax: (08) 8331 0722

Winegrape Growers' Council of Australia Inc.
Wine Industry House
555 The Parade
MAGILL SA 5072
Ph: (08) 8364 3990; Fax: (08) 8364 0907

Educational institutions

Australian Centre for Wine Business Management
PO Box 149
Rundle Mall
ADELAIDE SA 5000
Ph: (08) 8302 2202; Fax: (08) 8302 2442

Australian Wine Research Institute
PO Box 197
GLEN OSMOND SA 5064
Ph: (08) 8303 6600; Fax: (08) 8303 6601

Charles Sturt University
Charles Sturt Winery
PO Box 588
WAGGA WAGGA NSW 2678
Ph: (02) 6933 2435; Fax: (02) 6933 2107

Cooperative Research Centre for Viticulture
Plant Research Centre
Hartley Grove
URRBRAE SA 5064
Ph: (08) 8303 9405; Fax (08) 8303 9449

University of Adelaide
Department of Horticulture, Viticulture and Oenology
Waite Campus
PMB 1
GLEN OSMOND SA 5064
Ph: (08) 8303 7248 Fax: (08) 8303 7116

University of Sydney
Orange Agricultural College
PO Box 883
ORANGE NSW 2800
Ph: (02) 6360 5555 Fax: (02) 6360 5590

Market information and development—domestic and overseas

Austrade
Level 13, 145 Eagle Street
BRISBANE QLD 4000
Ph: (07) 3364 7771; Fax: (07) 3832 1529

Australian Bureau of Agricultural and Resource Economics
GPO Box 1563
CANBERRA ACT 2601
Ph: (02) 6272 2000 Fax: (02) 6272 2001

Australian Wine and Brandy Corporation
Wine Industry House
555 The Parade
MAGILL SA 5072
Ph: 1800 635 264 or (08) 8364 2828; Fax: (08) 8364 5151

Australian Wine Bureau
Australia House
Strand
LONDON WC2B 4LA UK
Ph: (171) 887 5259; Fax: (171) 240 9429

Australian Wine Export Council
Wine Industry House
555 The Parade
MAGILL SA 5072
Ph: (08) 364 1388; Fax: (08) 364 2290

Australian Wine Importers Association
1450 Chapin Avenue
BURLINGAME CA 94010 USA
Ph: (415) 348 4822; Fax: (415) 348 4821

Grapevine nurseries

Queensland

Sue and Tony Brierley
PO Box 358
CHILDERS QLD 4660
Ph: (07) 4126 2342

Mario Constanzo
New England Highway
BALLANDEAN QLD 4382
Ph: (07) 4684 1272

Michael Day
Sundown Road
BALLANDEAN QLD 4382
Ph: (07) 4684 1232

Joanne Jacobsen
Widgee View Nursery
Reids Road
WIDGEE (via GYMPIE) QLD 4570
Ph: (07) 5484 0197; Fax: (07) 5484 0217

Len and Margaret Thirwell
Queensland Vine Nurseries
Connors Road (PO Box 94)
HELIDON QLD 4344
Ph: (07) 4697 6379

Brian Wilson and Michael Egan
Ballandean Grafted Vines and Rootstock Nursery
Amiens Road
MS 50
STANTHORPE QLD 4352
Ph: (07) 4683 3223

New South Wales

Adro Grafted Vines
PO Box 539
GRIFFITH NSW 2680
Ph:/Fax: (02) 6944 4288

Bruce Chalmers
Chalmers Nurseries Pty Ltd
PO Box 84
EUSTON VIC 2737
Ph: (03) 5026 1932; Fax: (03) 5026 3228

Charles Sturt Winery
Boorooma Street
WAGGA WAGGA NSW 2650
Ph: (02) 6933 2435; Fax: (02) 6933 2107

Leo De Paoli
Handwood Grafted Vines
PO Box 55
HANWOOD NSW 2680
Ph: (02) 6963 0247; Fax: (02) 6963 0465

Annette Fraser or Peter Smith
Sunraysia Nurseries
PO Box 45
Stuart Highway
GOL GOL VIC 2738
Ph: (03) 5024 8502; Fax: (03) 5024 8551

