

The Virginia Tech Department of Entomology is world renowned as an expert in the study of Bed Bugs. On June 10-12, 2011, The Virginia Tech Department of Entomology conducted laboratory assays (tests) to evaluate the Bed Bug Slasher Sleep-Safe and Guard-Post Traps.

Summary of test and results:

Adult bed bugs were pulled from colonies and placed in a tightly controlled test environment. Four tests were prepared with 10 adult bed bugs per test. Two tests had only adult male bed bugs and two had only adult female bed bugs.

The bioassays (tests) were initiated at approximately 8:30 PM on June 10 (males) and June 11 (females). The bioassays (tests) were allowed to progress for approximately 14 hours.

These were the combined results of the test over the 2 nights:

% of Bed Bugs caught in Trap or with DE on their body

Bed Bug Slasher	Test Bugs	In Trap or with DE* on Body	Total
Sleep-Safe Unit:	20	17	85%
Guard Post Unit:	20	18	90%

* Diatomaceous Earth (DE) is very abrasive (like broken glass) to Bed Bugs. It is highly effective at scratching or “slashing” away their protective wax-like coat, sticking to them and dehydrating the Bed Bugs until they die. Due to the limited duration of the testing, it was not determined how long it took or to what extent the bed bugs coated in Diatomaceous Earth died.

For the lawyers: The Virginia Tech Department of Entomology conducts scientific laboratory assays and does not typically endorse products. This report does not imply endorsement.