

Onion 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 We advise readers to take particular note of the areas most likely to be out-of-date and so requiring further research: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- Financial information—costs and returns listed in this publication are out of date.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 onion 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 other important providers and sources of onion industry information. The Contacts directory contains the names and contact details of people and organisations serving the onion industry. The References section contains a list of information that is useful reading for anyone involved in the industry.

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Books, articles, brochures, journals, magazines and newsletters



Contacts

Names are provided solely for helping 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 onion industry and would like to be included in an updated list, please supply your details to Agrilink, Department of Primary Industries, PO Box 5269 SCMC, Nambour Q 4560. Phone (07) 5444 9690; Fax (07) 5444 9694; Int Code +61 7.

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Grower associations

Queensland associations

The interests of the onion industry in Queensland are represented by the Heavy Vegetable Committee of the Queensland Fruit and Vegetable Growers (QFVG). This committee gives heavy produce growers (onions and others) a separate identity and enables them to discuss and formulate industry policy.



Intending onion growers should join their local growers association. The address and meeting times of local associations and district delegates are available through:

Queensland Fruit and Vegetable Growers
PO Box 19

BRISBANE MARKET Q 4106

Ph: (07) 3213 2444; Fax: (07) 3213 2438

The Growers' Access Line numbers are:

Ph: 1800 65 4222; Fax: 1800 65 0196

National associations

AUSVEG

RMB 5307

STRATHBOGIE VIC 3666

Ph: (03) 5790 5247; Fax: (03) 5790 5259

Australian Onion Industry Association Inc.

PO Box 1459

MURRAY BRIDGE SA 5253

Ph: (08) 8531 1577; Fax: (08) 8532 1789

Organic grower associations

Note: These organisations do not have the resources to provide a general advisory service about organic production. Their main function is to provide information about certification standards and processes. Special services are provided to members after joining. Kits containing information on membership and certification standards and processes are available for purchase.

Bio-Dynamic Agricultural Association of Australia
c/- Post Office

POWELLTOWN VIC 3797

Ph: (03) 5966 7333; Fax: (03) 5966 4333

Biological Farmers of Australia

PO Box 3404

TOOWOOMBA VILLAGE FAIR Q 4350

Ph: (076) 39 3299; Fax: (076) 39 3755

National Association for Sustainable Agriculture Australia Ltd

PO Box 768

STIRLING SA 5152

Ph: (08) 8370 8455; Fax: (08) 8370 8381

Seed suppliers

Seed companies

Henderson Seeds

C/- Peter Dun

PO Box 76

HELIDON Q 4344

Ph: (076) 97 6569; Mobile 015 13 2294; Fax: (076) 97 6776

Head Office: Ph: 1800 80 2295; Fax: (03) 9850 6794

Lefroy Valley Seed Co (Queensland)

C/- Brett Whittaker

PO Box 7506

MAIL CENTRE

TOOWOOMBA Q 4352

Ph: (076) 35 2099; Fax: (076) 35 2138

Magnus Kahl Seeds

PO Box 125

METUNG VIC 3904

Ph: (03) 5156 2370; Fax: (03) 5156 2522

S & G Seeds

PO Box 51

BRISBANE MARKET Q 4106

Ph: (07) 3892 4500; Fax: (07) 3892 2408

South Pacific Seeds

108 Berrima Street

WYNNUM Q 4178

Ph: (07) 3393 3766; Fax: (07) 3893 1522

Yates Vegetable Seeds Pty Ltd

13/19 Chifley Street

SMITHFIELD NSW 2164

Ph: (02) 9725 1200; Fax: (02) 9725 1066

Lockyer Valley onion seed producers

Tom Else

Tallegalla Road

TALLEGALLA, VIA MINDEN Q 4340

Ph: (07) 5464 4380

Reg Neuendorf

MS 231

LAIDLEY Q 4343

Ph: (07) 5465 1414

Des Reisenleiter

Jackson Court

GATTON Q 4343

Ph: (07) 5462 2735

Edgar Schulz
'Ropely'
MS 194
GATTON Q 4343
Ph: (07) 5462 7368

Packers (drying and grading)

Qualipack Produce
Warrego Highway
GATTON Q 4343
Ph: (07) 5466 5441

A number of growers will also pack for other growers.

Manufacturers of harvesting or grading machinery

AgMac Manufacturing Co.
Industrial Estate
GATTON Q 4343
Ph: (07) 5462 3433; Fax: (07) 5462 2336

Aratula Engineering
Cunningham Highway
ARATULA Q 4309
Ph/Fax: (07) 5463 8151

Glenore Grove Engineering and Hardware
FOREST HILL Q 4342
Ph: (07) 5466 5304

Stark Engineering and Hardware
FOREST HILL Q 4342
Ph: (07) 5465 4195

Postharvest handling and packaging

Cool rooms

Cardiff's Refrigeration
LAKE CLARENDON Q 4343
Ph: (07) 5466 5155

Bins

Hoods Sawmill
GATTON Q 4343
Ph: (07) 5462 1011

Bags

Available from agribusiness outlets.