Omega Grafted Vines
c/- PO Box 95
YOOGALI NSW 2680
Ph: (02) 6962 3120; (02) A/H 6962 4904; Fax: (02) 6962 6814

Ian Weare
Weare's Nursery
PO Box 736
GRIFFITH NSW 2680
Ph: (02) 6962 4087; Fax: (02) 6962 5979

Victoria

Jan Ciechomski
Fussy Britches Nursery
PO Box 2014
MILDURA VIC 3502
Ph: (03) 5023 4370; Fax: (03) 5023 5393

Bill Dick
San Mateo Nursery
PO Box 2205
MILDURA VIC 3502
Ph: (03) 5023 6055

V.I. and G.M. Dolenc
Block 260
SUNNYCLIFFS VIC 3496
Ph: (03) 5024 1744

J. Fitzgerald
Fitzgerald's Nursery
PO Box 3088
MILDURA VIC 3502
Ph: (03) 5021 3261; Fax: (03) 5021 3574

K. Jackson
Jackson's Vine Nursery Pty Ltd
PO Box 20
CARDROSS VIC 3496
Ph: (03) 5024 2485

B. Lancaster
c/- Post Office
NANGILOC VIC 3494
Ph: (03) 5029 1487

G. Nice
Murray Lea Nurseries
c/- Post Office
STEWART VIC 3496
Ph: (03) 5024 2216

Alan Saunders
Boulevard Nurseries Mildura
PO Box 816
IRYMPLE VIC 3498
Ph: (03) 5024 6312; Fax: (03) 5024 6692

G. Schreiber
PO Box 401
IRYMPLE VIC 3498
Ph: (03) 5024 6362

Trevor Schreiber
T.J. and H.E. Schreiber and Co Pty Ltd
PO Box 498
IRYMPLE VIC 3498
Ph: A/H (03) 5024 5986

South Australia

Brian Staker
Kemps Murray Valley Nurseries
25 Tonkin Avenue
BARMERA SA 5345
Fax: (08) 8588 2325

Michael Szewczuk
Riverland Nurseries
PO Box 1408
BERRI SA 5343
Ph: (08) 8583 7366; Fax: (08) 8583 7345

Temple Bruer Nurseries
RSD 226
STRATHALBYN SA 5255
Ph: (08) 8537 0203; Fax: (08) 8537 0131

Vine improvement organisations (cuttings only)

Australian Vine Improvement Association
PO Box 460
IRYMPLE VIC 3498
Ph: (03) 5051 4578; Fax: (03) 5051 4523

Jeremy Cass
MIA Vine Improvement Society Inc.
PO Box 167
YENDA NSW 2861
Ph: (02) 6963 0555; 018 583 113

Andrew deLaine
Australian Vine Improvement Association
PO Box 460
IRYMPLE VIC 3498
Ph: (03) 5051 4562 Fax: (03) 5051 4607

Peter Murphy
Victorian and Murray Valley Vine Improvement Association
PO Box 460
IRYMPLE VIC 3498
Ph: (03) 5051 4500; Fax: (03) 5051 4523

Riverland Vine Improvement Committee
Anderson Street
BARMERA SA 5345
Ph: (08) 8588 2418; Fax: (08) 8588 2977

Queensland wineries

The winery address and phone number is given first, then a postal address if different.

Bald Mountain Vineyards
Cnr Old Wallangarra Road and Hickling Lane
PO Box 25
VIA WALLANGARRA QLD 4383
Ph: (076) 84 3186; Fax: (076) 84 3433

Ballandean Estate Winery
Sundown Road
PO Box 5
BALLANDEAN QLD 4382
Ph: (07) 4684 1226; Fax: (07) 4684 1288

Bassetts Romavilla Winery
Northern Road
PO Box 38
ROMA QLD 4455
Ph/Fax: (07) 4622 1822

Bungawarra
Bents Road
BALLANDEAN QLD 4382
Ph: (07) 4684 1128

Castle Glen Vineyard
Amiens Road
THE SUMMITT QLD 4377
Ph/Fax: (07) 4683 2169

Felsberg Vineyards Winery
Townsend's Road
GLEN APLIN QLD 4381
12 Lahore Street
THE GAP QLD 4061
Ph/Fax: (07) 4683 4332

