

Papaw information kit

Reprint – information current in 2000



REPRINT INFORMATION – PLEASE READ!

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

This publication has been reprinted as a digital book without any changes to the content published in 2000. We advise readers to take particular note of the areas most likely to be out-of-date and so requiring further research: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- Financial information—costs and returns listed in this publication are out of date.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.dpi.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 2000. 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 the production of mangoes. 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 direct you to the other important providers and sources of papaw information. The Contacts directory contains the names and contact details of people and organisations serving the papaw 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, special product suppliers, consultants 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.

The Department of Primary Industries gives no warranty as to the quality or suitability of goods or services provided by companies and businesses listed in this kit. Trade names are used in this kit solely for providing specific information. Mention of a trade name does not constitute a guarantee or warranty by the Department of Primary Industries or the authors, nor is it an endorsement of these products over others not mentioned.

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This section is up-to-date at the time of printing. If you supply special services to the papaw 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
 Ph: (07) 5444 9690
 Fax: (07) 5444 9694
 Int Code +61 7
 E-mail: agrilink@dpi.qld.gov.au

Papaw grower associations

Queensland papaw growers are represented by the Papaw (Papaya) Subcommittee of the Other Fruits Sectional Group Committee of the Queensland Fruit & Vegetable Growers. The subcommittee develops policy in research and development and promotion. Contact:

Executive Officer

Papaw (Papaya) Subcommittee

Queensland Fruit & Vegetable Growers

PO Box 19

BRISBANE MARKETS QLD 4106

Ph: (07) 3213 2444; Fax: (07) 3213 2480

The Growers' Access Line numbers are:

Ph: 1800 654 222; Fax: 1800 650 196

E-mail: qfvg@qfvg.org.au

Web: www.qfvg.org.au

Regional groups cater for papaw growers in Queensland. These groups provide a range of services to their members. The groups with their current contacts are:

Sunshine Coast Sub Tropical Fruits Association

PO Box 733

NAMBOUR QLD 4560

Ph/Fax: Secretary (07) 5446 7676

Gympie Fruit Growers' Association

c/- Secretary

Hoopers Road

CURRA QLD 4570

Ph: (07) 5483 1307 Fax (07) 5483 1324

Yarwun-Targinie Fruit Growers' Association

PO Box 37

YARWUN QLD 4694

Ph: (07) 4973 6526

Mareeba District Fruit & Vegetable Growers' Association

PO Box 989

MAREEBA QLD 4880

Ph: (07) 4092 6099; Fax: (07) 4092 6099

Innisfail Papaw & Other Fruits Growers' Association

PO Box 916

INNISFAIL QLD 4860

Ph: (07) 4064 2606



Organic and biodynamic grower associations

Note: These organisations do not have the resources to provide a general advisory service about organic fruit production. Their main function is to provide information about certification standards and

processes. Special services are also provided to members after joining. Kits containing information on membership and certification standards and processes are available for purchase.

Biological Farmers of Australia Co-op Ltd

PO Box 3404
TOOWOOMBA VILLAGE FAIR QLD 4350
Ph: (07) 4639 3299; Fax: (07) 4639 3755
E-mail: bfa@icr.com.au

National Association for Sustainable Agriculture Australia Ltd (NASAA)

PO Box 768
STIRLING SA 5152
Ph: (08) 8370 8455; Fax: (08) 8370 8381
E-mail: enquiries@nasaa.com.au

Bio-Dynamic Agricultural Association of Australia/Biodynamic Research

c/- Post Office
POWELLTOWN VIC 3797
Ph: (03) 5966 7333; Fax: (03) 5966 4333

Organic Retailers & Growers Association of Australia

c/- The Secretary
PO Box 12852
A'Beckett Street Post Office
MELBOURNE VIC 3000
Ph: (03) 9737 9799; Fax: (03) 9737 9499
E-mail: organic@alphalink.com.au

Suppliers of papaw seed

Gary Grant

c/- Community Mail
AMBROSE QLD 4696
Ph: (07) 4975 1317; Fax: (07) 4975 1397

Westfresh Pty Ltd

4 Bella Vista Avenue
INNISFAIL QLD 4860
Ph: (07) 4061 2105

John Posma

Box 550
MAREEBA QLD 4880
Ph/Fax: (07) 4092 3151

Robyn Wiltshire

KURRIMINE QLD 4852
Ph: (07) 4065 6146

Nurseries for papaw seedlings



Birdwood Nursery

71–83 Blackall Range Road

WOOMBYE QLD 4559

Ph: (07) 5442 1611; Fax: (07) 5442 1053; Mobile: 0428 715 994

E-mail: birdwood@pegasus.com.au

Rossmount Nursery

15 Tin Can Bay Road

GOOMBOORIAN QLD 4570

Ph: (07) 5483 3734; Fax: (07) 5483 3524; Mobile: 0419 720 117

E-mail: rossmt@tpg.com.au

Web: www.cooloola.org.au/ross

Whispering Pines Nursery

51 Blackgate Road

AMAMOOR QLD 4570

Ph: (07) 5484 3536; Mobile: 0407 153 883

Slocombe's Nursery

PO Box 352

GORDONVALE QLD 4865

Ph/Fax: (07) 4056 2391

K & R Fruits

Keith & Rhonda Morris

20 Briggs Street

TULLY QLD 4854

Ph: (07) 4068 1469; Fax: (07) 4068 0469

Anza Nursery

PO Box 1484

MAREEBA QLD 4880

Ph: (07) 40922857; Fax: (07) 4092 5148

Endeavour Foundation

PO Box 551

AYR QLD 4807

Ph: (07) 4783 2833; Fax: (07) 4783 3572

Violets & Lace Nursery

PO Box 103

INNISFAIL QLD 4860

Ph: (07) 4061 2687; Fax: (07) 4061 6433

Pest management consultants

Henry Drew

12 Tytherleigh Rd

PALMWOODS QLD 4555

Ph: (07) 5445 0032; Fax: (07) 5445 0940

E-mail: hjdrew@ozemail.com.au

Beneficial Bug Company

PO Box 436
RICHMOND NSW 2753
Ph: (02) 4570 1331; Fax: (02) 4578 3979; Mobile: 0414 789 125
E-mail: a.ryland@uws.edu.au