Market information

For information on who to talk to about problems in the market, such as disputes over payment, wholesalers looking for new growers or products, packing and presentation, or contact numbers for government officers or industry representatives, contact the appropriate person from the list below.

Market Contact Network

Brisbane: Trevor Brewer

Ph: (07) 3379 4576; Mobile: 018 06 8141; Fax: (07) 3379 4103

Sydney: Chris Cope

Mobile: 015 10 8639; Fax: (02) 9907 1140

Melbourne: John Popiliess

Mobile: 0411 11 7578; Fax: (03) 9645 9908

For information on **market prices**, contact:

Market Information Services

D Block Brisbane Market

PO Box 229

BRISBANE MARKETS Q 4106

Ph: (07) 3379 4576; Fax: (07) 3379 4103

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: Freecall: 1900 155 250 (recording);

Dial-a-fax: 1900 155 251 (\$2 a fax)

Horticultural consultants

Agritech Laboratory Services

PO Box 549

TOOWOOMBA Q 4350

Ph: (076) 38 4322; Fax: (076) 38 4271

Crop Tech Laboratories

MS 305 Langbeckers Road

BUNDABERG Q 4670

Ph: (071) 55 6344; Fax: (071) 55 6656

John Kilpatrick

PO Box 264

TOLGA Q 4882

Ph: (070) 95 4398; Fax: (070) 95 4964

Plant Pro

Julian Winch

20 Smith Street

GATTON Q 4343

Ph: (07) 5462 2096; Mobile: 015 64 0450

Graeme Thomas
Keys Road
HAMPTON Q 4352
Ph: (076) 97 9170

Export associations

Australian Horticultural Exporters Association
12 Bank Street
MOLONG NSW 2866
Ph: (063) 66 9144; Mobile: 018 63 9370; Fax: (063) 66 9145

Queensland Horticultural Exporters Association
Box 400
BRISBANE MARKET Q 4106
Ph: (07) 3278 0544; Fax: (07) 3278 0610

Inspectors for interstate movement

Contact your nearest horticulture DPI office to get contacts for inspectors.

Queensland Government services

Onion technical information

Queensland Horticulture Institute
Gatton Research Station
Locked Bag 7
MS 437
GATTON Q 4343
Ph: (07) 5466 2222; Fax: (07) 5462 3223

Mareeba
PO Box 1054
MAREEBA Q 4880
Ph: (070) 92 1555; Fax: (070) 92 3593

Forestry extension officers

Forestry extension officers are available for expert assistance with tree use on farms. This includes windbreak design and species selection, clearing, timber production and forest enrichment. The local DPI office can put you in contact 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 contact 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. They also provide advice on farm drainage problems. The local Department of Natural Resources office can put you in contact with your nearest water 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

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.

The Farmfax telephone number (07) 3222 2966.

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 Manager

GPO Box 46

BRISBANE Q 4001

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

Agricultural booksellers

These booksellers specialise in agricultural books.

Agmedia
PO Box 258
EAST MELBOURNE VIC 3002
Ph: 1800 80 0755; Fax: (03) 9651 7009

D & A Books and Journals
648 Whitehorse Road
MITCHUM VIC 3132
Ph: (03) 9210 7777; Fax: (03) 9210 7788

Johima Books
PO Box 4048
PARRAMATTA NSW 2124
Phone: (02) 9687 1922; Fax: (02) 9687 1027

Morescope Publishing
638A Burwood Road
HAWTHORN EAST VIC 3123
Phone: (03) 9882 9922; Fax: (03) 9882 9239

Contacts through the Yellow Pages

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.

Chemicals/fertilisers

- Chemicals, agricultural
- Fertilisers
- Insecticides, herbicides and fungicides
- Lime
- Chemical suppliers
- Soil conditioners and treatments

Consultants

- Farm and agricultural advisory services
- Horticultural consultants

Economics and marketing

- Fruit and vegetable wholesalers
- Grain and produce
- Transport services

Equipment, irrigation, machinery

Farm equipment and supplies
Agricultural machinery
Engineers
Irrigation
Instruments, scientific

Manufacturers of harvesting or grading machinery

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

Pesticides and spraying

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

Postharvest handling and packaging

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



References

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

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DPI information products

Books

The following DPI books are available from:

DPI Publications
 Department of Primary Industries
 GPO Box 46
BRISBANE Q 4001 AUSTRALIA
 Phone: 1800 81 6541; Fax: (07) 3239 6509

They are also available from some DPI offices and are available for public use in some DPI Information Centres.

Crop weeds of northern Australia, Wilson, B. J. Hawton, D. and Duff, A. A. (1995), Department of Primary Industries, Brisbane.

Diseases of vegetable crops, Persley, D. M. and Cooke, A. W. (eds) (1994), Department of Primary Industries, Brisbane.

Insect pests of field crops, Swaine, G. and Ironside, D. A. (1983), Department of Primary Industries, Brisbane.