Fosters Winery
Kalunga via Herberton
PO Box 137
HERBERTON QLD 4872
Ph: (07) 4096 2359; Fax: (07) 4096 2463

Golden Grove
Sundown Road
PO Box 91
BALLANDEAN QLD 4382
Ph: (07) 4684 1291; Fax: (07) 4684 1247

Heritage Wines of Stanthorpe
New England Highway
PO Box 66
COTTONVALE QLD 4375
Ph: (07) 4685 2197; Fax: (07) 4685 2112

Inigo Wines
Lot 2 New England Highway
GLEN APLIN QLD 4381
PO Box 513
STANTHORPE QLD 4380
Ph: (07) 4683 4382; Fax: (07) 4683 4208

Ironbark Ridge Vineyard
Middle Road
PURGA QLD 4306
MS 825
IPSWICH QLD 4306
Ph: (07) 3281 4440; Fax: (07) 3812 1273

Kominos Wines
New England Highway
SEVERNLEA QLD 4352
PO Box 225
STANTHORPE QLD 4380
Ph: (07) 4683 4311; Fax: (07) 4683 4291

Mout Tamborine Vineyard and Winery
32 Hartley Road
MOUNT TAMBORINE QLD 4272
Ph/Fax: (07) 5545 3506

Mountview Wines
Mt Stirling Road
GLEN APLIN QLD 4381
Ph: (07) 4683 4316

Old Caves Winery
New England Highway
PO Box 368
STANTHORPE QLD 4380
Ph: (07) 4681 1494; Fax: (07) 4681 2722

Preston Peak Wines
Old Wallangarra Road
Wyberba
WALLANGARRA QLD 4383
301 Margaret Street

TOOWOOMBA QLD 4350

Ph: (07) 4638 4511; Fax: (07) 4638 1195

Ricca Wines

Ricca Road

BALLANDEAN QLD 4382

Ph: (07) 4684 1235

Rimfire Vineyards and Winery

'Rimfire'

C/- Post Office

MACLAGAN QLD 4352

Ph: (07) 4692 1129; Fax: (07) 4692 1260

Riversands Winery

Whytes Road

PO Box 89

ST GEORGE QLD 4487

Ph: (07) 4625 3643; Fax: (07) 4625 5043

Robinsons Family Vineyard

Curtins Road

BALLANDEAN QLD 4382

12 Mabel Street

TOOWOOMBA QLD 4350

Ph: (07) 4684 1216; Fax: (07) 4639 2718

Rumbalara Vineyards

Fletcher Road

FLETCHER QLD 4381

PO Box 137

GLEN APLIN QLD 4381

Ph: (07) 4684 1206; Fax: (07) 4683 4335

Severn Brae Estate

Lot 2, Back Creek Road

SEVERNLEA QLD 4352

PO Box 8228

WOOLLOONGABBA QLD 4102

Ph: (07) 4683 5292

Stone Ridge Vineyards

Limberlost Road

GLEN APLIN QLD 4381

PO Box 412

STANTHORPE QLD 4380

Ph: (07) 4683 4211

Tropical Wines

78 Mount Perry Road

BUNDABERG QLD 4670

Ph: (07) 4151 5993

Villacoola Vineyard and Winery
SURAT QLD 4417
 Ph: (07) 4626 5103

Violet Cane Vineyard
 13 Wallace Court
GLEN APLIN QLD 4381
 PO Box 712
STANTHORPE QLD 4380
 Ph: (07) 4683 4251

Winewood
 Sundown Road
 PO Box 84
BALLANDEAN QLD 4382
 Ph/Fax: (07) 4684 1187

Consultants

A number of consultants with experience in specific aspects of grape growing and wine production are listed. Other consultants may be available in your district. Before engaging a consultant, it is advisable to discuss your needs with the consultant to ensure the required service can be provided.

