

Study 42b

Laboratory Summary

A laboratory study was conducted using bed bugs, (Indy and Irvington strain) that were moderately resistant to deltamethrin to evaluate DeltaDust® used to control bed bugs. Only the brief exposure test used both Indy and Irvington bed bugs. Other tests were completed with Irvington bed bugs only.

In a brief exposure test, bed bugs were allowed to cross a 2.54 cm band of dust that was applied to a cardboard panel and the resulting mortality read for 21 days.

The brief exposure resulted in 2 and 20% mortality at 1 and 10 days after exposure of Indy bed bugs to DeltaDust and 18 and 20% mortality for at 1 and 10 days after exposure to Irvington bed bugs.