LEVUBU Centre for Excellence
production, compliance, human resources, training

SERVICE SNAPSHOT

INSECTARY

The Levubu Centre for Excellence operates a private insectary established to support in-house applied research and to supply laboratory-reared insects to external research institutions conducting related studies. The facility plays a critical role in strengthening the industry's capacity to generate reliable, controlled, and reproducible data for pest management research and product evaluation.

The insectary provides:

- Reliable supply of laboratory-reared insect material.
- Maintenance of high-quality insect colonies.
- Support for applied research, product testing, and collaborative studies.
- A platform for advancing science-based pest management solutions.

Colony maintenance and insect rearing

Focus: Ensuring consistent, high-quality insect supply.

The insectary maintains colonies of key macadamia pests, including:

- Two-spotted stink bug
- *Boerias pavida* stink bug
- Green vegetable bug
- Macadamia nut borer

Colonies are maintained under controlled environmental conditions to ensure consistency, quality, and repeatability. All life stages are available to support a wide range of experimental applications.

Applied research and *in vitro* trials

Focus: Enabling robust, controlled experimentation

- Supply of insects for efficacy trials and product evaluation.
- Support on field trials or research projects.
- Standardisation of experimental conditions across trials.

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