Property management, soil survey, vineyard planning

LPM Livestock and Property Management
 50 Lock Street
STANTHORPE QLD 4380
 Ph/Fax: (07) 4681 3668

K.G., C.V. and V.W. Wetherby
 PO Box 59
CLEVE SA 5460
 Ph: (08) 8628 5038; Fax: (08) 8628 5031

Viticulture

Davidson Viticultural Consulting Services Pty Ltd
 Office 3
 315 Glen Osmond Road
GLENUNGA SA 5064
 Ph: (08) 8338 2540; Fax: (08) 8338 2624

Scholefield Robinson Horticultural Services
 14c Birdwood Street
NETHERBY SA 5062
 Ph: (08) 8373 2488; Fax: (08) 8373 2442

Smart Viticultural Services
37 Bellevue Drive
PORT MACQUARIE NSW 2444
Ph: (02) 6584 0064; Fax: (02) 6584 0121

Ross Turkington
22 Treeland Road
GREEN POINT NSW 2251
Ph: (02) 4365 2688; Fax: (02) 4365 2688

Turner Viticultural Services
MS 361
MURGON QLD 4605
Ph/Fax: (07) 4163 5151; 015 002 128

Winery design

Gary Baldwin
Oenotec Consulting Services Pty Ltd
PO Box 1201
NORTH FITZROY VIC 3068
Ph: (03) 9481 8255; Fax: (03) 9481 8100

Winery Engineering and Construction Management
6 Jenkins Avenue
MYRTLE BANK SA 5064
Ph: (08) 8379 6240; Fax: (08) 8379 5905

Winemaking

Graham Dixon
New Millenium Wine Technology
PO Box 11
TANUNDA SA 5352
Ph: 018 848 508; Fax: (08) 8562 3034

Pam Dunsford Wine Consulting Pty Ltd
13 Mansfield Street
GOODWOOD SA 5304
Ph: (08) 8272 5128; Fax: (08) 8272 2231

Bruce Humphrey Smith
PO Box 8228
WOOLLOONGABBA QLD 4102
Ph: (07) 3391 3821

Simon Gilbert Wine Services
The Oak Factory
PO Box 701, Hunter Street
MUSWELLBROOK NSW 2333
Ph: (02) 6541 2399; Fax: (02) 6541 2401

Oenotec Consulting Services Pty Ltd
PO Box 1201
NORTH FITZROY VIC 3068
Ph: (03) 9481 8255; Fax: (03) 9481 8100
Now part of Wine Network Australia

Chris Whitfort
Whitcol Horticultural Services
MS 312
STANTHORPE QLD 4380
Ph: (07) 4683 6229; Fax: (07) 4683 6386

Adam Chapman
Vinelink Wine Consultants
PO Box 712
STANTHORPE QLD 4380
Ph: 018 987 276; A/H (07) 4683 4251

Analytical services (wine)

Australian Wine Research Institute
PO Box 197
GLEN OSMOND SA 5064
Ph: (08) 8303 6600; Fax (08) 8303 6601

Suppliers

Trellis posts

CSR Perma-log
13 Henzell Road
CABOOLTURE QLD 4510
Ph: 13 23 21; Fax: (07) 5495 8181

Koppers Timber Preservation Pty Ltd
PO Box 162
PIALBA QLD 4655
Ph: (07) 4128 7227; Fax: (07) 4128 7211

Logform Industries Pty Ltd
Woolmar Road
KILCOY QLD 4515
Ph: (07) 5497 1655; Fax: (07) 5479 1304

Sunshine Pine
Pinewood Avenue
GYMPIE QLD 4570
Ph: (07) 5482 4855; Fax: (07) 5482 1860

Trellising materials

BHP Wire Products
Blackwall Point Road
CHISWICK NSW 2046
Ph: 13 10 80 Fax: (02) 9713 8057

J.W. Cranston and Co. Ltd
815 Port Road
WOODVILLE SA 5011
Ph: Freecall 008 888 232; (08) 8243 0922; Fax: (08) 8243 2922

DM Plastics
PO Box 4
ENFIELD SA 5085
Ph: (08) 8349 7654; Fax: (08) 8349 5431

John Kellett Sales Pty Ltd
PO Box 65
BRIGHTON SA 5048
Ph: (08) 8362 2337; Fax: (08) 8352 2349

Kriesl and Co Pty Ltd
27 Princes Highway
WARRAGUL VIC 3850
Ph: (03) 5623 1201 Fax: (03) 5623 4483

Prudent Trellising Systems
PO Box 4
ENFIELD SA 5085
Ph: (08) 8349 7654 Fax: (08) 8349 5431

