

Tropical banana information kit

Reprint – information current in 1998



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 1998. We advise readers to take particular note of the areas most likely to be out-of-date and so requiring further research: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- Financial information—costs and returns listed in this publication are out of date.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 1998. 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 tropical banana. 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

Tropical banana Information Kit

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your growing guide
to better farming
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Agrilink concept devised by Noel Vock and Brian Cull

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Disclaimer

Information contained in this publication is provided as general advice only. For application to specific circumstances, professional advice should be sought.

The Department of Primary Industries, Queensland has taken all reasonable steps to ensure the information contained in this publication is accurate at the time of publication. Readers should ensure that they make appropriate enquiries to determine whether new information is available on the particular subject matter.

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 horticulture 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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The information in the *Agrilink tropical banana information kit* applies to growing Cavendish varieties in coastal wet tropical Queensland.

For information on growing bananas in subtropical areas of Queensland and northern New South Wales, refer to the *Agrilink subtropical banana information kit* which should be available early in 1999.

Please consult local information before applying information in the Agrilink kits to other banana growing areas.

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 Behncken 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

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Martin is a DPI plant health officer for north Queensland, based at the Centre for Wet Tropics Agriculture, South Johnstone. He has more than 25 years experience in research and extension with a range of tropical crops. Martin's main role is to promote public awareness of exotic plant pests and improve the surveillance effort against pest incursion.

Irene Kernot

Irene is a Senior Information Extension Officer at Mareeba. Irene is working on the development of a number of information products for growers. These include computer-based decision aid packages for avocado and macadamia growers, and booklets, brochures and posters for the banana and papaya industries.

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Ron is a Principal Plant Pathologist at Mareeba. He has 30 years experience in plant pathology and 20 years experience with banana diseases. He has developed disease control programs for yellow Sigatoka, and strategies for the detection and eradication of black Sigatoka. One of Ron's international research projects is to screen varieties for resistance to black Sigatoka.

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Bruno is a Senior Entomologist based at Mareeba. He has over 20 years experience in tropical entomology, particularly banana pest management. His research into bunch injection for control of scab moth has provided the impetus for the introduction of integrated pest management for bananas. Bruno is currently developing new methods for bunch pest management to further reduce pesticide use.

Dave Wharton

Dave is general manager of the NQ Banana Growers Co-Op, an independent grower-owned group that is the largest marketer of bananas in Australia. Since joining the NQ Banana Growers Co-Op in 1995, Dave has restructured the Co-Op to its current successful format. He has also worked in marketing in the private sector.



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