Integrated Pest Management

also trading as **Bugs for Bugs**
28 Bowen Street
MUNDUBBERA QLD 4626
Ph: (07) 4165 4663; Fax: (07) 4165 4626
E-mail: dan@bugsforbugs.com.au
Web: www.bugsforbugs.com.au

Horticultural Crop Monitoring

Paul Jones
PO Box 3725 CBC
CALOUNDRA QLD 4551
Ph/Fax: (07) 5491 4662; Mobile: 0412 714 905
E-mail: pjones@hotmail.net.au
Malcolm Durham
Ph/Fax: (07) 5443 7073; Mobile: 0416 114 905
E-mail: zeki@bigpond.com

Jeff Watson

PO Box 384
MAREEBA QLD 4880
Ph/Fax: (07) 4092 4059

Scientific Advisory Services Pty Ltd

Richard Piper
PO Box 1056
TULLY QLD 4854
Mobile: 0417 644 660; Fax: (07) 4065 4991
A/H Ph: (07) 4065 4975
E-mail: sas@znet.net.au
Web: www.saspl.com.au

Piccone Horticultural Consultancy Pty Ltd/Piccone PHC

201 Bruce Highway
EDMONTON QLD 4869
Ph: (07) 4045 3277; Fax: (07) 4045 3613; Mobile: 0417 616 476
E-mail: piccone@internorth.com.au

Davis Farm Consultancy Service

W.B. (Bill) Davis
PO Box 1025
INNISFAIL QLD 4860
Ph: (07) 4063 3879; Fax: (07) 4063 3634; Mobile: 0407 691 760

General consultancy services

Horticultural Crop Monitoring

Paul Jones

PO Box 3725 CBC

CALOUNDRA QLD 4551

Ph/Fax: (07) 5491 4662; Mobile: 0412 714 905

E-mail: pjones@hotmail.net.au

Malcolm Durham

Ph/Fax: (07) 5443 7073; Mobile: 0416 114 905

E-mail: zeki@bigpond.com

Davis Farm Consultancy Service

W.B. (Bill) Davis

PO Box 1025

INNISFAIL QLD 4860

Ph (07) 4063 3879; Fax: (07) 4063 3634; Mobile: 0407 691 760

Sap testing—consultants or laboratories

Agritec Pty Ltd

1 Ridge Road

WOODSIDE SA 5244

Ph/Fax: (08) 8389 7379

Laboratory Supply Australia Pty Ltd

44 Proprietary Street

TINGALPA QLD 4173

Ph: 1800 011 015; Fax: (07) 3390 6911

Selby Biolab

Private Bag 24

MULGRAVE NORTH VIC 3170

Ph: 13 29 91; Fax: 1800 067 639

IAMA

124 Howard Street

NAMBOUR QLD 4560

Ph: (07) 5441 6088; Fax (07) 5441 6020; Mobile: 0418 878 896

Or Bent St

GYMPIE QLD 4570

Ph: (07) 5483 0200; Fax: (07) 5482 7404; Mobile: 0419 300 206

Kane Rural

Steggall Road

YANDINA QLD 4561

Ph: (07) 5446 7728

Soil and plant testing laboratories

Agritech Laboratory Services

PO Box 549
214 McDougall Street
TOOWOOMBA QLD 4350
Ph: (07) 4633 0599; Fax: (07) 4633 0711

Hortech Services Pty Ltd

PO Box 370
KALLANGUR QLD 4503
Mobile: 0418 878 484; Ph/Fax: (07) 3886 0389
E-mail: hortech@ats.com.au
Web: www.ats.com.au/~hortech

Crop Tech Laboratories Pty Ltd

MS 305
Langbeckers Road
BUNDABERG QLD 4670
Ph: (07) 4155 6344; Fax: (07) 4155 6656
E-mail: croptech@bigpond.com.au

Incitec Ltd

PO Box 140
MORNINGSIDE QLD 4170
Ph: (07) 3867 9300; Fax: (07) 3867 9310

Pivot Agriculture

124 Howard Street
NAMBOUR QLD 4560
Ph: (07) 5441 6088; Fax (07) 5441 6020; Mobile: 0418 878 896

Pivotest Laboratory

cnr South Road and Wilson Avenue
WERRIBEE VIC 3030
Tollfree: 1800 803 453; Ph: (03) 9974 0099; Fax (03) 9974 0699
Web: www.pivot.com.au

Suppliers—general and field

Limephos Enterprises Pty Ltd

7 Equestrian Drive
TOLGA QLD 4882
Ph: (07) 4095 4196; Fax: (07) 4095 4585

Mirriwinni Pulverised Lime

Bucklands Road
MIRRIWINNI QLD 4871
Ph: (07) 4067 6133

North Queensland Spreading Services

BABINDA QLD 4861

Ph: (07) 4067 1469

INNISFAIL QLD 4860

Ph: (07) 4061 7011

TULLY QLD 4854

Ph: (07) 4068 3150

Field and packing shed equipment suppliers

Daradgee Welding Works

Jubilee Road

DARADGEE QLD 4860

Ph: (07) 4063 3781; Mobile: 0419 687 989

IBS Engineering Supplies Pty Ltd

21 Cassowary Street

PO Box 200

INNISFAIL QLD 4860

Ph: (07) 4061 3188; Fax: (07) 4061 1214

Northern Scales Service

453 Draper Street

CAIRNS QLD 4870

Ph: (07) 4051 6448

Tully Welding Works

Bruce Highway

TULLY QLD 4854

Ph: (07) 4068 1344

Pesticides and spraying

To investigate pesticide and spray application issues, contact officers of the Animal and Plant Health Services in the following organisations:

Cairns

DPI Chemical Services Officers

PO Box 652

21–23 Redden Street

PORTSMITH QLD 4870

Ph: (07) 4035 4606; Fax: (07) 4035 5474

Townsville

DPI Chemical Services Officers

Abbott Street, Oonoonba

PO Box 1085

TOWNSVILLE QLD 4810

Ph: (07) 4722 2688; Fax: (07) 4778 2970

For information about the registration of chemicals and to apply for off label permits, contact:

