

Capsicum and chilli information kit

Reprint – information current in 1999



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 1999. We advise readers to take particular note of the areas most likely to be out-of-date and so requiring further research: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- Financial information—costs and returns listed in this publication are out of date.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 1999. 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 capsicum and chilli. 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

Capsicum and Chilli Information Kit

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Disclaimer

This information kit is distributed by the Department of Primary Industries as an information source only. The information contained in the kit and other material incorporated by reference is provided solely on the basis that readers will be responsible for making their own assessment of the content and seek professional advice. Readers must note that the information contained in this kit has been developed for growers in Queensland, Australia and the Department of Primary Industries gives no warranty that the information is suitable for conditions outside Queensland, Australia.

Foreword

The Queensland Horticulture Institute is a business unit of the Department of Primary Industries with staff located at 17 centres across the State. It is the service delivery arm of the Queensland Government's support for the fruit, vegetable and amenity horticultural industries.

The core business of the Queensland Horticulture Institute is providing effective technical, scientific and market driven solutions for the horticultural industries. A key element of this is information. Our team of researchers, extension officers and other skilled professionals generates, formats and distributes information to advance the horticultural sector.

Agrilink is a new concept in developing and packaging the information regularly sought by producers of horticultural commodities.

Each Agrilink kit has been designed to be both comprehensive and practical. As they are arranged to answer questions of increasing complexity, they are useful references for both new and experienced producers of specific crops. Agrilink integrates the technology of horticultural production with the management of horticultural enterprises.

Agrilink is a team effort. Each kit has been conceived and written by a team of extension and research staff with specialist knowledge of the crop and commodity. Most of the kits have been field-tested by producers and other users. Agrilink products are being produced to high quality standards so that you can obtain maximum benefit from your investment in information.

Technology and crop management information are changing rapidly. Agrilink has been designed so that each kit can be regularly updated and kept relevant as a practical aid for horticultural producers.

The Queensland Horticulture Institute aims to be the key provider of innovative research services and support for the development of horticulture in Queensland. We seek to find solutions through science. Agrilink is a means of bringing that information to you.

Kathryn Adams
Director
Queensland Horticulture Institute

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- *Diseases of vegetable crops*, D. Persley (ed), (1994), Department of Primary Industries, Brisbane.
- *Insect pests of fruit and vegetables*, G.A. Swaine, D.A. Ironside & R.J. Corcoran (eds), (1993), Department of Primary Industries, Brisbane.
- *Plant nutrient disorders 3, Vegetable crops*, R.G. Weir & G.C. Cresswell, (1993), New South Wales Agriculture, Sydney.
- *Strawberry pests*, Broadly, R.H. (1988), Department of Primary Industries, Brisbane.
- *Tomato pests and disorders*, G.D. Fullelove (ed) (1992), Department of Primary Industries, Brisbane.

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Preface

To be viable and competitive, horticultural growers face many challenges. These require significant economic and social restructuring and the adoption of new, complex and high risk technologies. The main prerequisite for these decisions is the availability of high quality, timely and relevant information.

Producing this information was the challenge that triggered the Agrilink information concept in 1992. Agrilink evolved from research that showed our existing information at that time lacked completeness, quality, easy access and regular updating. Over the last four years, Agrilink has developed and trialled a new information system to address these deficiencies. This has culminated in this new series of information kits.

Agrilink is built around several important principles. Its products focus on the core information that is most needed and regularly sought by growers. The information is presented in line with how it has been sought from us over the last 15 years. The contents are packaged into integrated information kits that make access and information retrieval easy. For the first time, we are providing a commitment to updating the information each year. The whole system is being operated under quality management to guarantee product quality and integrity.

The development of Agrilink has been a team effort. I thank all of the DPI staff, consultants and growers who have cooperated in our information gathering workshops. I also thank the artists, printing consultants and editors who have helped to turn the raw information into information kits. This new stage of Agrilink is possible through the funding support of DPI's New Initiatives Program, for which I am particularly grateful. This support has enabled a specialist project team to be developed to carry on the work. I thank this team for the wonderful effort they have put in to getting this new stage off the ground.

Four people deserve special mention. Brian Cull helped to develop the Agrilink concept and has vigorously encouraged its development since. Geoff Behnken provided the initial funding and was instrumental in helping secure the special funding for this new stage. Loraine Chapman has provided a range of specialist design and desktop publishing skills, a contribution which has been outstanding. Cheryl Hutchings helped to develop the Agrilink logo and has provided valuable commercial advice throughout.

I believe that Agrilink has made considerable progress in the challenge to provide high quality, timely and relevant information to Queensland's horticultural industries. The Agrilink project team looks forward to continuing the work into the new millennium.

Noel Vock
Agrilink Project Leader

About the authors

Noel Meurant

Noel is a Senior District Adviser in horticulture and has been with the DPI for 45 years. He joined the DPI in 1954 at Redlands, working on plant breeding and experimental work in vegetables. Noel then moved to Bowen in 1963, where he was the only horticultural officer for about three years. He was instrumental in securing and developing the Bowen Research Station. He has been based in Bowen for the past 36 years, where he has been heavily involved in all aspects of capsicum production.

Ross Wright

Ross is a Senior Horticulturist at the DPI's Bowen Horticulture Research Station. He joined the DPI at Bowen in 1969. Ross has had a broad range of experience in the agronomy and plant improvement of a range of vegetable crops. His experience in capsicum and chilli crops has involved research and development work in plant improvement, crop agronomy and nutrition, crop scheduling, weed control and disease management.

Jason Olsen

Jason is a Senior Research Horticulturist with the DPI. He has been based at Bundaberg Research Station since 1987 where he has led projects investigating the nutrition and agronomy of capsicum. In 1998 he was awarded a PhD for his study of the role of mycorrhizal networks in intensively-grown vegetable crops. He is senior author of nine papers published in refereed scientific journals and is an Honorary Fellow of Central Queensland University.

Garry Fullelove

Garry is a Senior Development Extension Officer based at Gayndah. He joined the DPI at Gatton in 1983, where he gained experience in vegetable production. In 1987 he moved to Bundaberg where he worked with the small crop industries in fine-tuning their production and plant protection systems. His work in capsicums concluded in May 1998 when he transferred to Gayndah to work with the citrus industry.

Jerry Lovatt

Jerry is a Senior Information Extension Officer at DPI's Bundaberg Research Station. Since joining DPI in 1967, he has worked at six centres around Queensland where he has accumulated a wealth of knowledge about Queensland horticulture, particularly vegetables. Jerry joined the Agrilink project team in 1993 and is responsible for the development of information packages for vegetable crops.



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