



Green Bed Bug Solution for Hotel & Lodging

“I am in the hospitality industry and have used this product for bed bug scares over and over and over. It’s the only product I trust and it gets the job done right, every time.”

**– Rahul Patel, General Manager
Comfort Inn West, Little Rock, AR 72205**



EcoRaider bio-insecticide is the #1 green, natural bed bug solution for hotels, resorts and cruise lines. It is the only natural product that kills 100% of bed bugs, according to Rutgers University’s independent study, published by Entomology Society of America.

EcoRaider®

Fast, Effective, Lasting and Green

www.ecoraiderpmp.com · info@ecoraiderpmp.com · Tel: (201) 751 0011



Green Bed Bug Solution for Hotel & Lodging

Hotels are very transient environments, the opportunity for a bed bug infestation is always there. Once brought-in, a female bed bug can quickly grow into a colony and a severe infestation in a short period of time. Bed bugs can also travel from room to room with eggs being spread throughout the building.

Having reliable bed bug control before and after an infestation is vital. EcoRaider provides an effective and eco-friendly bed bug solution without big cost and disruption on room serviceability. Management can use EcoRaider for both preventative use and eradication treatment. It gives the convenience of incorporating the application into the daily routine of housekeeping while providing effectiveness that outperforms pesticides.

The only natural product that kills 100% of bed bugs among all tested.

— Rutgers Independent Study published on Journal of Economic Entomology, Vol 107, No.6, Entomological Society of America

#1 Bed Bug Lethal Weapon

- ▶ Instant results with immediate elimination.
- ▶ 100% high killing efficacy.
- ▶ Kills all stages inclusively also eggs.
- ▶ Extended protection with two-week residual.

Research backed

- ▶ Supported by Rutgers Univ. independent study.
- ▶ Tested by Washington Univ. in lab and field.
- ▶ Featured in multiple research journals.
- ▶ Backed by USDA IR4 PHP program data.

Hotel & Lodging Friendly

- ▶ Can be used by housekeeping or maintenance.
- ▶ Use for both preventative and eradication.
- ▶ Handle with discretion and minimal commotion.
- ▶ Minimum interruption on room serviceability.

Outperforms Pesticides

- ▶ Superior kill-rate than most pesticides.
- ▶ #1 effectiveness among all natural insecticides.
- ▶ Most effective among all insecticides in killing eggs.
- ▶ Uncompromising against resistant bed bugs.

Safe, Green and Ecofriendly

- ▶ Non-toxic and minimum risk green formula.
- ▶ No staining on linens, bedding and furnishings.
- ▶ Safe around guests including children and pets.
- ▶ Fast dissipating pleasant natural scent.

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Is My Bed Bug Treatment Effective?



Study Shows How Feeding Availability Helps Bed Bugs in Detoxing

Rutgers University studied the impact of blood feeding to the effectiveness of insecticides and discovered that the effect of post-treatment feeding on bed bug mortality varied among different insecticides.

“The increased tolerance in large bed bug nymphs and adult males to insecticides after feeding suggests the role of feeding in stimulating detoxification enzymes responsible for insecticide resistance.”

In natural environments, bed bugs have daily access to hosts after they are exposed to insecticides. A post-treatment feeding significantly reduced bed bug mortality.

— Reference: *Posttreatment Feeding Affects Mortality of Bed Bugs (Hemiptera: Cimicidae) Exposed to Insecticides*, Narinderpal S. et al., Dept of Entomology, Rutgers University, *Journal of Economic Entomology*, Oct., 2015

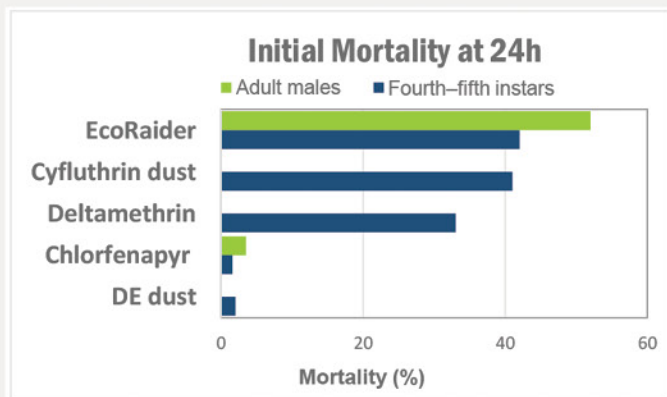
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Is My Bed Bug Treatment Effective?