Vocol Engineering
Acacia Avenue
PORT MACQUARIE NSW 2444
Ph: (02) 6581 0968; Fax: (02) 6581 1277

Waratah
PO Box 31
ACACIA RIDGE QLD 4110
Ph: 008 777 817; Fax: (07) 5344 1100

Zeal Anchors
Rileys Road
COBARGO via Bega NSW 2550
Ph/Fax: (02) 6493 4043

Vine tubes

Allgards
700 Cherry Garden Road
Via BLACKWOOD SA 5157
Ph: (08) 8388 2354 or (08) 8388 2332

Gro-guard
 4/135 Mooringe Avenue
CAMDEN PARK SA 5038
 Ph: (08) 8376 1545; Fax: (08) 8376 0999

Ken's Vine Tubes
 PO Box 258
VIRGINIA SA 5120
 Ph: 018 800 875; Fax and A/H: (08) 8380 9501

Snapmax
 Global Green Pty Ltd
 PO Box 83
PRAHAN VIC 3181
 Ph: (03) 9826 3999; Fax: (03) 9826 2533

Irrigation

Amiad Irrigation
 Unit 3/21 Jijaws Street
SUMNER PARK QLD 4074
 Ph: (07) 3279 470;0 Fax: (07) 3279 4030

James Hardie Irrigation Pty Ltd
 PO Box 1115
TOOMBUL QLD 4012
 Ph: (07) 3268 1385; Fax: (07) 3268 6877

Vinidex Tubemakers Pty Ltd
 PO Box 379
SUNNYBANK QLD 4109
 Ph: (07) 3277 2822; Fax: 07 3277 3696

Vineyard sprayers

Croplands Equipment Pty Ltd
 PO Box 6355
TOOWOOMBA QLD 4350
 Ph: (07) 4634 4788; Fax: (07) 4633 1924

Enviromist Industries Pty Ltd
 Sturt Highway
BERRI SA 5343
 Ph: (08) 8582 4077; Fax: (08) 8582 3857

Hardi Spraying Equipment
 PO Box 126
RICHLANDS QLD 4077
 Ph: (07) 3394 2600; Fax: (07) 3279 1292

Micromaster CDA Sprayers
 PO Box 238
YANDINA QLD 4561
 Ph/Fax: (07) 5446 7955

Silvan Pumps and Sprayers (Aust.) Pty Ltd
34 Devlan Street
Mansfield QLD 4122
Ph: (07) 3343 6122; Fax: (07) 3343 1071

Vineyard slashers

Chris Grow Engineering Pty Ltd
1170 Greenhill Road
URAILDA SA 5142
Ph: (08) 8390 1759; Fax: (08) 8390 1502

Howard Australia Pty Ltd
Unit 2/167 Prospect Highway
SEVEN HILLS NSW 2147
Ph: (02) 9674 2966; Fax: (02) 9674 6263

Pruning machines

Pellenc Australia
39-41 King Street
NORWOOD SA 5067
Ph: (08) 8362 9961; Fax: 08 8362 9937

U R Machinery (Sales) Pty Ltd
9 Bryne Court
MILDURA VIC 3500
Ph: (03) 5023 0056; Fax: (03) 5022 2153

Harvesters

Gregoire Grape Harvesters
500 North East Road
WINDSOR GARDENS SA 5087
Ph: (08) 8261 8811; Fax: (08) 8266 1437

Nairn Industries Ltd
48 Holmes Crescent
GRIFFITH NSW 2680
Ph: 0417 171 230; Fax: (02) 6964 3609

U R Machinery (Sales) Pty Ltd
9 Bryne Court
MILDURA VIC 3500
Ph: (03) 5023 0056; Fax: (03) 5022 2153

Business planning advice

Department of Tourism, Small Business and Industry
Business Advisor—Wine Industry
PO Box 3036
TOOWOOMBA QLD 4350
Ph: (07) 4639 3600 Fax: (07) 4638 2139

Department of Economic Development and Trade
Investment Office
100 George Street
BRISBANE QLD 4000
Ph: (07) 3224 4224; Fax: (07) 3229 7348

Queensland Government Services

DPI Call Centre. To help you access DPI's information services and products, ring the DPI Call Centre 13 25 23 from 8 a.m. to 8 p.m. Monday to Friday, excluding public holidays, for the cost of a local phone call.

