

Study 71a

Laboratory Summary

A susceptible ICR lab strain of bed bugs was used to evaluate the performance of residual insecticides in the laboratory. Third instar nymphs were used in these tests on the growth regulator Gentrol. Both sides of filter paper strips were sprayed at 3x the label rate of Gentrol® Aerosol and mortality of bed bugs was read 7 weeks later.

Gentrol resulted in 72–98% of the nymphs molting to adults by week 5 with no molting delay. There was considerable (66-100%) mortality among these adults.