

## Study 24e

### Laboratory Summary

Four bed bug strains were used to measure mortality following exposure to MotherEarth™ D dust. Stain CIN-1 and NY-1 were previously determined to be highly resistant to pyrethroids. LA-1 was moderately susceptible to pyrethroids and Fort Dix was susceptible to pyrethroids. Adult bed bugs (3 replications of 20 bed bugs) were continuously confined to black filter paper treated with the test dust and mortality recorded daily. MotherEarth D exposure resulted in >90% mortality to bed bugs from all 4 strains within 4 days and 100% after 10 days.