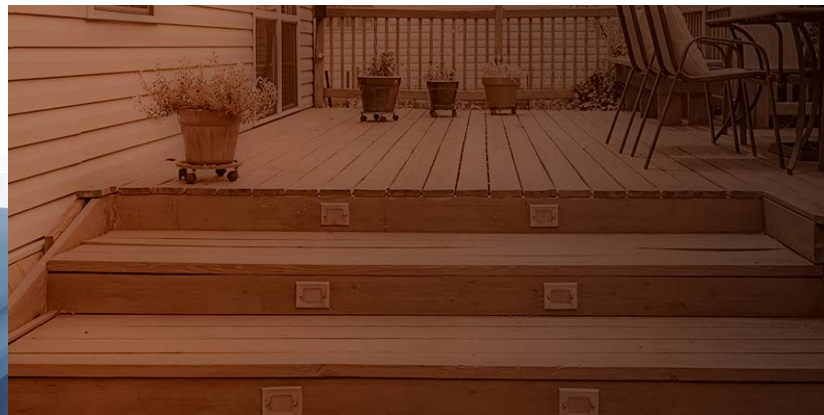




BED BUGS, ANTS, ROACHES & GENERAL PEST CONTROL

ER-22TM CONCENTRATE & RTUTM

- ▶ Plant-Extract Based & 25B Exempt
- ▶ Adulticide + Ovicide
- ▶ Combats Resistance Issues
- ▶ Better Performance, Higher Productivity!



EcoJenger[®]
Formerly as **EcoRaider[®]**

Fast, Effective, Lasting and **Green.**

Highly Efficacious

- ▶ Fast kill, high mortality and assured results
- ▶ Unrivalled efficacy against eggs and resistance
- ▶ Immediately cuts down infestation activity
- ▶ Effective on all stages inclusively
- ▶ Outperforms traditional pesticides

Green & Natural Ingredients

- ▶ Minimum risk and low environmental impact
- ▶ Minimum prepping and no vacating
- ▶ No signal word and no warning
- ▶ Pet and child friendly
- ▶ Use in all environments, even sensitive accounts

Extended Residual Control

- ▶ Lab & Field proven residual control
- ▶ Dry residual lasts for 2-4 weeks
- ▶ Extended control on newly hatched
- ▶ Continually cuts down future activities
- ▶ Reduces revisits and call-backs

Highly Versatile

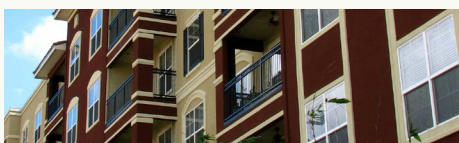
- ▶ Low-odor and non-staining
- ▶ Safe on all furnishings including mattresses
- ▶ Use alone or in conjunction with other methods
- ▶ Return premises back to service quickly
- ▶ Compatible with all IPM programs

CAN BE USED IN ALL ENVIRONMENTS, EVEN **SENSITIVE ONES**

"Sensitive" accounts can often be difficult to treat efficiently. Because EcoVenger® is a low-risk, low-odor and a non-staining formula, it can be applied anywhere. For use in schools, daycares and any other sensitive environments. No prior notification is necessary. Your "sensitive" accounts can be treated effectively with a green, botanical product.



HOMES



APARTMENTS



HOTELS / MOTELS



COLLEGE DORMS



NURSING HOMES



OFFICE BUILDINGS



DAY CARE CENTERS



HOSPITALS / MEDICAL



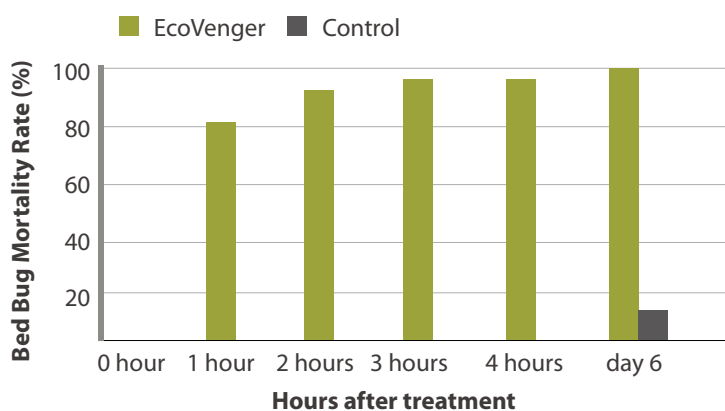
PUBLIC TRANSPORT

BED BUGS

- ▶ Adulticide + ovicide
- ▶ Combats resistance issues
- ▶ Better Performance, higher Productivity