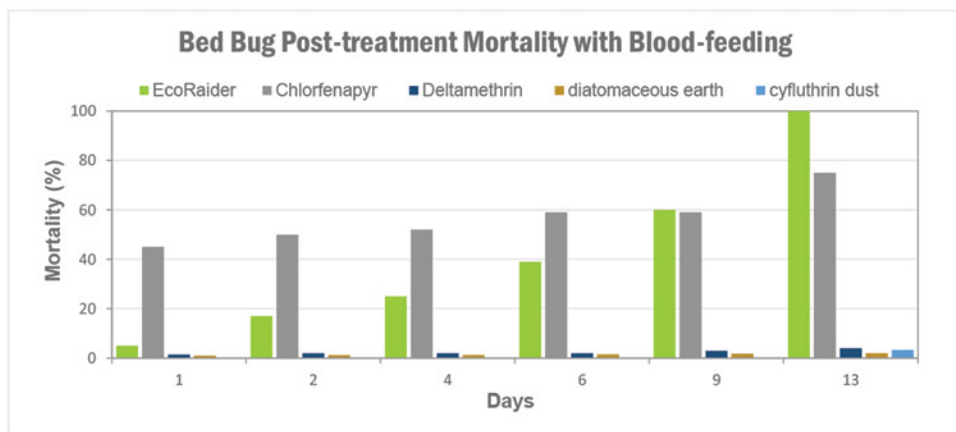
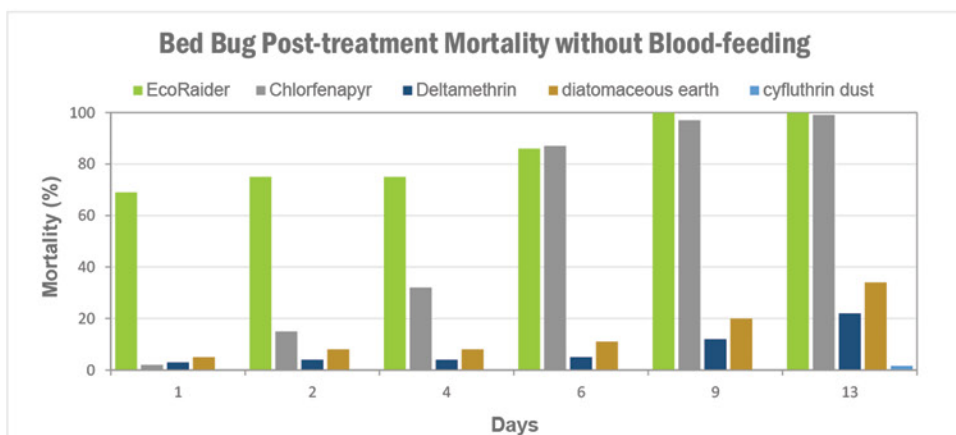


The study started with two bed bugs field strains, Indy strain and Bayonne strain, directly treated with selected pesticides. Their initial mortality after 24 hours is shown on the left for each pesticide.

The surviving bed bugs were then split into two groups — blood feeding and non-fed. The impact of blood feeding to the effectiveness of insecticides was evaluated. The result showed that the effect of post-treatment feeding on bed bug mortality varied among different insecticides.

“EcoRaider acted as a relatively fast-acting insecticide.”

— Narinderpal S. et al., Rutgers University, *Journal of Economic Entomology*, Oct., 2015



The Rutgers study indicates:

- ▶ Post-treatment blood feeding has significant impact on the performance of many insecticides.
- ▶ A recent blood meal increases levels of detoxifying enzymes to become more resistant.
- ▶ PMPs should choose a right tool that is less affected by detoxification.
- ▶ Post-treatment does not affect EcoRaider's final mortality.
- ▶ EcoRaider shows the highest in final mortality among all tested in fed and non-fed groups.

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