

GREENTECH PREVENT EFFICACY STUDY RESULTS

Dr. Jeffrey K. Brown, Ph.D., R.P.E., B.C.E. of the American Academy of Entomological Sciences conducted a series of efficacy studies using various hypotheses from December of 2010 through November of 2011 which included the GreenTech Prevent formulation. These tests were run for a 6 month period of time to determine the efficacy, in the field, of GreenTech Prevent and other formulations of the product. The inspection process over the 6 month period included trained bed bug dogs and handlers, onsite inspections by entomologists and trained inspectors, and monthly inspections of bed bug traps which were in the rooms continuously. The results of these tests conducted by Dr. Brown verified efficacy of GreenTech Prevent. The hotel rooms used in the study were kept in use for the entire 6 month period of the study.

Table 1 (Hospitality Facility)

Room #	Jan	Feb	Mar	Apr	May	Jun
L = living						
<u>M</u> = moribund						
0 = no evidence						
2 GreenTech Prevent	0	0	0	0	<u>M</u>	0
7 GreenTech Prevent	0	<u>M</u>	0	0	0	0
8 GreenTech Prevent	0	0	0	0	0	0
9 GreenTech Prevent	0	0	0	0	0	0
10 GreenTech Prevent	0	0	0	0	0	0
11 GreenTech Prevent	0	0	0	0	0	0
17 GreenTech Prevent	0	<u>M</u>	0	0	0	0
18 GreenTech Prevent	0	0	0	0	0	0
19 GreenTech Prevent	0	0	0	0	0	0

Conclusions:

GREENTECH PREVENT was an effective preventative against bed bugs, *Cimex lectularius*, and six (6) months after application per label directions.

In addition to the Academy's independent testing, GreenTech Heat Solutions conducted laboratory testing and found positive results when bed bugs crawled through various types of fabric which had been previously treated with GreenTech Prevent. The bed bugs died within hours to two days. In every case, the bed bug became very lethargic even though it continued to survive for hours up to two days.

A client of GreenTech Heat Solutions used the GreenTech Prevent in a mobile home which had a severe carpet beetle infestation. The results showed mortality for all carpet beetles coming into contact with fabric (i.e. carpeting, upholstered furniture, etc.) which had been treated with GreenTech Prevent.