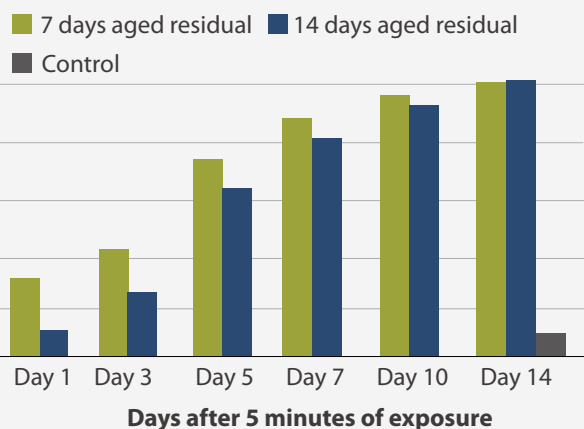
Direct Spray Mortality ¹



- ▶ 80% - 90% control within 1 hour.
- ▶ Kills all bed bug stages: adults, nymphs and eggs.
- ▶ Sure kill with 100% mortality.
- ▶ No compromising on resistant populations

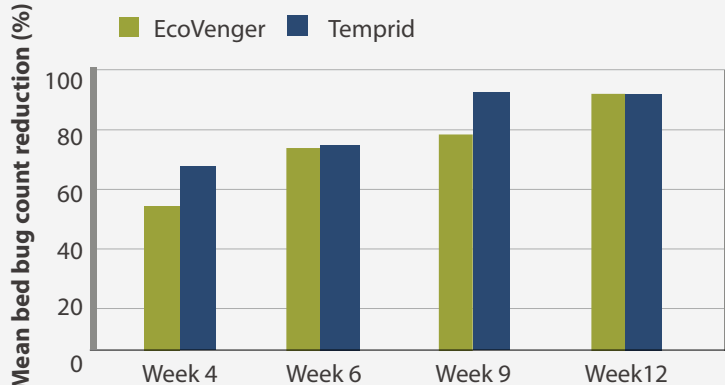
*1, 2: Data provided by Rutgers University.

Dry Residual Mortality ²



- ▶ Proven 14 days residual activity.
- ▶ 97.5% mortality after 5 min exposure on 14-day dried residual.
- ▶ More than just a contact killer and it is green!

Bed Bug Reduction in Apartment Complex ³

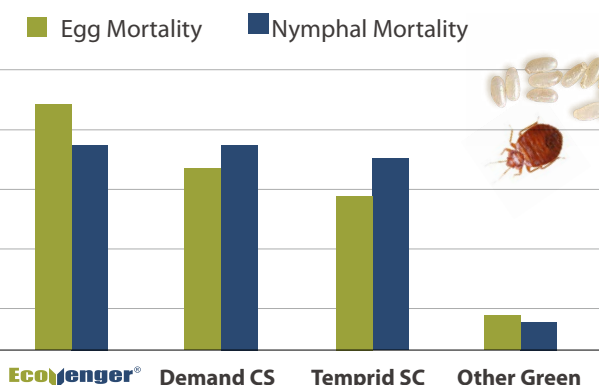


USDS IR4 field study in a housing complex proven:

- ▶ Similar initial control results as Temprid.
- ▶ Similar bed bug reduction rate.
- ▶ Comparable performance as Temprid against bed bugs.
- ▶ "Most advantageous in sensitive environments."