DPI wine grape extension service, Granite Belt

Granite Belt Horticultural Research Station
New England Highway
APPLETHORPE QLD 4378
PO Box 501
STANTHORPE QLD 4380
Ph: (07) 4681 1255; Fax: (07) 4681 1769

Forestry extension officers

Forestry extension officers are available for expert assistance with tree use on vineyards. This includes windbreak design and species selection, and clearing. The local DPI office can put you in touch with your nearest forestry officers.

Land conservation extension officers

Land conservation extension officers are available to provide expert assistance in planning farm layouts and providing advice on land management. The local Department of Natural Resources office can put you in touch with your nearest land conservation officers.

Water resources extension officers

Water resources advisory officers are available for expert assistance on all aspects of water use on farms. This includes dam construction and maintenance, stream licensing, bore development, irrigation selection and design, and water quality. The local Department of Natural Resources office can put you in touch with your nearest land conservation officers.

Library and literature search services

DPI Central Library in Brisbane provides several special information services that may be of interest to growers. These include:

- Access to the library's extensive book and journal collection.

- On-line public access catalogue (OPAC) terminals that provide access to the DPI library catalogue and to material held in the State Library of Queensland.
- Literature searches (fee charged) from CD-ROM databases for a comprehensive range of subjects.

General enquiries can be directed to:

Ph: (07) 3239 3126; Fax: (07) 3239 3128

Or to the following library staff:

Robin Galagher Ph: (07) 3239 3124

Pat Abbott Ph: (07) 3239 3131

Other information sources

DPI Note *Wine grape references* has a comprehensive list of books, journals and proceedings for reading about wine grapes. To get DPI Notes ring the DPI Call Centre 13 25 23.

AgriInfonet is a DPI marketing information access service aimed at assisting small to medium agricultural enterprises in searching for new business opportunities in export markets. Information on the range of services, including further information and background information on wine grapes, can be obtained from:

AgriInfonet Project Manager

GPO Box 46

BRISBANE QLD 4001

Ph: (07) 3239 3312; Fax: (07) 3239 6292

Farmfax is a new DPI information service designed to allow quick access to new and frequently changing information on a range of topics. It provides information 24 hours a day, seven days a week for the cost of a phone call. Information can either be faxed back within minutes or mailed out the next day. You can ring the Farmfax number to receive an index, from which you can select the items you require.

Farmfax Ph: (07) 3222 2966.

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The following headings cover the main topics for which contacts may be needed. Check the listings in the Yellow Pages under the appropriate heading. If looking for other providers of products and services, the following Yellow Pages headings may be useful.

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Irrigation

Manufacturers of harvesting or grading machinery

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Carriers
Engineers, general
Engineers, manufacturing
Farm equipment and supplies

Pesticides and spraying

Fertiliser or insecticide spreading
Protective clothing
Spray equipment or supplies

Postharvest handling and packaging

Cool room builders/designers
Cool stores
Refrigerated transport trucks and equipment



References

This is not an exhaustive list of references for wine grapes. It consists of references which the authors recommend as important sources of information and reading for the wine grape grower. If you require more detailed information on a subject use the literature search facilities available from most libraries.

This section is up to date at the time of printing. If you supply special services to the wine grape industry you may provide your details for consideration. Please forward your details to Agrilink, Department of Primary Industries, PO Box 5269 SCMC, Nambour QLD 4560. Phone (07) 5444 9690 Fax (07) 5444 9694 Int Code +61 7.

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Books

The profitability of investment in grape production on the Granite Belt in southern Queensland, Sevil, J. and Smith, K., (1997), ISSN 0727 6281, Department of Primary Industries, Queensland, Project report QO97018.

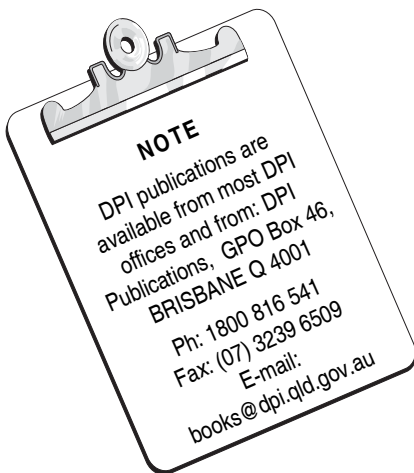
Other books

A guide to growing winegrapes in Australia, Davidson, D., (1992) ISBN 0 646 11454 9, Davidson Consulting Services Pty Ltd.