National Registration Authority

First Floor, 10 National Court
PO Box E 240
KINGSTON ACT 2604
Ph: (02) 6272 5852; Fax: (02) 6272 5788
E-mail: nra.contact@nra.gov.au
Web: www.affa.gov.au/nra

AVCARE Ltd

National Association for Crop Protection & Animal Health
Locked Bag 916
CANBERRA ACT 2601
Ph: (02) 6230 6399; Fax: (02) 6230 6355
E-mail: avcare@ozemail.com.au

Centre for Pesticide Application & Safety

University of Queensland, Gatton College
GATTON QLD 4343
Ph: (07) 5460 1281; Fax: (07) 5460 1283

ChemCert Training Queensland

PO Box 17
GRANGE QLD 4051
Ph: (07) 3352 5033; Fax: (07) 3352 5042
E-mail: chemcert@powerup.com.au

National office

Ph: (02) 6933 2177
E-mail: sking@csu.edu.au

Other technical information

Australian Horticultural Corporation

Level 11, 51 Druitt Street
SYDNEY NSW 2000
Ph: (02) 9264 9966; Fax: (02) 8267 4199
E-mail: ahc@hort.corp.au

Horticultural Research and Development Corporation

Level 6
7 Merriwa Street
GORDON NSW 2072
Ph: (02) 9418 2200; Fax: (02) 9418 1352
E-mail: hrdc@hrdc.gov.au
Web: www.horticulture.com.au



Papaw processors

Sunshine Tropical Fruit Products Pty Ltd

MSF 84
320 Image Flat Road
NAMBOUR QLD 4560
Contact: Bill Hughes
Ph: (07) 5441 1920; Fax: (07) 5441 1152

Tweed Valley Processors Pty Ltd

Lundberg Drive
PO Box 150
MURWILLUMBAH NSW 2484
Contact: Richard & Kerry Moran
Ph: (02) 6672 3166; Fax: (02) 6672 4299

Golden Circle Ltd

Earnshaw Road
NORTHGATE QLD 4013
PO Box 106
VIRGINIA QLD 4014
Ph: (07) 3266 0000; Fax: (07) 3260 5994

Irrigation consultants

Agrilink International

Suite 7A
69 Burbridge Road
HILTON SA 5033
Ph: (08) 8443 5766; Fax: (08) 8443 5967
E-mail: robbo@agrilink-int.com
Web: www.agrilink-int.com

Kane Pumping & Irrigation

13 Ernest Street
INNISFAIL QLD 4860
Ph: (07) 4061 2633; Fax: (07) 4061 4511; Mobile: 0407 612 633 or
0403 065 932
E-mail: kanepumping@internetnorth.com

Low's Pumping & Irrigation

Shop 3, 180 Edith Street
INNISFAIL QLD 4860
Ph/Fax: (07) 4061 7505/4061/7506; Mobile: 0407 617 505
E-mail: lowpumping@4kz.com.au

The Water Shed

9 Goondi Mill Road
INNISFAIL QLD 4860
Ph: (07) 4061 6177; Fax: (07) 4061 4208
TULLY
Ph: (07) 4068 2191

Hortech Services Pty Ltd

Peter Broomhall

PO Box 370

KALLANGUR QLD 4503

Ph/Fax: (07) 3886 0389; Mobile: 0418 878 484

E-mail: hortech@ats.com.au

Web: www.ats.com.au/~hortech

Irri-Scan North

Peter Broomhall

Ph/Fax: (07) 3886 0389; Mobile: 0418 878 484

E-mail: hortech@ats.com.au

David Harper

Mobile: 0418 771 925

E-mail: irriscannorth@internetnorth.com.au

Nutrition consulting services

Biological Crop Protection

3961 Moggill Road

MOGGILL QLD 4070

Ph: (07) 3202 7419; Fax: (07) 3202 8033; Mobile: 0412 083 489

E-mail: biolcrop@powerup.com.au

Crop Tech Laboratories

MS 305

Langbeckers Road

BUNDABERG QLD 4670

Ph: (07) 4155 6344; Fax: (07) 4155 6656

E-mail: croptech@b130aone.net.au

Hortech Services Pty Ltd

Peter Broomhall

PO Box 370

KALLANGUR QLD 4503

Ph/Fax: (07) 3886 0389; Mobile: 0418 878 484

E-mail: hortech@ats.com.au

Web: www.ats.com.au/~hortech

Davis Farm Consultancy Service

W.B. (Bill) Davis

PO Box 1025

INNISFAIL QLD 4860

Ph: (07) 4063 3879; Fax (07) 4063 3634; Mobile: 0407 691 760

Beneficial insect suppliers

Integrated Pest Management

also trading as **Bugs for Bugs**

Bowen Street

MUNDUBBERA QLD 4626

Ph: (07) 4165 4663; Fax: (07) 4165 4626

E-mail: dan@bugsforbugs.com.au

Web: www.bugsforbugs.com.au

Supplies *Aphytis*, red and blue chilocorus

Beneficial Bugs Company

PO Box 436

RICHMOND NSW 2753

Ph: (02) 4570 1331; Fax: (02) 4578 3979; Mobile: 0414 789 125

E-mail: a.ryland@uws.edu.au

Ecomite

125 Stringybark Road

BUDERIM QLD 4556

A/H Ph: (07) 5445 3262

Biological Services

PO Box 501

LOXTON SA 5333

Ph: (08) 8584 6977; Fax: (08) 8584 5057

Email: fruitdrs@sa.ozland.net.au

Supplies *Aphytis*, *Encarsia*

Packaging suppliers

Cardboard

Joe's Cartons

PO Box 273

INNISFAIL QLD 4860

Ph: (07) 4061 1511; Fax: (07) 4061 6035

Visyboard

Bruce Highway

PO Box 741

TULLY QLD 4854

Ph: (07) 4068 1788; Fax: (07) 4068 1504

Bruce Highway

GOONDI QLD 4860

Ph: (07) 4063 3871

Fitzalan Street

BOWEN QLD 4865

Ph: (07) 4786 3133

Amcor Fibre Packaging Australia

47 Tingira Street
PORTSMITH QLD 4870
Ph: (07) 4035 1183; Mobile: 0418 333 344

ROCKHAMPTON QLD 4700
Ph: (07) 4936 1125; Fax: (07) 4936 1935

806 Ingham Road
BOHLE QLD 4818
Ph: (07) 4774 9444

Signet

PO Box 1
WAKERLEY QLD 4154
Ph: 13 34 45; Fax: 1300 304 305
E-mail: sales@signet.net.au
Web: www.signet.net.au