*3. Data provided by USDA IR-4 Public Health Pesticide Program

Bed Bug Egg Mortality



Entomological Society of America Journal Publication:

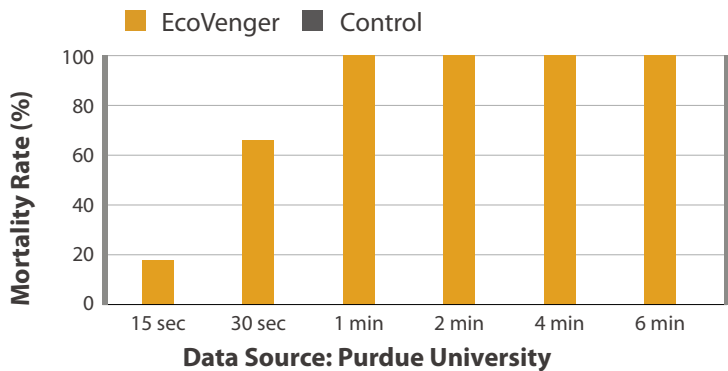
- ▶ "Only EcoVenger caused high-level egg mortality at 14 days after treatment."
- ▶ "EcoVenger was significantly more effective than Temprid SC and Demand CS" in killing bed bug eggs.

ANTS

- ▶ Immediate and fast Mortality
- ▶ Disrupts trails and prevents regrouping
- ▶ Extended prevention for 4 weeks and beyond



Efficacy Against Odorous House Ants

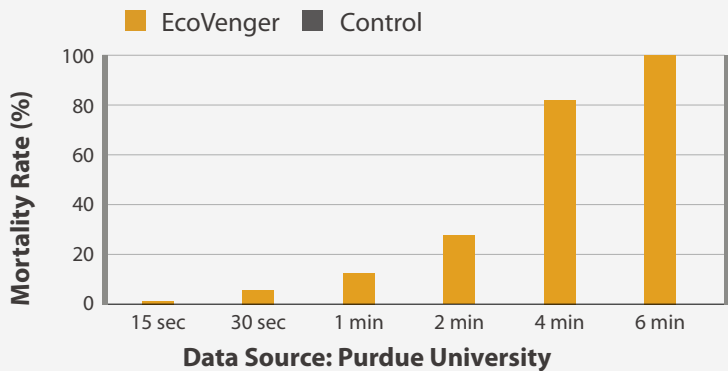


Control Odorous House Ants



- ▶ Demonstrates immediate killing efficacy against Odorous House ants.
- ▶ 100% mortality in one minute without recovery.

Efficacy Against Red Fire Ants

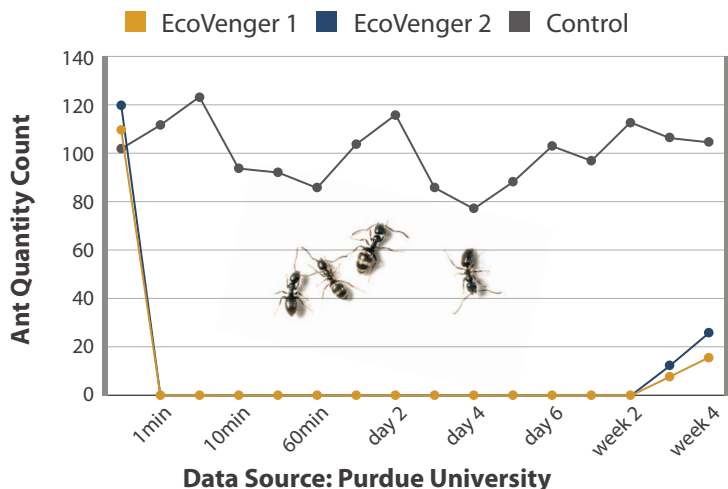


Control Fire Ants



- ▶ Demonstrates fast killing efficacy against Fire Ants.
- ▶ 100% mortality in 6 minutes.

