

## Study 69b

### Field Summary

A field study was conducted in bed bug infested apartments located in NJ. Bed bug populations were assessed using interceptors augmented with visual inspection. Test units had 10-300 bed bugs each. The nine test units had the infested bedding and clothes laundered, steam applied to the bed bugs on the mattresses, box spring and bed frame and sofa, zippered vinyl encasements were installed on mattresses that did not have original plastic wrapping or a plastic encasement already installed, and then they were sprayed with Tandem<sup>®</sup> Insecticide. Follow up inspections were conducted at weeks: 2,4,6 and 8 when additional spray and/or steam was applied. The eight controls received steam only. At the end of the trial, there was an 89% reduction in bed bugs in the Tandem treated units compared to a 23% reduction in the controls.