Polystyrene**Norfoam**

PO Box 93
INNISFAIL QLD 4860
Ph: (07) 4061 3350

Martin's Refrigerated Transport Carriers

Kevin Martin
PO Box 676
GYMPIE QLD 4570
Ph: (07) 5482 6689

D & T Styro Products

18 Reef Street
GYMPIE QLD 4570
Ph: (07) 5483 6155

Market information

Ausmarket Consultants

The **Ausmarket Consultants** group offers historic and current fruit and vegetable market price information, market intelligence, outturn reporting and product assessment. Participants in the network operate separate businesses within Australia's major markets. The Ausmarket Consultants name covers activities where two or more of the group members combine resources to provide services that extend beyond their individual areas of operation.

Contact details are given here and on their web site:
www.users.bigpond.com/ausmarket

Individual members of the network are:

Adelaide

Adelaide Market Services

Bill Bishop
PO Box 6014 Halifax Street
ADELAIDE SA 5000
Ph: (08) 8232 5555; Fax: (08) 8232 1311; Mobile: 0419 868 265

Brisbane

Market Information Services

Trevor Brewer
D Block Brisbane Market
PO Box 229
BRISBANE MARKETS QLD 4106
Ph: (07) 3379 4576; Fax: (07) 3379 4103; Mobile: 0417 712 427
Infocall: 1902 262 580 (\$2.50 per minute, covers Adelaide, Brisbane, Sydney and Melbourne)
E-mail: Ausmarket@bigpond.com

Melbourne

DataFresh Melbourne Market Reporting Service

John Popilieff
Box 170 Melbourne Markets
FOOTSCRAY VIC 3011
Ph: (03) 9689 3444; Fax: (03) 9689 3411; Mobile: 0411 117 578
E-mail: info@datafresh.com.au

Sydney

Control Quality Services Pty Ltd

Chris Cope
PO Box 350
FRENCHS FOREST NSW 2086
Ph: (02) 9746 3437; Fax: (02) 9746 1075; Mobile: 0416 108 639
E-mail: cqs@accsoft.com.au

Other market price information sources

Perth

Perth Market Reporting Service

Perth Market Authority
Mail Point 1
280 Bannister Road
CANNING VALE WA 6155
Ph: (08) 9455 2900; Fax: (08) 9455 2902
Market reports: 1900 983 304 (recording); 75 cents per minute
E-mail: market@tpgi.com.au

Sydney**Flemington Market Reporting Services**

Northern B Block Warehouse

PO Box 1

FLEMINGTON MARKETS NSW 2129

Ph: (02) 9764 3516; Fax: (02) 9763 1773

Market reports: 1900 123 038 (recording); 75 cents per minute

Dial-a-fax: 1900 123 039 (\$2 per fax)

Payment problem contacts

If you have a disagreement over payment for produce or want a list of registered farm produce commercial sellers, the following contacts should be helpful.

Adelaide**South Australian Chamber of Fruit & Vegetables**

c/- Adelaide Produce Markets Ltd

Ph: (08) 8349 4528; Fax: (08) 8349 5922

Brisbane**Farm Produce Commercial Sellers**

Deputy Registrar

Ph: (07) 3239 3233; Fax: (07) 3239 3379

E-mail: janetzn@dpi.qld.gov.au

Melbourne**Farmpay**

Freecall: 1800 060 321; Info Fax: 1800 678 062

Perth**Chamber of Fruit & Vegetable Industries**

Robert Naudi

Ph: (08) 9455 2742; Fax: (08) 9455 4923

Wholesaler information

Contact the appropriate number below for information about farm produce commercial wholesalers in the markets.

Adelaide**Adelaide Produce Markets Ltd**

Diagonal Road

POORAKA SA 5095

Ph: (08) 8349 4493; Fax: (08) 8349 6574

Brisbane**Market Line**

Freecall: 1800 631 002

Web: www.brisbanemarket.com.au

Melbourne**Victorian Chamber of Fresh Produce Wholesalers Inc.**

Mail Box 113

542 Footscray Road

FOOTSCRAY VIC 3011

Ph: (03) 9689 3233; Fax: (03) 9689 9223

Perth**Perth Market Authority**

Mail Point 1

280 Bannister Road

CANNING VALE WA 6155

Ph: (08) 9455 2900; Fax: (08) 9455 2902

Sydney**Sydney Markets Ltd**

PO Box 2

SYDNEY MARKETS NSW 2129

Ph: (02) 9325 6200; Fax: (02) 9325 6288

E-mail: sydma@sydneymarkets.com.au

Web: www.sydneymarkets.com.au

Market agents

Several agents at the markets in each state handle papaws. You can obtain a list of registered agents at each market from the relevant market trade association.

Adelaide Produce Market Ltd

Diagonal Road

POORAKA SA 5095

Ph: (08) 8349 4493; Fax: (08) 8349 6574

Brisbane Market Authority

PO Box 8

BRISBANE MARKET QLD 4106

Ph: (07) 3379 1062; Fax: (07) 3379 4903

Melbourne Markets

Market Box 1

542 Footscray Road

FOOTSCRAY VIC 3011

Ph: (03) 9258 6100; Fax: (03) 9687 7714

Sydney Market Authority

PO Box 2
FLEMINGTON MARKETS NSW 2129
Ph: (02) 9325 6200; Fax: (02) 9325 6288

Lockett Marketing Australia Pty Ltd

PO Box 644
ARCHERFIELD QLD 4108
Ph: (07) 3274 3355; Fax: (07) 3275 2100

Export associations

Australian Horticultural Exporters Association

Institute of Horticultural Development
Private Bag 15
SOUTH EASTERN MAIL CENTRE VIC 3176
Ph: (03) 9210 9380; Fax: (03) 9210 9381; Mobile: 0419 999 889
E-mail: ahaea@ahaea.com.au
Web: www.ahaea.com.au

