



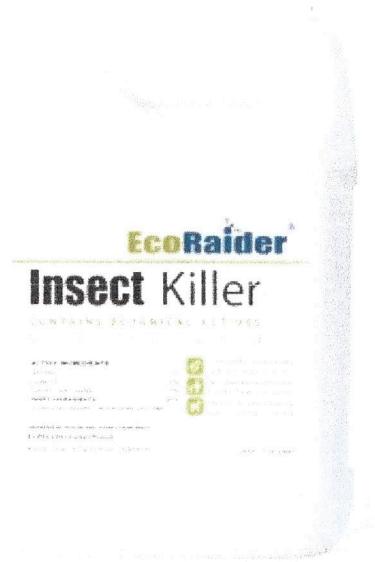
ECORAIDER® INSECT KILLER RTU



EcoRaider® Insect Killer RTU is a plant based broad-spectrum bio-insecticide. It effectively controls bed bug's and other pest insects' defense and resistance mechanism quickly and irreversibly. The ready-to-use (RTU) formula is optimized to achieve the highest efficacy and maximize residual effectiveness, which is proven by lab research and field studies.

EcoRaider® Insect Killer RTU is a minimum risk pest control product under EPA regulations. It carries no signal words or cautions, has no label restrictions or precautions on usage, and is a green product, making it an ideal fit for sensitive accounts and environments where low-impact methods are advised. It can be used alone as primary treatment method or part of any IPM program and be used in various settings, including schools, health-care facilities and public spaces.

EcoRaider® Insect Killer RTU currently comes with two packaging size: 16 oz bottle with spray applicator and 1 gallon jug.



Product Key Features

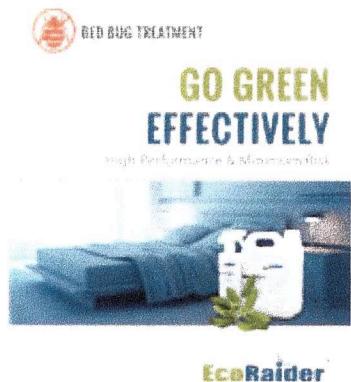
- **Kills all bed bug stages on contact: adults, nymphs and eggs.**
- **No compromising on resistant populations.**
- **Lab reported 14-day Residual Activity.**
- **Low-odor and non-staining.**
- **Pets and children friendly.**



SDS Sheet



User Instruction Label



Brochure: Bed Bug Treatment



Brochure: Perimeter Ant Control



Find Distributors



Test (RTU) for Free!



Meet Our Reps in Your Area!



1 of 18

[View on SlideShare](#)

Product Presentation for Professionals (Slide Show)

EcoRaider Professional o...



How to exterminate bed bu...



EcoRaider, Go Green Effectively!

Presenting EcoRaider at PestWorld,
Oct. 2015, Nashville, TN.

User Instruction Video

Step by Step instruction of how to use
EcoRaider to its best performance.

FAQ

Is EcoRaider safe for use around infants, the elderly, and pets? Is it necessary to vacate either before or after treating with EcoRaider?

Yes! EcoRaider has minimum risk for using around all vertebrates – people, pets, fish and birds. There is no need to vacate either before or after using EcoRaider.

Does EcoRaider have any odor?

EcoRaider has low odor. There is slight natural woody scent from botanical extracts. Odor dissipates in 1-2 hours.

Will EcoRaider freeze in cold weather? Does freezing affect its performance?

EcoRaider is a water based emulsion which may freeze when temperatures drop below freezing. Simply thaw by placing container in warm water or leave at room temperature. Do not use unless EcoRaider is back to room temperature. Shake well before use. Freezing and thawing will not affect EcoRaider's performance.

Can I spray EcoRaider directly on bedding and linen?

Yes. EcoRaider can be used directly on bedding and linen, because all the ingredients are of minimum risk to people and pets and are in compliance with FDA GRAS (Generally Recognized as Safe) standards.

Will EcoRaider damage the finish on furniture or wood floors?

No. EcoRaider does not contain any corrosive solvents or harsh chemicals; it will not cause damage on regular paint or wood finishes. For surfaces of special concern, test on small inconspicuous spot before use.

Can I spray EcoRaider into electrical outlets?

Since EcoRaider is a water based solution, it should not be sprayed into or in close proximity to active electrical outlets.

Will EcoRaider cause staining?

EcoRaider will not cause staining under normal use. However certain naturally derived substance in this product may cause slight discoloration on delicate surface such as silk or certain dark color textile materials, it is recommended to test on small area before the treatment. If discoloration happens, it is removable using household detergent or cleaner.



