

Study 72d

Field Summary

In Jan, 2018 a single-family home in NJ was found to be severely infested with bed bugs. The residents had been dealing with the bed bugs for 3 years. Initial inspection identified severe infestation in both bedrooms, living room as well as the dining room and some bed bugs were even found in the kitchen, bathrooms and basement.

In Feb, 2018 a PMP firm began the treatment process by vacuuming up visible bed bugs and installing encasements on the beds. Sensi BlackOut bed bug detectors were installed under the legs of all beds and couches in the home. After 1 week, the detectors were inspected and bed bugs counted to establish the initial infestation level. The initial baseline bed bug catch was 2943 bed bugs.

Aprehend® Ready to use was applied per the label directions to the bedroom, living room, dining area, and entryway. Only Aprehend was applied in the home.

Detector catches from 7, 17, and 35 days after treatment revealed a 57%, 55%, and 75% reduction in the bed bug population. Bed bug activity was noted on bedding and mattresses during the study as these areas could not be treated with Aprehend. The home was then fully treated again and the test discontinued.

The Aprehend treatment resulted in a significant reduction in the bed bug population, but like most control products, other bed bug control products are needed to fully control a bed bug population.