

Modifications to the Third Edition of “A Code of Practice for the Control of Bed Bug Infestations in Australia”. May/2010.

[Note: this lists the major modifications and does not include changes in formatting, spelling and grammar.]

Page 1: The following were updated; edition number, date, ISBN, AEPMA address.

Section 1, *Preface to the Third Edition:* Revised and updated, and combined with the Introduction to the First Edition.

Section 2, *Aims:* Aims expanded.

Section 3, *Document Administration & Review:* Section renamed and the administration process of the Working Party is defined.

Subsection 7.1, *Training – Pest Managers:* Details on specific training for pest managers.

Subsection 8.1.2, *Client Education:* New subsection.

Subsection 8.1.4, *Warranties:* This subsection has been reworded to include bed bug management plans.

Subsection 8.2.1, *Accommodation Industry – Guest Complaint:* a reference to the new section 'Bed Bug Management Policy' is made.

Section 9, *Occupational Health & Safety:* Section expanded to include recommendations for the accommodation industry in relation to the application of insecticides and entry to bed bug infested rooms.

Section 10, *Choosing a Pest Manager:* New section to assist homeowners and accommodation providers to find a pest manager competent at bed bug control.

Section 11, *Bed Bug Control – An Overview:* Revised to include the need for a Bed Bug Management Plan.

Section 12, *Identification:* This is a new section and includes the following subsections: 12.1. Bed Bug Identification; 12.2. Bed Bug Indications; 12.3. Diagnostic Confounders. Includes new image of the common bed bug lifecycle and taxonomic salient feature of the common and tropical bed bug species.

Section 13, *Planning and Preparing for Inspections and Treatments:*

Section heavily revised.

Section 14, *Inspection Procedures*: Section heavily revised.

Section 15, *High Risk Factors*: New section with images to assist pest managers to identify factors that make bed bug control challenging. A number of images have been added to this section.

Section 16, *Bed Bug Management Plan*: New section that states that pest managers must have a bed bug management plan in the treatment of any infestation and that this document can serve as the service contract.

Section 17, *Treatment Procedures*: Section heavily revised.

Subsection 17.1.2, *Hygiene*: Subsection updated to reflect current trends on treating damaged mattresses.

Subsection 17.1.3, *Physical Removal*: Subsection revised to recommend that any vacuum used should be for pest control only, a unit with a HEPA filter will reduce insect allergens, and that insecticide should not be sprayed into the vacuum while operating as this could result in a fire.

Subsection 17.1.4, *Heat*: The discussion on the tumble drying of clothes to kill bed bugs has been updated.

Subsection 17.1.7, *Mattress encasements*: The desirable features of a good mattress encasement are discussed.

Subsection 17.1.9, *Bed Bug Traps/Barriers*: New subsection.

Subsection 17.2, *Chemical Control*: Table 1 has been updated to reflect current insecticide registrations.

Subsection 17.2.3, *Insecticide Efficacy*: Subsection updated to incorporate recent research findings and to provide warnings regarding the limitations of use with Actellic.

Subsection 17.2.4, *Insecticide Reapplication*: In the second edition, this subsection appeared in 'Post Treatment Procedures' (Section 16 of the 2nd edition) but was moved to come under 'Chemical Control'. This section was revised and a table on egg hatching time was included so that pest managers can determine the optimal time for insecticide reapplication.

Section 20, *Prevention Measures*: This entire section has been heavily

revised and rearranged in accordance with the processes of a bed bug infestation as discussed under Section 20.1.

Subsection 20.1, *Bed Bug Population Dynamics*: New subsection which discusses the four main phases of a bed bug infestation.

Subsection 20.2, *Bed Bug Management Policy*: New subsection that discusses the need for accommodation providers in having a management policy to deal with bed bug infestations.

Subsection 20.3, *The Traveller*: Subsection revised to incorporate recent technological innovations. The new name for 'Cooper's Travel Guide to Bed Bugs' is included.

Subsection 20.13, *Linen Handling*: Subsection expanded on handling of used linen.

Section 21, *Situational Control*: New section, which incorporates several subsections from the previous edition.

Section 21.2, *Rental Accommodation*: New subsection.

Section 21.3.1, *Bed Bugs on Aircraft*: New subsection.

Section 21.4, *Extreme Bed Bug Infestations*: This subsection has been extensively updated to include recommendations on fiscal responsibility for bed bug management, inspection processes, education for tenants and carers, tenant responsibilities, and management response time. Two related references are listed.

Section 22, *Definitions*: This was moved to the appendices. Definitions added include; Disinsection, Fumigation, IPM, OPs, Putative Infestations, Residual Application, SPs, Topical Application.

Section 23, *References and Further Reading*: Updated.

Section 24, *Acknowledgements*: Updated.

Section 25, *Potential New Insecticide*: New section that discusses efficacious products currently not registered in Australia.

Section 26, *The CoP Working Party*: Table updated to reflect current Working Party composition.

Section 27, *Suppliers & Contacts*: Updated.

Section 30, *List of Registered Pesticides*: Updated, this now includes products not specifically registered for bed bugs, i.e. where 'other insects' are listed, e.g. Killmaster Dichlorvos Zero Pest Strip.