



2008-09

2008-09 Cotton Pest Management Guide



Tracey Farrell



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IMPORTANT: USE OF PESTICIDES

Pesticides must only be used for the purpose for which they are registered and must not be used in any other situation or in any manner contrary to the directions on the label. Some chemical products have more than one retail name. All retail products containing the same chemical may not be registered for use on the same crops. Registration may also vary between States. Check carefully that the label on the retail product carries information on the crop to be sprayed.

This publication is only a guide to the use of pesticides. The correct choice of chemical, selection of rate, and method of application is the responsibility of the user. Pesticides may contaminate the environment. When spraying, care must be taken to avoid spray drift on to adjoining land or waterways.

Pesticide residues may accumulate in animals treated with any pesticides or fed any crop product, including crop residues, which have been sprayed with pesticides. In the absence of any specified grazing withholding period(s), grazing of any treated crop is at the owner's risk. Withholding periods for stock treated with any pesticides or fed on any pesticide treated plant matter must also be observed. Animals which test positive for chemical residues (i.e. with readings which exceed maximum residue limits for certain chemicals) at slaughter will be rejected. Pesticide residues may also contaminate grains, oils and other plant products for human use and consumption. Growers should observe harvest withholding periods on the pesticide label and should not assume that in the absence of a withholding period or after the expiry of a withholding period that the plant products will be free of pesticide residues.

Some of the chemical use patterns quoted in this publication are approved under Permits issued by the Australian Pesticides and Veterinary Medicines Authority (APVMA) at the time the publication was prepared. Persons wishing to use a chemical in a manner approved under Permit should obtain a copy of the relevant Permit from the APVMA and must read all the details, conditions and limitations relevant to that Permit, and must comply with the details, conditions and limitations prior to use.

The product trade names in this publication are supplied on the understanding that no preference between equivalent products is intended and that the inclusion of a product does not imply endorsement by NSW Department of Primary Industries over any other equivalent product from another manufacturer.

Bollgard II®, Roundup Ready® and Roundup Ready Flex® are registered trademarks of Monsanto Technology LLC used under licence by Monsanto Australia Ltd.

This publication replaces all previous cotton pesticide guides and cotton pest management guides.

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Contents

Note from the editor	v
Key insect and mite pests of Australian cotton	1
Sampling protocols for cotton aphid for use until first open boll	14
Sampling protocols for Silverleaf whitefly (SLW) in cotton	16
SLW Threshold Matrix	17
Sampling protocols for mites in cotton	18
Cotton Industry Biosecurity Plan	22
Integrated Pest Management (IPM) guidelines for Australian cotton II	28
Insecticide Resistance Management Strategy (IRMS) for 2008/09	45
IRMS 2008/09 Post Harvest Pupae Destruction in Sprayed Conventional Cotton	50
2008–2009 Insecticide Resistance Management Strategy for Cotton	51
Preamble to the Resistance Management Plan (RMP) for Bollgard II® 2008/09	55
Request for variation to the Bollgard II® planting window	61
Resistance Management Plan for Bollgard II® Cotton 2008/09	62
Legal responsibilities in applying pesticides	66
Pesticide Application Record Sheet	67
Re-entry periods after spraying	73
Withholding period (WHP) after pesticide application	74
Cotton Insect Control Guide – Registered chemicals as at 15 October 2008	75
Use of beneficial insect attractants (food sprays) and spray additives	88
Integrated Weed Management (IWM) for Australian cotton	89
The potential for herbicide resistance in cotton farming systems	96
Sampling information sheet for herbicide resistance testing	98
Using Liberty Link® technology	99
Roundup Ready Flex® technology	101
Using Roundup Ready® technology	104
Suspension of 2,4-D High Volatile Ester (HVE) products	107
Cotton Weed Control Guide – Registered chemicals as at 15 October 2008	108
Integrated Disease Management	117
Common Diseases of Cotton	119
Cotton Pathology Survey 2007/08	123
Cotton Disease Control Guide – Registered chemicals as at 15 October 2008	127
Cotton Agronomy Management Guide – Registered chemicals as at 15 October 2008	129
Best Practices for Aerial and Ground Spray Applications to Cotton	133
Index	142