EcoVenger Treated Ant Trails



Effective Ant Control with Lasting Prevention

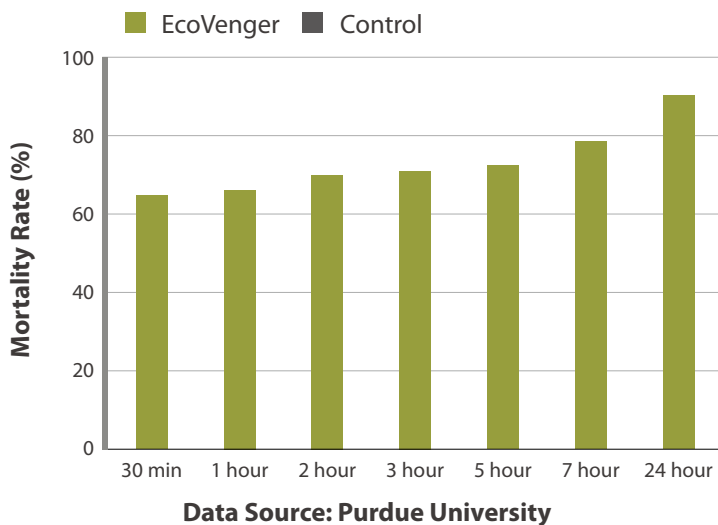
- ▶ A field study was done on building perimeter infested with Odorous House Ants.
- ▶ The study indicated that in the first minute EcoVenger immediately eliminated all of the existing Odorous House ants.
- ▶ Both EcoVenger treatments had no ants for 4 weeks.
- ▶ Areas not treated with EcoVenger had prevailing ant activity.

ROACHES

- ▶ Immediate and fast Mortality
- ▶ Deters roaches from treated areas
- ▶ Use as flushing agent
- ▶ Cuts down overall roach activity



EcoVenger Vs. German Cockroaches

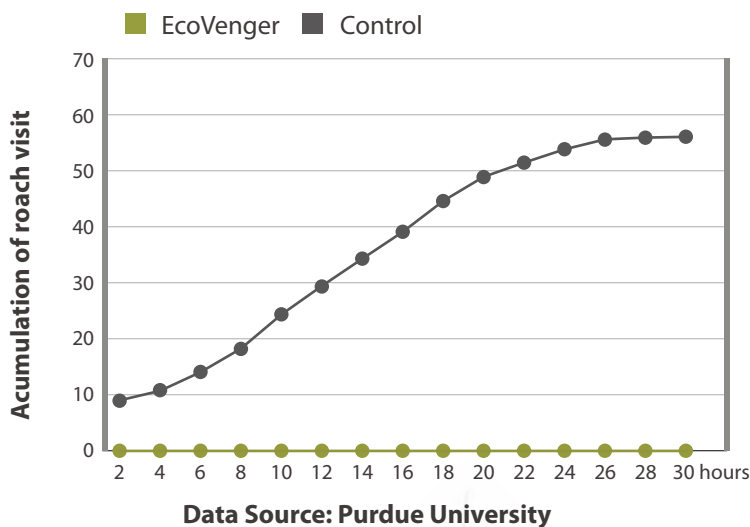


Kills Roaches on Contact

- ▶ Penetrates roach's cuticle.
- ▶ Fast kill rate and high mortality.
- ▶ Thorough kill with no recovery.



German Cockroaches: Repellency



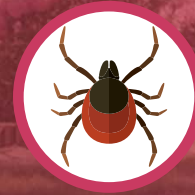
A Flushing Tool With Lasting Repellency

- ▶ Cuts down overall roach activity.
- ▶ Deters roaches from treated areas.
- ▶ 30 day dry residual for prevention.