Queensland Horticultural Exporters Association

PO Box 857
HAMILTON CENTRAL QLD 4007
Ph: (07) 3868 1888; Fax: (07) 3868 4722

AQIS offices

For information on exporting papaws contact an export inspector at the closest office of the Australian Quarantine & Inspection Service, Department of Primary Industry & Energy. The address and contact numbers for these offices are:

Brisbane

GPO Box 778
BRISBANE QLD 4000
Ph: (07) 3246 8755; Fax: (07) 3839 9313

Bundaberg

PO Box 815
BUNDABERG QLD 4670
Ph: (07) 4152 2511; Fax: (07) 4153 1457

Cairns

PO Box 96
Airport Administration Centre
Cairns International Airport
CAIRNS QLD 4870
Ph: (07) 4030 7800; Fax: (07) 4035 9578

Gladstone

PO Box 1682
GLADSTONE QLD 4680
Ph: (07) 4976 0729; Fax: (07) 4976 0781

Mackay

PO Box 96
MACKAY QLD 4740
Ph: (07) 4957 6388; Fax: (07) 4953 2309

Townsville

PO Box 1085
TOWNSVILLE QLD 4810
Ph: (07) 4722 2688; Fax: (07) 4778 4796

Inspections for interstate movement

Contact your nearest plant health inspector for information about movement of plants and fruit interstate. The inspector can also give you contacts for inspectors who can supervise treatments for movement of produce interstate.

To find your nearest plant health inspector, 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 call in Queensland. Callers outside Queensland can ring (07) 3404 6999.

Bowen**Bowen Research Station**

PO Box 538
BOWEN QLD 4805
Ph: (07) 4785 2255; Fax: (07) 4785 2427

Brisbane**Department of Primary Industries**

Locked Bag 4
MOOROOKA QLD 4105
Ph: (07) 3362 9450; Fax: (07) 3362 9699

Bundaberg**Bundaberg Research Station**

MS 108 Ashfield Road
BUNDABERG QLD 4670
Ph: (07) 4155 6244; Fax: (07) 4155 6129

Cairns**Department of Primary Industries**

PO Box 652
CAIRNS QLD 4870
Ph: (07) 4052 3283; Fax: (07) 4052 3080

Innisfail**Centre for Wet Tropics Agriculture**

PO Box 20

SOUTH JOHNSTONE QLD 4859

Ph: (07) 4064 2634; Fax: (07) 4064 2716

Mareeba**Centre for Tropical Agriculture**

PO Box 1054

MAREEBA QLD 4880

Ph: (07) 4092 8557; Fax: (07) 4092 8560

Nambour**Maroochy Horticultural Research Station**

PO Box 5083, SCMC

NAMBOUR QLD 4560

Ph: (07) 5441 2211; Fax: (07) 5441 2235

Rockhampton**Department of Primary Industries**

PO Box 6014, RMC

ROCKHAMPTON QLD 4702

Ph: (07) 4936 0216; Fax: (07) 4936 2453

Information on interstate movement provisions

Requirements for interstate movement change rapidly. To allow you to get the latest information we have included the contacts for each state below.

Australian Capital Territory**Quarantine & Inspection Officer**

Environment ACT

PO Box 1038

TUGGERANONG ACT 2901

Ph: (02) 6207 2265; Fax: (02) 6207 2268

New South Wales**Regulatory Operations Coordinator (Plants)**

Locked Bag 21

ORANGE NSW 2800

Ph: (02) 6391 3583; Fax: (02) 6391 3605

Northern Territory**Senior Inspector (Interstate Quarantine)**

Department of Primary Industries and Fisheries

BERRIMAH NT 0801

Ph: (08) 8999 2138; Fax: (08) 8999 2111

Queensland**Senior Operational Support Officer**

Department of Primary Industries

GPO Box 46

BRISBANE QLD 4001

Ph: (07) 3239 3330; Fax: (07) 3211 3293

South Australia**Program Leader—State Quarantine Inspection Service**

46 Prospect Road

PROSPECT SA 5082

Ph: (08) 8344 1203; Fax: (08) 8344 6033

Tasmania**Senior Quarantine Officer**

Quarantine Centre

PO Box 347

NORTH HOBART TAS 7022

Ph: (03) 6233 3036; Fax: 6234 6785

Victoria**Senior Officer**

Plant Standards Branch

Natural Resources & Environment

Private Bag 15 SEMC

KNOXFIELD VIC 3176

Ph: (03) 9687 5627; Fax: (03) 9687 6746

Western Australia**Senior Inspector**

Western Australian Quarantine & Inspection Service

280 Bannister Road

CANNING VALE WA 6155

Ph: (08) 9311 5320; Fax: (08) 9456 0206

Queensland government services

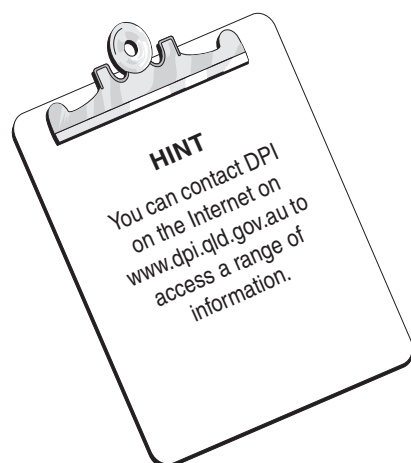
Information on papaw growing can be obtained from the following DPI offices of the Queensland Horticulture Institute.

