bug scents™
Sentry Pro
POWERED BY LIPHATECH

Product Overview

Inspired by Insects

Every aspect of this trap has been designed with the insect in mind, including the color, texture, size of the opening and thigmotactic channels that guide bed bugs into the trap.

Textured, dark, undulating surface creates ideal environment for bed bugs.

Replaceable glue insert placed on the "ceiling" catches bed bugs on their backs.

Sixty channels have been specially designed to act like corridors to take advantage of bed bugs' thigmotactic behavior.

Base of the trap sits flush to the surface to prevent bed bugs crawling underneath and avoiding the glue.

Designed for Pest Management Professionals

Three key design features contribute to creating a discreet and highly effective trap, making bed bug detection fast, accurate and hassle-free in the field, so pest management professionals (PMPs) can build trust and boost client satisfaction.

- Low profile design fits under a divan-style bed.
- Horizontal and vertical installation options allow it to be placed behind a headboard.
- 360-degree entry enables bed bugs to enter from any angle, maximizing catch rate.

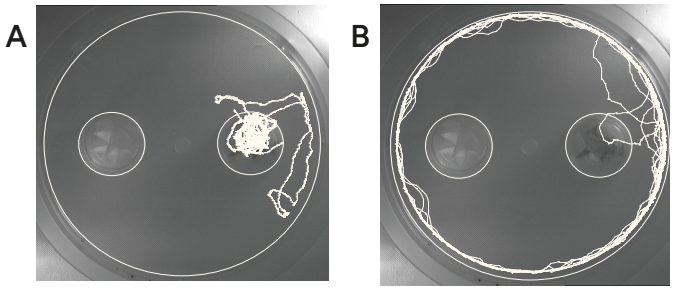
Backed by Science

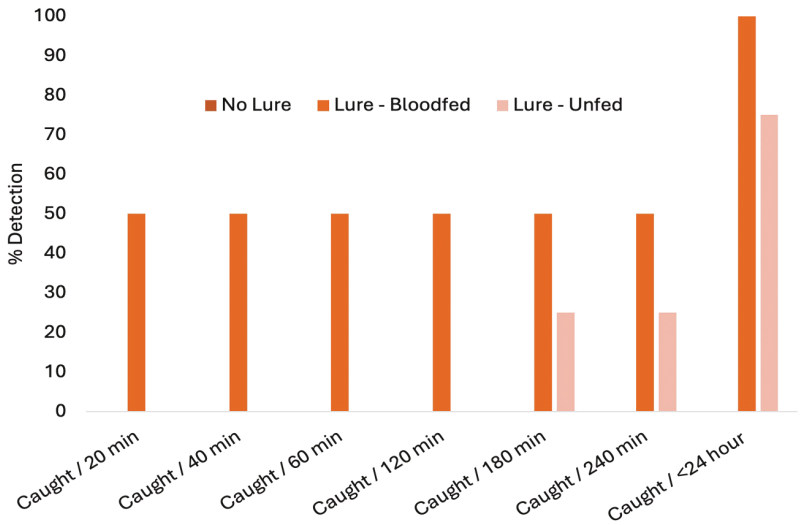
BugScents™ Sentry Pro uses a patented, slow-release formulation that mimics bed bugs' natural aggregation pheromone, attracting both adult and nymph bed bugs within 72 hours (and as quickly as 24 hours) whether a human host is present or not.

Developed over a decade of scientific research, by researchers from Arctech Innovation (originally part of the London School of Hygiene and Tropical Medicine), this cutting-edge attractant technology ensures long-lasting effectiveness, continuously releasing the pheromone for up to three months to enable active ongoing monitoring.

Highly Attractive Aggregation Pheromone

Video tracking software shows the individual movements of bed bugs towards the odor pot containing our aggregation-associated volatiles (A) compared to an arena where neither pot contains a pheromone (B).





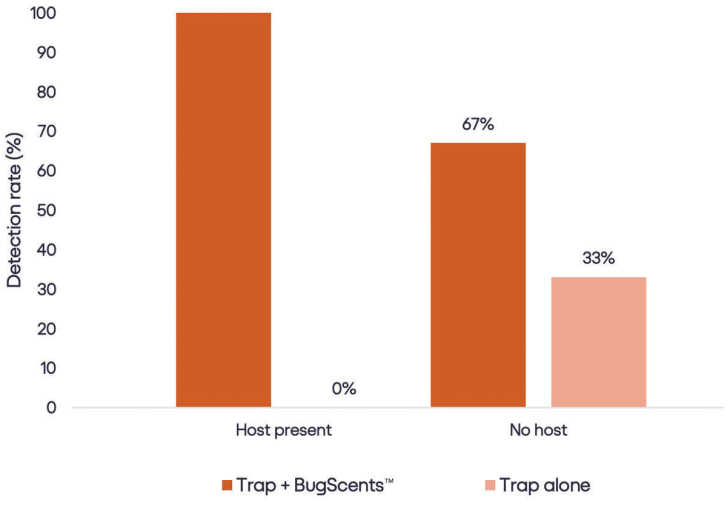
Unbeatable Detection

This graph indicates detection of ten adult bed bugs (five male and five female) in a 24-hour bioassay with BugScents Sentry Pro, including a total of eight replicates.

Note: In real application conditions, trap assessments are recommended after 24-96 hours.

Works in the Presence of a Human Host

Because the pheromone attracts refuge-seeking bed bugs, it is not in competition with the host. Instead, it works in unison with the host and will detect infestations quicker when there is a host present. The graph on the right depicts detection rate (at least one bed bug caught) of the BugScents™ attractant technology in long-range assays with and without a human host, when used in a pitfall trap.



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For more information, visit **liphatech.com/bugscents**

Active Attraction

With active ongoing monitoring of new infestations using BugScents™ Sentry Pro, PMPs can save time manually searching for bed bugs, avoid treatment delays and provide peace of mind to their customers, transforming their bed bug control service.

BugScents Sentry Pro is not only a rapid assessment device for PMPs to verify possible bed bug infestation and the size of infestations, but also an effective post-treatment monitor to confirm successful eradication of bed bugs and active ongoing surveillance for new infestations.

Validated by Customers

Venables Pest Control, based in the UK, shared impressive results from using BugScents Sentry Pro in the field, where the product excelled at detecting early-stage nymphs.

"The BugScents Sentry Pro trap provides a comfortable crevice harborage, which I have found to be highly attractive to bed bugs particularly nymphs up to the second instar stage."

said Chris Venables of Venables Pest Control.

A London council pest control company, initially using a competitor monitor, saw no bed bug activity. When BugScents Sentry Pro was used, the company detected 70 nymphs, revealing the initial treatment had actually failed.

"Without overstating it, I truly believe this has the potential to revolutionize bed bug monitoring. It's far more effective than anything we've tried before. If adopted more widely, it could change the way we approach bed bug management."

said Michael Marbe, Commercial Pest Team Manager for London Network for Pest Solutions Ltd.