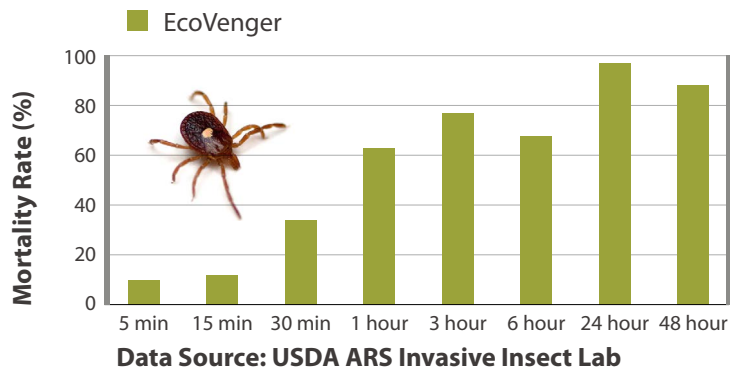


OTHER INSECT SPECIES

- ▶ Ticks ▶ Crickets ▶ House Flies
- ▶ YellowJackets ▶ Silverfish ▶ Whiteflies

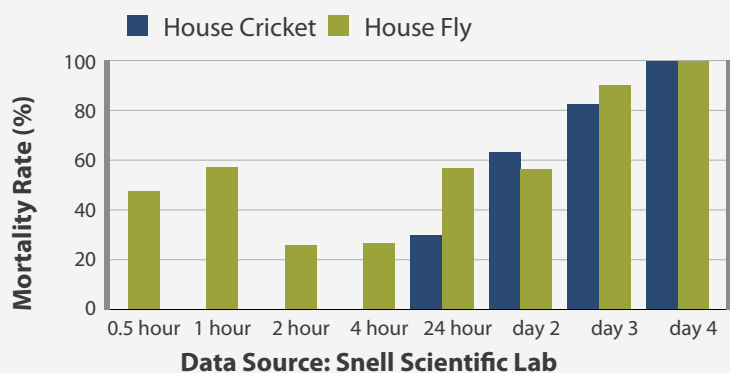


Lone Star Ticks (*Amblyomma Americanum*)



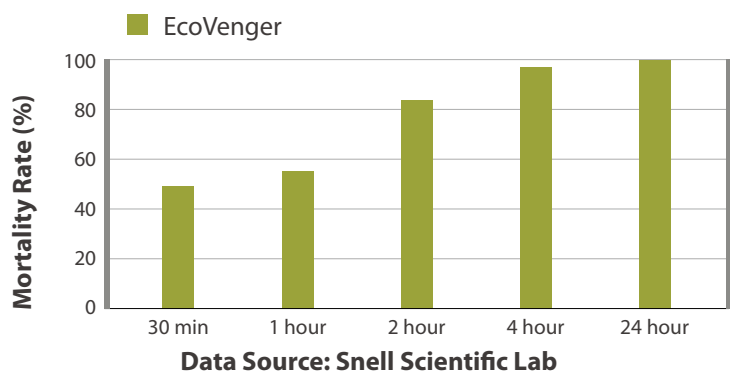
- ▶ Only one spray was applied on the ticks in the study.
- ▶ 60% mortality within 1 hour.
- ▶ Close to 100% mortality in 24 hours.
- ▶ Residual on cattle hair caused 82% mortality in 24 hours.
- ▶ Residual on glass vial caused 100% mortality in 24 hours.

House Crickets & House Flies



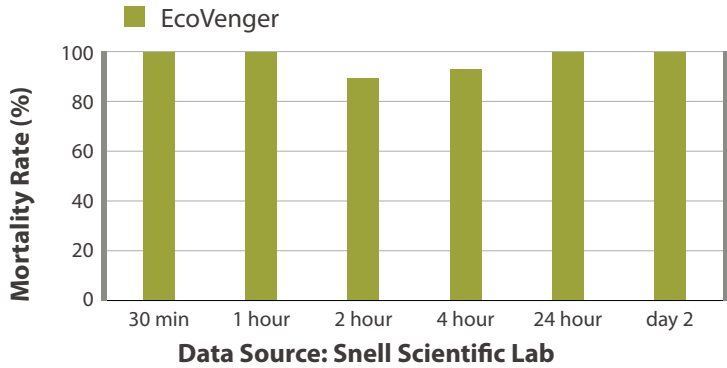
- ▶ RTU 1/10 dilution (equivalent to ER-22 1/20 or 6OZ/ gallon dilution) was used.
- ▶ Quickly knocks down house flies and able to cause 100% mortality.
- ▶ Able to cause 100% mortality on house crickets.

Yellowjackets (*Vespinae spp.*)



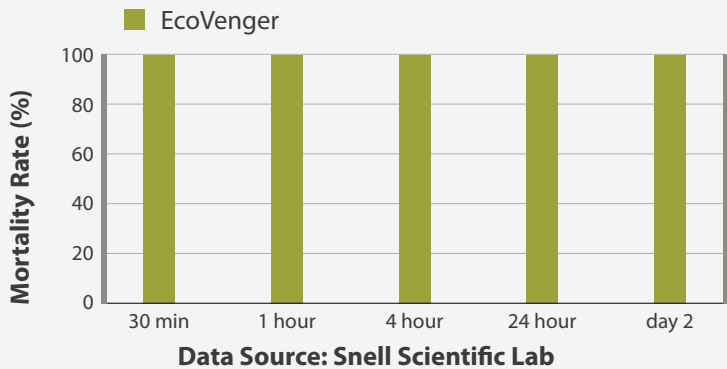
- ▶ EcoVenger (EcoRaider) RTU was used for the study.
- ▶ Show LD50 in 30 min and LD90 in two hours on yellowjackets.