Papaw technical enquiries (commercial growers only)**Innisfail**

PO Box 20

SOUTH JOHNSTONE QLD 4859

Ph: (07) 4064 1130; Fax: (07) 4064 2249



Nambour

PO Box 5083 SCMC
NAMBOUR QLD 4560
Ph: (07) 5441 2211; Fax: (07) 5441 2235

Rockhampton

PO Box 5545
ROCKHAMPTON QLD 4702
Ph: (07) 4923 8187

Consumer Affairs Queensland

Consumer Affairs officers manage the *Trade Measurement Act 1990*, and can provide current information on marking packages and the requirements for ensuring correct weight in all packages. You can locate your nearest office or obtain information by contacting them on:

Ph: (07) 3836 0411; Fax: (07) 3836 0424

Land vegetation management officers

Land vegetation management officers are available for expert assistance with vegetation and tree management; including the retention and management of remnant vegetation, vegetation management planning, tree use on farms including windbreak design and species selection, clearing, non-industrial farm forestry and forest enrichment. Your local office of the Department of Natural Resources (DNR) can put you in contact with your nearest land vegetation management officer, where available.

Land conservation extension officers

Land conservation extension officers are available in some districts to provide advice on land management. Your local office of the Department of Natural Resources (DNR) can put you in contact with your nearest land conservation officer, where available.

Water extension advice

Department of Natural Resources (DNR) officers can provide advice on most aspects of water use on farms including dam construction and maintenance, stream licensing, bore development, irrigation selection, water quality and farm drainage problems. Your local office of the Department of Natural Resources can put you in contact with the nearest office where this advice is available.

Farm financial counselling service

In Queensland, DPI provides business advisory services to producers who are in difficulty from continuing environmental and economic

pressures. Trained counsellors can help in the analysis of financial situations and the development of business plans. Your local DPI office or the DPI Call Centre, telephone 13 25 23, can put you in contact with your nearest financial counsellor.

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 which 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 enquires can be directed to:

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

Other information sources

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 call. Callers outside Queensland can ring (07) 3404 6999.

AgriInfonet is a DPI marketing information access service aimed at assisting small to medium agricultural enterprises search for new business opportunities in export markets. Information on the range of services can be obtained from:

AgriInfonet Project Leader
Rural Market Development
GPO Box 46
BRISBANE QLD 4001
Ph: (07) 3239 3307; Fax: (07) 3221 3896

DPI's web site provides access to relevant information services and products within DPI and on other relevant web sites. The address is: <http://www.dpi.qld.gov.au>

Infopest—pest management system on CD-ROM

This DPI product is available from:
Infopest Marketing Manager
DPI Animal & Plant Health Services
GPO Box 46
BRISBANE QLD 4001
Ph: (07) 3239 3967; Fax: (07) 3211 3293
E-mail: infopest@dpi.qld.gov.au
Web: www.dpi.qld.gov.au/aphs/infopest

Business planning advice—Queensland Government

Department of Tourism, Small Business & Industry

111 George Street
BRISBANE QLD 4000
Ph: (07) 3224 8568
Ring 13 26 50 for business centres outside Brisbane

Department of Economic Development & Trade

Investment Office
100 George Street
BRISBANE QLD 4000
Ph: (07) 3224 4224; Fax: (07) 3229 7348

Quality management training and information

Approved Supplier Program

The publication *Developing an Approved Supplier Program for fresh produce—a guide for customers and suppliers* is available from the Horticulture Quality Management Group, Queensland Horticulture Institute, DPI, 80 Meiers Road, Indooroopilly, Qld 4068. Ph: (07) 3896 9865; Fax: (07) 3896 9677. (Cost: \$6.)

Training workshops on implementing an Approved Supplier Program are conducted from time to time. For further information contact one of the following officers from the DPI Queensland Horticulture Institute:

Jason Cook	Brisbane	Ph: (07) 3896 9865; Fax: (07) 3896 9677
Scott Ledger	Brisbane	Ph: (07) 3896 9867; Fax: (07) 3896 9677
John Bagshaw	Brisbane	Ph: (07) 3896 9861; Fax: (07) 3896 9677
John Maltby	Bundaberg	Ph: (07) 4155 6244; Fax: (07) 4155 6129

HACCP

The DPI Centre for Food Technology (CFT) runs a three-day HACCP training course specifically for the horticulture industry. This course is recognised by AGWEST Trade and Development (who manage SQF 2000^{CM}) as an approved HACCP training course.

For more information contact:

David Licence	Nambour	Ph: (07) 5430 4930; Fax: (07) 5430 4994
Matt Rogers	Townsville	Ph: (07) 4722 2661; Fax: (07) 4778 2970

HACCP-based quality management standards or codes

The contacts listed previously can provide information and advice about these quality management standards or codes.

Copies of the SQF 2000^{CM} Quality Code and further information about SQF 2000^{CM} can be obtained from:

AGWEST Trade & Development

3 Baron-Hay Court
SOUTH PERTH WA 6151
Ph: (08) 9368 3382; Fax: (08) 9367 7389

Copies of ISO 9002 (listed as SAA/SNZ HB78:1998) are available from:

Standards Australia

PO Box 290
SPRING HILL QLD 4004
Ph: (07) 3216 1355; 1300 654 646; Fax: (07) 3216 0277
Web: www.standards.com.au

Agricultural booksellers

These booksellers specialise in agricultural books:

D & A Information Services

648 Whitehorse Road
PO Box 163
MITCHAM VIC 3132
Ph: (03) 9210 7777; Fax: (03) 9210 7788
E-mail: service@dadirect.com.au
Web: www.dadirect.com.au

DPI Publications

Department of Primary Industries
GPO Box 46
BRISBANE QLD 4001
Ph: 1800 816 541; Fax: (07) 3239 6509
E-mail: books@dpi.qld.gov.au
Web: www.dpi.qld.gov.au/catalogue

Granny Smith's Bookshop

208 Nicholson Road
PO Box 27
SUBIACO WA 6008
Ph: (08) 9388 1965; Fax: (08) 9388 1852
E-mail: granny@aoi.com.au
Web: www.aoi.com.au/granny

Johima Books

27 Hassall Street
PO Box 4048
PARRAMATTA NSW 2150
Ph: (02) 9687 1922; Fax: (02) 9687 1027
E-mail: nat@johima.com.au
Web: www.johima.com.au

Landlinks Press

PO Box 1139
COLLINGWOOD VIC 3066
Freecall: 1800 645 051; Ph: (03) 9662 7666; Fax: (03) 9662 7555
E-mail: sales@publish.csiro.au
Web: www.publish.csiro.au

Morescope Publishing Pty Ltd

50 Carters Road
PORT HUON TAS 7116
Ph: (03) 6297 1777; Fax: (03) 6297 1144

NRE Information Centre

8 Nicholson Street (Cnr Victoria Parade)
PO Box 500
EAST MELBOURNE VIC 3002
Ph: (03) 9637 8080; Fax: (03) 9637 8150

NSW Agriculture

Publications Sales Unit
Locked Bag 21
ORANGE NSW 2800
Ph: (02) 6391 3433
Orders: Freecall 1800 028 374; Fax: 1800 642 065

Contacts through the Yellow Pages

The following Yellow Pages headings cover the main topics for which contacts may be needed. Check the listings under the appropriate heading.

