

Study 30a

Field Summary

This study involved the application of IPM tools to one bedroom apartment units located in Indiana. Visual inspection was conducted to determine units that had at least 10 bed bugs. The IPM tools used for treatment were; hand removal, encasements, steam, and 0.5% chlorfenapyr spray (Phantom[®] Termiticide-Insecticide). The spray was applied to bed frames, sofas, chairs (undersides and seams) baseboards, floors under beds and infested areas such as infested wheelchairs and curtains. Units were inspected every 2 weeks for 10 weeks with additional steam and spray applied as needed. The per cent reduction of bed bugs averaged about 75% at the 2 week point and 90% by the end of the study. Five units had no apparent bed bugs at the end of the study.