

The Early Detection of Bed Bugs is The Number One Way to Save Time and Money

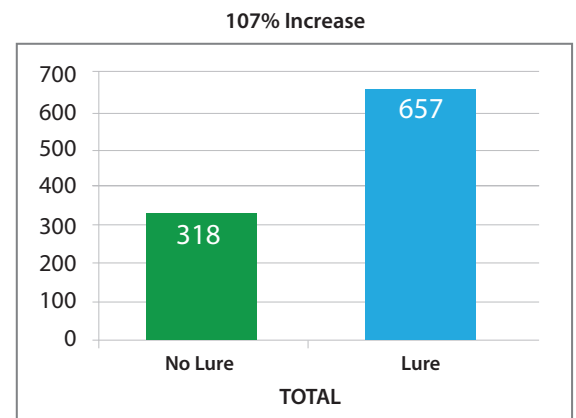


- Activ Volcano™ was proven to detect moderate and high level infestations (greater than 20 bed bugs present) within 24 hours to 2 weeks of monitor installation.
- Activ Volcano will detect 70% of low level infestations (less than 10 bugs) within 4 weeks of installation.
- Each lure packet provides 2-3 months of attractant in normal settings and the patented design increases the chance bed bugs remain trapped inside.
- Activ will increase the amount of bed bugs a trap collects by up to 2-fold (percent increase will differ by infestation and other factors such as previous pesticide application)

No Lure vs. Lure

When tested in the field in its pure form, the SenSci Activ™ bed bug lure increased the catch of interception devices over 100%, confirming that the SenSci Activ bed bug lure developed at Rutgers University is attractive to bed bugs.

Methodology: Lure was placed in vials and the vials were placed in the center well of an interception device. Devices were alternated (interception device with lure and without) every 3-5 feet around the perimeter of bed bug infested homes and furniture. Data was collected and locations of the devices were switched and left for an additional 7 days.



Field Evaluation of ActivVolcano in NJ Apartments

Methodology: Two ActivVolcano's were placed under beds near the head legs of the bed in 29 apartments and left in place for two weeks. Of the 29 apartments, only 1 was suspected to have a bed bug infestation. After two weeks all devices were checked for the presence of bed bugs.

Double the Activ Power: In apartment complexes or a multi-family housing setting, the study suggests that two ActivVolcano™ under each bed near the head-bed legs is effective for detecting most bed bug infestations within two weeks of installation.

Results: Of the 29 apartments, three bed bug infestations were detected by the monitors within two weeks of installation. Of the three infestations detected, one was a high level infestation (over 100 bugs), one was moderate (50 bugs), while the other was low/moderate (roughly 20 bugs). A visual inspection was conducted in all apartments after two weeks and no other infestations were detected – suggesting that the monitors detected all current infestations within two weeks of installation.



BedBug Central

351 Lawrence Station Rd. Lawrenceville, NJ 08648

www.BedBugCentral.com

The Authoritative Source for Information

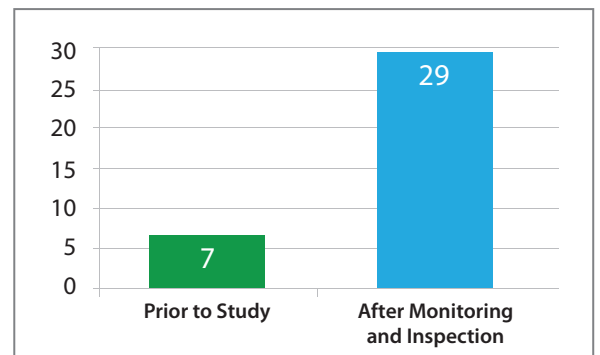
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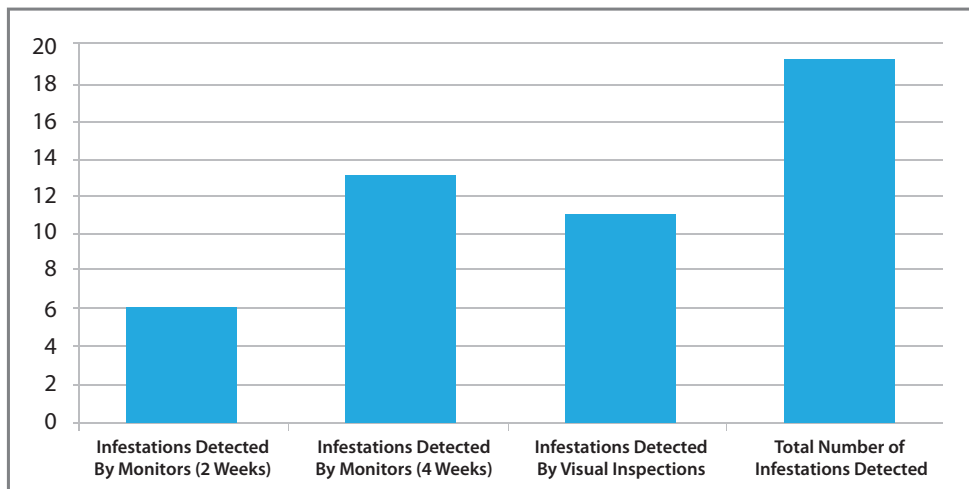
Field-based Study Confirms Effectiveness and Ease of Use of SenSci Volcano and Activ Bed Bug Products

The early detection of bed bug infestations is one of the most important aspects of managing building-wide bed bug infestations and reducing the cost associated with eliminating those infestations. One of the most challenging aspects to date has been finding a method to effectively detect low-level infestations (20 bed bugs or less at the time of first inspection) in a time-efficient manner. In this study SenSci Volcano and SenSci Activ Volcano were evaluated for their ability to detect low level infestations in beds compared with a 15-20 minute visual inspection of the beds. When installed and left in place for 4 weeks, SenSci Volcano and Activ Volcano detected 13/19 low-level bed bug infestations compared to 11/19 detected with a visual inspection. Installing Activ and/or Volcano was much less invasive and labor intensive compared to visually inspecting the bed (assuming an average visual inspection of 15-20 minutes for two people which includes turning over the bed and couches). Due to the ease of use of Volcano and Activ, the efficiency of inspecting the monitors and the ability of the monitors to remain effective without maintenance for at least four weeks, Volcano and/or Activ should be seen as a viable product to proactively inspect homes for the presence of bed bugs.

Total Number of Infestations Detected (Entire Study)



Number of Low-Level Infestations Detected by Monitors Over Time



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