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



Pesticide application manual (2nd edition), Banks, A., Broadley, R. H., Collinge, M., Middleton, K. (1990), Department of Primary Industries, Brisbane.

Plants of central Queensland, their identification and uses, Anderson, E. (1993), Department of Primary Industries, Brisbane.

Vegetable crops—a disease management guide, Persley, D. M., O'Brien, R. and Syme, J. R. (eds) (1989), Department of Primary Industries, Brisbane.

Sustainable vegetable production in south-east Queensland, Dwyer, G. (1994), Department of Primary Industries, Brisbane.

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

Other products

Prime notes on CD-ROM

Available from:

DPI Notes Coordinator
Department of Primary Industries
GPO Box 46
BRISBANE Q 4001 AUSTRALIA
Ph: (07) 3239 6478

Other books

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

Compendium of onion and garlic diseases, Schwartz, H. F. (ed.) and Krishna Mohan, S., APS Press, USA.

Nutrient deficiencies and toxicities in crop plants, Bennett, W. F. (ed.) (1993) APS Press, USA.

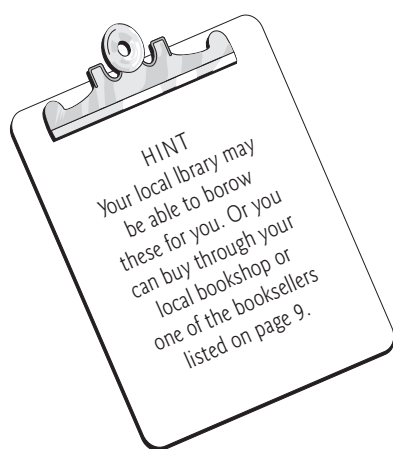
Onions and allied crops, Vol. 1 and 2, H. D. Rabonwitch and J. L. Brewster, UK, (1990).

Onions and other vegetable alliums, Brewster, J. L., (1994), CAB International, UK

Onions and their allies, Botany, Cultivation and Utilisation, Jones, H. A. and Mann, L. K., (1963), Interscience, New York.

Onions in tropical regions, Currah, L. and Proctor, F. J., (1990), Natural Resort.

Plant nutrient disorders 3, vegetable crops, Weir, R. G. and Cresswell, G. C. (1993), NSW Agriculture, Inkata Press, Melbourne.



The book *Australian vegetable growing handbook*, Salvestrin, J., (ed.), (1991), is available from:

Irrigation Research and Extension Committee
C/- CSIRO Private Mail Bag
GRIFFITH NSW 2680

Annual publications

Fruit and vegetable prices and receipts for the Flemington market

Available from:

The Manager
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 1995

Available from:

Market Information Services
PO Box 229
BRISBANE MARKET Q 4106
Ph: (07) 3379 4576; Mobile: 041 771 0950; Fax: (07) 3379 4103
INFOFAX: 19 0226 2580

Queensland Fruit and Vegetable Growers (QFVG) annual report

Available from:

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

Horticultural Research and Development Corporation (HRDC) annual report

Available from:

Horticultural Research and Development Corporation
Level 6
7 Merriwa Street
GORDON NSW 2072
Ph: (02) 9418 2200; Fax: (02) 9418 1352

Articles

Photocopies of the following articles may be available through libraries.

Black mould: Understanding the control strategy, Salvestrin, J., *Onions Australia*, Vol 8, November, 1991.

Oils ain't oils—they're adjuvants, O'Brien, R. G., MacManus, G. and Galea, V., *Onions Australia*, Vol 14, November 1997, (in press).

Downey mildew: forecasting a success in the Lockyer, MacManus, G., Galea, V. and O'Brien, R.G., *Onions Australia*, Vol 13, November 1996.

Control of onion downy mildew in the presence of phenylamide-resistant strains of *Peronospora destructor* (Berk.) Caspary, O'Brien, R. G., Department of Primary Industries, Indooroopilly, in *Australian Journal of Experimental Agriculture*, (1992), 32, pp. 669-74.

Managing onion downy mildew in Australia, Tesoriero, L. et al., *Onions Australia*, Vol 10, November, 1991.

Onion botrytis—a pain in the neck, Ransom, L., *Onions Australia*, Vol 7, November, 1990.

Physiology of the onion, Sinclair, P., *Onions Australia*, Vol 6, November, 1989.

The botany of onions, Sinclair, P., *Onions Australia*, Vol 5, November, 1988.

Journals and magazines

Onions Australia, annual journal published by the Australian Onion Industry Association.

Available from:

Australian Onion Industry Association Inc.

PO Box 1459

MURRAY BRIDGE SA 5253

Ph: (08) 8531 1577; Fax: (08) 8532 1789

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

Available from:

Queensland Fruit and Vegetable Growers

PO Box 19

BRISBANE MARKETS Q 4106

Ph: 1800 65 4222.

Good Fruit and Vegetables

Available from:

Good Fruit and Vegetables

PO Box 160

PORT MELBOURNE VIC 3207

Ph: 1800 03 5351



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