Silverfish (*Ctenolepisma Longicaudata*)



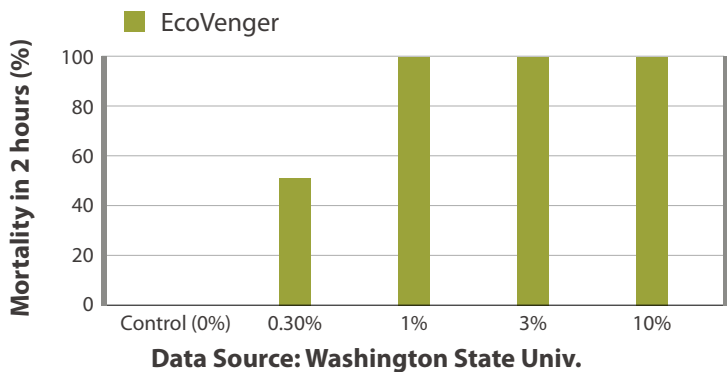
- ▶ RTU 1/10 dilution was used for the study (equivalent to ER-22 6OZ/gallon or 1/20 dilution).
- ▶ Highly effective on Silverfish.
- ▶ Quick and thorough elimination.
- ▶ Quickly kills 100%.

Silverlead Whiteflies (*Bemisia Argentifolii*)



- ▶ RTU 4OZ/gallon (equivalent to ER-22 2OZ/gallon).
- ▶ Highly effective on Whiteflies.
- ▶ Quick and thorough elimination.
- ▶ Kills 100% immediately.

Two-Spotted Spider Mites (*Tetranychus Urticae*)



- ▶ Highly effective in controlling TSSM
- ▶ 50% Mortality at 0.3% strength of RTU (300 Times Dilution by water).
- ▶ Eliminated 100% at 1% strength of RTU (100 times dilution by water).



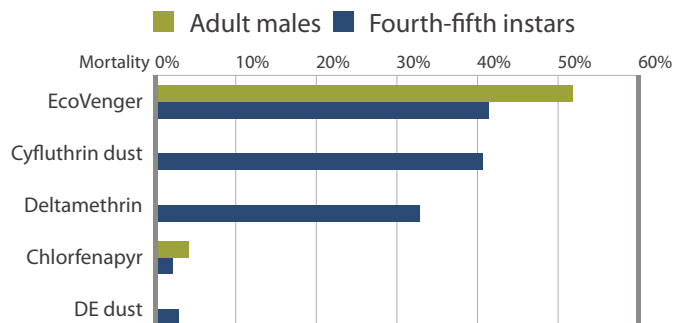
NOT JUST ANOTHER GREEN BUG SPRAY

Highly efficacious on all stages, including the pesticide-resistant populations.

EcoVenger vs. Common Pesticides on Field Bed Bugs

- ▶ Rutgers University Independent study.
- ▶ EcoVenger (EcoRaider) tested alongside with Deltamethrin, Chlorfenapyr, Diatomaceous earth, and pyrethroids against field collected bed bugs.
- ▶ EcoVenger (EcoRaider) demonstrates the quickest and highest mortality in 24 hours.

Product Efficacy Against Bed Bugs in a Direct Spray Bioassay



Data Source: Rutgers University, published in Journal of Economic Entomology

FIELD PROVEN PERFORMANCE!

“ We were using conventional chemical products – we tried many things and none were getting it under control and we were treating every two weeks. Once we started using EcoRaider we saw a difference immediately...I’d say within a few weeks we saw a drastic reduction in the bed bug population. We haven’t seen a bed bug in the shelter itself in months – at this point we are spot treating every two weeks with EcoRaider and it’s working incredibly.”

— Michele Cruzat, Bed Bug Operations Manager, Eden Advanced Pest Technologies, Seattle, WA

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Formerly as **EcoRaider®**