Agrochemicals Registered for use in Australian Viticulture, Sas, A.N. and Daniel, C.G. (1996) ISBN 0 9586839 0 5. Australian Wine Research Institute.

Compendium of grapevine diseases, Pearson, R.C. and Goheen, A.C., (1988) ISBN 0 89054 088 8, American Photopathological Society, 3340 Pilot Knob Road, St Paul, Minnesota 55121 USA.

Diseases and pests—Grapevine Production Series No.1, Nicholas, P, Magarey, P.A. and Wachtel, M. (eds), (1994) ISBN 1 875130 15 2, Winetitles.





General viticulture, Winkler, A.J. (1962) ISBN 0 520 02591 1, University of California Press.

Grape expectations, Williams, J., (1993) ISBN 0 7306 2994 5

Grapevine management guide, Somers, T. (ed.), (1996) ISSN 1036 7551 New South Wales Department of Agriculture.

Practical aspects of grapevine trellising, Mollah, M. (1997), ISBN 1 875 130 24 1, Winetitles.

Rootstocks for grapevines, Pongracz, D.P. (1983) ISBN 0 908396 67 8, Angus and Robertson.

Sunlight into wine—a handbook for winegrape canopy management, Smart, R.E. and Robinson, M.D., (1991) ISBN 1 875130 10 1, Winetitles.

Using grapevine rootstocks: the Australian perspective, May, P. (1994) ISBN 1 875130 17 9, Winetitles.

Vines, grapes and wines, Robinson, J. (1986) ISBN 0 86438 021 6, Mitchell Beasley Publishers.

Viticulture and the environment, Gladstones, J.S., (1992), ISBN 1 875 130 128, Winetitles.

Viticulture Vol. 1: Resources, Coombe, B.G. and Dry, P.R., (1988) ISBN 1 875130 02 2, Winetitles.

Viticulture Vol. 2: Practices, Coombe, B.G. and Dry, P.R., (1988) ISBN 1 875130 02 2, Winetitles.

Water it right—irrigation using tensiometers, Daniels, J., Banks, A. and Jamieson, G., (1994) ISBN 0 7242 5398 X, Department of Primary Industries, Queensland.

Wine grape varieties of Australia, Kerridge, G. and Antcliff, A. (1996) ISBN 0 643 05761 7, CSIRO Publishing.

Annual publications

The Australian and New Zealand wine industry directory, ISSN 1033 7954, Winetitles.

The national winegrape outlook conference summary paper, McGrath-Kerr, S. (1995) PO Box 2135, Griffith NSW 2680.

Articles

Establishing a vineyard in Australia, Browne, B., The Australian Grapegrower and Winemaker, October 1994, Ryan Publications.

Journals and magazines

Grapegrowers. Stock Journal Publishers. Quarterly. Newspaper format. Articles on industry news and activities.

The Australian and New Zealand Wine Industry Journal, Winetitles. Quarterly. Includes detailed coverage of varieties and regions; technical articles and industry news.

The Australian and New Zealand Wine Industry Directory, Winetitles. Annual directory of consultants, suppliers, organisations and wineries throughout Australia and New Zealand.

The Australian Grapegrower and Winemaker, Ryan Publications. Monthly. Magazine format. Technical information, industry news and activities.

Proceedings of seminars of the Australian Society of Viticulture and Oenology Inc.:

- Vineyard development and redevelopment, Hayes, P. (ed), (1993) ISBN 0 958703 6 6.
- Canopy management, Hayes, P. (ed), (1995) ISBN 0 9587803 2.
- Emerging and traditional mediterranean red varieties, Hamilton, R. and Hayes, P. (eds), (1995) ISBN 0 9586839 1 3.
- Optimising vineyard establishment—development practices, Hamilton, R. (ed), (1995) ISBN 0 646 24809 X.
- Quality management in viticulture, Hamilton, R. and Hayes, P. (eds), (1995) ISBN 0 9586839 1 3.

These proceedings are available from:

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