Tables

Table 1. Yield reduction caused by mites	19
Table 2. Insect pest and damage thresholds	20
Table 3. Impact of insecticides and miticides on predators, parasitoids and bees in cotton	38
Table 4. Impact of insecticides at planting or as seed treatments on key beneficial groups in cotton	40
Table 5. Seasonal activity plan for IPM	44
Table 6. Cotton insecticides with known residual toxicities to honey bees	69
Table 7. Control of armyworm, cutworm and tipworm	75
Table 8. Control of wireworm	76
Table 9. Control of aphids	76
Table 10. Control of cotton leafhopper and silverleaf whitefly	77
Table 11. Control of green vegetable bug, mirids and thrips	78
Table 12. Control of <i>Helicoverpa</i> spp.	79
Table 13. Control of rough bollworm	80
Table 14. Control of pink spotted bollworm	82
Table 15. Control of mites	82
Table 16. Insecticide trade names and marketers – Registered chemicals as at 15 Oct 2008	83
Table 17. Food sprays and spray additives	88
Table 18. Food sprays and spray additives trade names and marketers	88
Table 19. Herbicide plant backs from rotation crops to cotton	94
Table 20. Plant backs to cotton for herbicides used in seedbed preparation	94
Table 21. Herbicides with unknown plant back periods to cotton	95
Table 22. Cotton herbicide plant backs to rotation crops	95
Table 23. Australian weeds with resistance to the Mode of Action (MoA) groups used in cotton	96
Table 24a. Control of weeds in dry channels	108
Table 24b. Control of weeds around aquatic areas	108
Table 25. Weed control before planting	109
Table 26. Weed control at planting	110
Table 27. Weed control after planting and before crop emergence	110
Table 28. Weed control after crop emergence (includes layby)	111
Table 29. Weed control pre harvest	112
Table 30. Herbicide trade names and marketers – Registered chemicals as at 15 Oct 2008	112
Table 31. Control of Cotton Diseases	127
Table 32. Fungicide trade names and marketers	128
Table 33. Plant growth regulators	129
Table 34. Plant growth regulators trade names and marketers	129
Table 35. Cotton defoliation products	130
Table 36. Defoliation products trade names and marketers	131

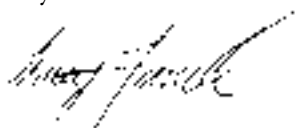
Note from the editor

Despite several smaller than average seasons, all in a row, the cotton industry continues to break new ground in pest management. The 2008/09 season sees the introduction of new techniques for monitoring and determining thresholds for cotton aphid and silverleaf whitefly.

Using IPM strategies that value the contribution of beneficials, incorporate economic thresholds and consider the influence of rotation crops, weed hosts and remnant vegetation will assist in controlling production costs.

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Tracey Farrell



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FURTHER INFORMATION AND PUBLICATIONS

For further information contact you regional cotton extension officer, district agronomist, Cotton Australia grower services manager, or the Technology Resource Centre of the CRC;

**Cotton Catchment Communities CRC
Technology Resource Centre
Australian Cotton Research Institute
Locked Bag 59 Narrabri, NSW 2390
Phone (02) 6799 1534 Fax (02) 6799 1582**

Publications available from the TRC include; *CottonLOGIC CD*, *Cotton Pest and Beneficial Insect Guide*, *Integrated Pest Management Guidelines for Cotton Production Systems in Australia*, *ENTOpak*, *MACHINEpak*, *SOILpak*, *WEEDpak*, *NUTRIpak*, *SPRAYpak*, *Integrated Disease Management Guidelines*, *WATERpak*, *Managing riparian lands in the cotton industry*, **COTTONpaks CD (includes all above publications)**, *Cotton CRC Info Sheets*.

Other publications including *Australian Cotton Industry Best Management Practice (BMP) Manual* are also available from:

**Cotton Research and Development Corporation
PO Box 282, Narrabri NSW 2390
Phone (02) 6792 4088 Fax (02) 6792 4400**

Websites for further information

Cotton Catchment Communities CRC (Cotton CRC)
www.cottoncrc.org.au

Cotton Research & Development Corporation
(CRDC) www.crdc.com.au

Cotton Australia (CA)
www.cottonaustralia.com.au

NSW Department of Primary Industries (NSW DPI)
www.dpi.nsw.gov.au

Queensland Department of Primary Industries
and Fisheries (QDPI&F) www.dpi.qld.gov.au

Australian Pesticides & Veterinary Medicines
Authority (APVMA) www.apvma.gov.au


Spotted anything unusual?



Cotton growers are the key to protecting Australia's crops from exotic insects and diseases like cotton leaf curl virus.

It is important that you are aware of the risk, and if you spot anything unusual on your crop you should always check it out and call your local entomologist, pathologist or the Exotic Plant Pest Hotline on 1800 084 881. The call is free (except from mobiles) and early detection will help protect your industry.

Visit www.planthealthaustralia.com.au for further information about specific pests of concern.

 Australian Government
Department of Agriculture,
Fisheries and Forestry


AUSTRALIAN COTTON GROWERS
RESEARCH ASSOCIATION INC.

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