Chemicals/fertilisers

Chemicals, agricultural
Fertilisers
Insecticides, herbicides and fungicide
Lime

Chemical suppliers

Consultants
Farm and agricultural advisory services
Horticultural consultants
Soil conditioners and treatments

Economics and marketing

Fruit and vegetable wholesalers
Grain and produce
Transport services

Equipment, irrigation, machinery

Agricultural machinery
Engineers
Farm equipment and supplies
Instruments—scientific
Irrigation

Manufacturers of harvesting and/or grading machinery

Agricultural machinery
Carriers
Engineers, general
Engineers, manufacturing
Farm equipment and supplies

Pesticides and spraying

Aerial spraying
Fertiliser and/or insecticide spreading
Protective clothing
Spray equipment and/or supplies

Postharvest handling and packaging

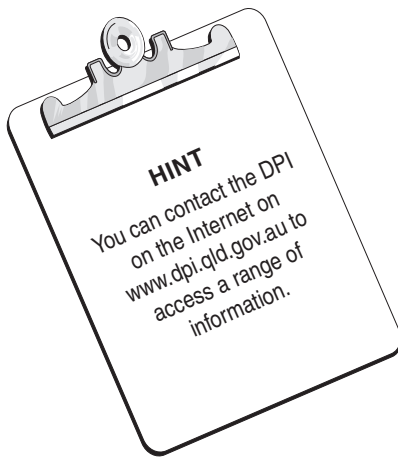
Cool room builders/designers
Cool stores
Food processing and/or packing machinery
Fruit and vegetable packing
Grain and produce packaging materials
Refrigerated transport trucks and equipment



References

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

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Other DPI publications	33
Scientific research papers on papaw	34



DPI information products

Papaw books and booklets

Papaw growing in South Queensland, O'Hare, P. (1993), Department of Primary Industries, Brisbane.

Papaya varieties for Queensland, (1999), Department of Primary Industries, Brisbane.

Other books relevant to papaw growing

Buying the farm for horticulture—site it right (1986), Department of Primary Industries, Brisbane.

Diseases of fruit crops, Persley, D.M. (ed) (1993), Department of Primary Industries, Brisbane.

Forced-air cooling (2nd edn), Watkins, J.B. & Ledger, S.N. (1990), Department of Primary Industries, Brisbane.

Fruit and nut crops—a disease management guide, Persley, D.M., Pegg, K.G. & Syme, J.R. (eds) (1989), Department of Primary Industries, Brisbane.

Horticulture: trade and investment, a marketing perspective, Reid, S.R.M., Pullar, S.J. & Rutherford A.D. (1995), Department of Primary Industries, Brisbane.

Insect pests of fruit and vegetables, Swaine, G., Ironside, D.A. & Corcoran, R.J. (eds) (1983), Department of Primary Industries, Brisbane.

Managing insects and mites in horticultural crops, Brough, E.J., Elder, R.J. & Beavis, C.H.S. (eds) (1994), Department of Primary Industries, Brisbane.

Pesticide application manual (3rd edn), Banks, A., Broadley, R.H., Collinge, M., & Middleton, K. (1990), Department of Primary Industries, Brisbane.

Water it right—irrigation using tensiometers, Daniels, J.L., Banks, A.G. & Jamieson, G.I. (1994), Department of Primary Industries, Brisbane.

Videos relevant to papaw growing

Buying the farm for horticulture—site it right (1986), Department of Primary Industries, Brisbane.

How to construct and maintain contour banks and waterways (1991), Department of Primary Industries, Brisbane.

How to get the most from your spray unit, Department of Primary Industries, Brisbane.

Playing it safe with pesticides (1989), Department of Primary Industries, Brisbane.

CDs relevant to papaw growing

Infopest—pest management information system (CD) (2000), Department of Primary Industries, Brisbane.

Prime notes on CD-ROM—Version 10 (2000), Department of Primary Industries, Brisbane.

Information products from other sources

General horticultural books with some relevance to papaw culture and issues

Australian horticulture, Coombs, B. (ed) (1995), Morescope Publishing Pty Ltd, Victoria.

Micro-irrigation of vines and fruit trees, Mitchell, P.D. & Goodwin, I. (1996), Agmedia, Melbourne.

The complete guide to growing fruit in Australia (5th edn), Baxter, P. (1997), Macmillan, Sydney.



Books on diseases, pests and disorders

Plant nutrient disorders—temperate and subtropical fruit and nut crops, Weir, R.G. & Cresswell, G.C. (1993), Inkata Press, Melbourne.

The good bug book, Broadley, R.H. & Thomas, M.J. (1996), Australian Biological Control Association, Sydney.

Books on organic growing

Natural farming Australia, Bock, L. (ed) (1995), Cyanco Pty Ltd, Eumundi.

Organic agriculture—getting started, Madge, D. (1995), Agmedia, Melbourne.

Organic farming, Burlace, M. (1995), NSW Agriculture, Orange.

Profitable organic farming, Newton, J. (1995), Blackwell Science, Melbourne.

