From the editor

Welcome to the 2014-15 Cotton Pest Management Guide.

This Guide provides you with a comprehensive summary of the key cotton crop protection issues, and is brought to you by the Australian cotton industry’s joint extension program, CottonInfo. CottonInfo is an initiative of the Cotton Research and Development Corporation, Cotton Australia and Cotton Seed Distributors Ltd, designed to bring you best practice information, when and where you need it.

A major focus of this year’s Cotton Pest Management Guide is the inclusion of the first Herbicide Resistance Management Strategy (page 88). The HRMS is designed as a tool for weed management in irrigated and dryland farming systems incorporating herbicide tolerant cotton, to delay glyphosate resistance.

There are no silver bullets when it comes to managing this issue, but as an industry we can maximise the longevity of the farming system. Diversity in management tactics, controlling survivors and reducing the seedbank is key.

The Insecticide Resistance Management Strategy (IRMS) remains the first place to go when making an insecticide selection. This edition of the Guide has a number of changes to the IRMS, including new products.

Additionally, Bt resistance continues to be a threat to the industry. We highly recommend you read the preamble to the Resistance Management Plan (RMP) on page 70 for more information.

Finally, we recommend you also note:
- The updates to the impact of insecticides and miticides on predators, parasitoids and bees in cotton table (page 8) to include new actives available for use in cotton;
- The addition of a section on soil pests (page 38);
- A summary of the 2012-13 cotton pathology surveys (page 126) and information on disease management in cotton (pages 120-125);
- The legal responsibilities in applying pesticides section, which includes both NSW and QLD requirements; and,
- ‘BeeConnected’ has replaced the CottonInfo team ‘Bee Alert’ system. Refer to page 142 for more information on protecting honey bees.

I hope you find this year’s Cotton Pest Management Guide a valuable and informative reference. Remember, the CottonInfo team of regional development officers, technical specialists and myBMP experts are standing by to assist you with all your cotton information needs (see inside back cover).

You can also find more best practice information for your farm at the myBMP website (www.myBMP.com.au), and more details on spray application, integrated pest, weed and disease management in the 2014 Australian Cotton Production Manual, available from the CRDC website (www.crdc.com.au/publications).

On behalf of CottonInfo, thanks to the researchers and industry team of authors, reviewers and contributors for their assistance with this publication.

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COVER PHOTOS: Green Vegetable Bug with four Trichopoda parasite eggs (Hugh Brier, DAFF QLD) and windmill grass set seed in cotton (Tony Cook, NSW DPI).
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