Workplace health and safety information

These information sheets are available from offices of the Division of Workplace Health and Safety of the Department of Employment, Training and Industrial Relations. You can visit their web site: www.dtir.qld.gov.au

- Manual handling (lifting, repetitive movement, weights, team lifting, correct techniques)
- Noise
- Tractors—safe design, roll-over protection structures (ROPS), safe operation
- Overhead powerlines
- Agricultural bikes
- Chemical safety
- Child safety
- Skin cancer
- Heat stress
- Legislative requirements for farmers
- Welding
- Personal protective equipment
- Electrical equipment
- Machinery guarding
- First aid
- Workplace amenities
- Annual publications

Reports

Fruit and vegetable prices and receipts for Flemington Markets, Sydney

Available from:

Flemington Market Reporting Service

PO Box 1

FLEMINGTON MARKETS NSW 2129

Ph: (02) 9764 3516; Fax: (02) 9763 1773

Prices and throughput for the Brisbane Market

Available from:

Market Information Services

PO Box 229

BRISBANE MARKET QLD 4106

Ph: (07) 3379 4576; Fax: (07) 3379 4103; Mobile: 0417 710 950;

InfoFax: 1902 262 580

Horticultural Research & Development Corporation (HRDC) research reports

Available from:

Horticultural Research & Development Corporation

Level 6, 7 Merriwa Street

GORDON NSW 2072

Ph: (02) 9418 2200; Fax: (02) 9418 1352

E-mail: hrdc@hrdc.gov.au

Web: www.horticulture.com.au

Queensland Fruit & Vegetable Growers (QFVG) annual research report

Available from:

Queensland Fruit & Vegetable Growers

PO Box 19

BRISBANE MARKET QLD 4106

Ph: (07) 3213 2444; Fax: (07) 3213 2467

Articles, brochures and other items

Papaya fruit fly fact sheets

Available from:

Papaya Fruit Fly Task Force

Freecall Hotline: 1800 650 268

Papaya Quality Standards wall chart

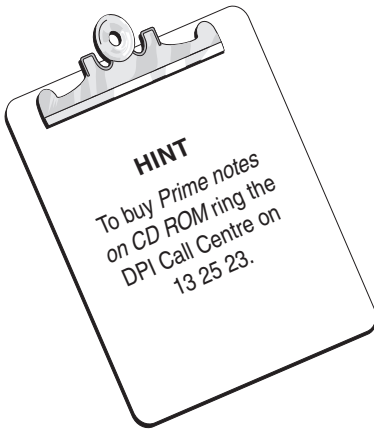
Available from:

DPI

PO Box 20

SOUTH JOHNSTONE QLD 4859

Ph: (07) 4064 1130; Fax: (07) 4064 2249



Miscellaneous

The DPI's *Prime notes on CD-ROM* has several titles that may be of interest to papaw growers. They include:

- Papaya fruit fly—a major exotic pest of horticulture
- Broad mite in papaya
- Cutworms in papaya
- Fruit spotting bugs in papaya
- Oriental scale in papayas
- Papaya (papaw)—costs and returns—far north coastal region dioecious hybrid varieties
- Papaya ringspot disease
- Papayas—virus and virus-like diseases
- Two-spotted mite in papaya
- Yellow peach moth in papayas
- Queensland and cucumber fruit flies in papaya

General journals and magazines

Fruit & Vegetable News

The official journal of the Queensland Fruit & Vegetable Growers. It is posted free on request to all Queensland fruit and vegetable growers.

Available from:

QFVG

PO Box 19

BRISBANE MARKETS QLD 4106

Ph: 1800 654 222

The Growers' Access Line numbers are:

Ph: 1800 654 222; Fax: 1800 650 196

E-mail: qfvg@qfvg.org.au

Web: www.qfvg.org.au

Good Fruit & Vegetables

PO Box 160

PORT MELBOURNE VIC 3207

Ph: 1800 035 351

Papaw newsletters

Papaya Post

An industry bulletin for Queensland papaw growers. It is published three times each year and is posted free on request to all commercial papaw growers. Available from the editor:

DPI

PO Box 20

SOUTH JOHNSTONE QLD 4859

Ph: (07) 4064 1130; Fax: (07) 4064 2249

Other DPI publications

Controlled ripening of papaya, Watkins, J.B. (1981), Department of Primary Industries, Brisbane.

Papaya costs and returns, Thew, R.K. & O'Hare, P.J. (1985), Department of Primary Industries, Gympie.

Papaya postharvest and marketing project—Sydney market study, Hubbard, C.A., MacLeod, W.N.B., O'Hare, P.J. & Thew, R.K. (1986), Report to the OFSGC of the Queensland Fruit & Vegetable Growers.

Marketing of papayas in Melbourne, O'Hare, P.J. (1987), Report to the Gympie Fruitgrowers Association.

Improving papaya market performance, O'Hare, P.J., Winks, C.W. & Smith, M.K. (1988), MHRS Open Day, 21 October 1988 in 'Are You Market Driven?' Section H.

Papayas—fertigation schedules, Banks, A.G. (1988), Department of Primary Industries, Brisbane.

Papayas—site selection, plantation layout and land preparation, Dwyer, G.T. & O'Hare, P.J. (1989), Department of Primary Industries, Brisbane.

South Queensland papaya cultivars—a review, O'Hare, P.J. (1992), MHRS Report No.6.

Ringspot disease—a serious new disease for papayas in Australia, O'Hare, P.J., Thomas, J.E. & Dodman, R.L. (1992), MHRS Report No.6.

Production of papaya (papaw) in Queensland: a snapshot of the industry status, trends and directions, Richards, N.K., Ross, P.J., Chay-Prove, P.M. & Dostie, B. (1995). Department of Primary Industries Bulletin QB95004.

The papaya industry in Australia, Chay-Prove, P.M. (1996), International Conference on Tropical Fruits—Global Commercialisation of Tropical Fruits, Kuala Lumpur, Malaysia.

Papaya industry profile for north Queensland, Ross, P., Kelly, G. & Zappala, J. (1998), Department of Primary Industries, Brisbane.


Scientific research papers on papaw

Pesticide application manual, 3rd edn, Banks, A.G. *et al.* (1990), Department of Primary Industries, Brisbane.

Forced-air cooling, 2nd edn, Watkins J.B. & Ledger, S.N. (1990), Department of Primary Industries, Brisbane.

Prices and market throughput on the Brisbane Wholesale Market, Rocklea, Sangster, R. (1992), Department of Primary Industries, Brisbane.

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