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EcoRaider is
The only
natural
product that
kills bed bugs
on contact
with 100%
efficacy.

– Journal of Economic
Entomology, 2015, Vol 107,
No.6

 Get 16 OZ Bottle

 Get 1 Gallon Jug



Fast and Sure Kill

EcoRaider® has fast and sure action by direct spray which has been proven by both university lab and field research.

- Broad spectrum bio-insecticide
-  **Rutgers University test report**: 80-90% control of bed bug within 1 hour.
-  **Purdue University test report**: Killed 100% ants in 1 minutes.
- Kills other insects effectively, e.g. flies, silverfish, fleas and ticks, etc...
- Kills all stages inclusively: adults, nymphs & eggs
-  **See lab documentary how bed bugs dye after one puff of EcoRaider® spray**



Extended Protection

EcoRaider® is not just a contact killer, its residual provides extended efficacy even after it has dried.

According to Rutgers University's study, EcoRaider® residual can provide **14 days of extended protection.**

See 7-day and 14-day aged dry residual activity

 **data**

- Dry residual kills bed bugs effectively even 14 days after spraying .
- Residual not only kills bed bugs gradually but irreversibly.
- 97.5% of exposed bed bugs die in 2 weeks after exposure.
- EcoRaider® residual inhibits bed bugs feeding and reproductive activity.



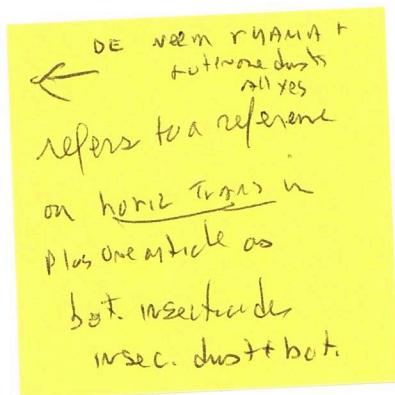
Proven Uncompromising Performance

Journal of Economic Entomology Vol 107, 2014: EcoRaider® was the only natural product providing 100% efficacy on contact against bed bugs , it's effectiveness is similar to or outperforms leading synthetic chemical pesticides.

Pest Control Technology, March, 2013 issue: EcoRaider® is the NO.1 product for bed bug among all 9 natural products tested and compared.

USDA IR-4 Public Health Pesticide project published Oct 2014: EcoRaider demonstrated similar field performance comparing to top synthetic professional pesticides in housing complex bed bug management.

1 *Insects* 2015, 6; 13 manuscripts; doi:10.3390/insects609001
 2 OPEN ACCESS
 3 **insects**
 4 ISSN 2075-4450
 5 www.mdpi.com/journal/insects
 6 Review
 7
 8 **Insecticide Resistance and Management Strategies in Urban**
 9 **Ecosystems**
 10 Fang Zhu^{1,2,*}, Laura Levine³, Sally O’Neal⁴, Mark Levine⁵, Carrie Foss⁶ and Douglas Walsh⁷
 11 ¹ Irrigated Agriculture Research and Extension Center, Washington State University, Prosser, WA
 12 99340, USA, E-Mail: fang.zhu@wsu.edu; soneal@wsu.edu; dwalsh@wsu.edu
 13 ² Department of Entomology, Washington State University, Pullman, WA 99164, USA, E-Mail:
 14 tianzhu@wsu.edu; Levine@wsu.edu; mark.levine@wsu.edu
 15 ³ DowAgroResearch and Extension Center, Washington State University, Pullman, WA 99332, USA;
 16 E-Mail: claw@wsu.edu
 17 * Author to whom correspondence should be addressed; E-Mail: fang.zhu@wsu.edu;
 18 Tel.: +1-509-335-0400; Fax: +1-509-335-1009.
 19 Received: Accepted: Published:
 20
 21 **Abstract:** The increased urbanization of a growing global population makes imperative the
 22 development of sustainable integrated pest management (IPM) strategies for urban pest
 23 control. This emphasizes pests that are closely associated with the health and well-being of
 24 humans and domesticated animals. Consequently, there are regulatory requirements enforced
 25 to minimize inadvertent exposure to insecticides in the urban environment. Development
 26 of insecticide resistance management strategies in urban ecosystems involves understanding
 27 the status and mechanisms of insecticide resistance and reducing insecticide selection
 28 pressure by combining multiple chemical and non-chemical strategies. In this review, we
 29 will focus on the commonly used insecticide and molecular and physiological mechanisms
 30 underlying insecticide resistance in six major urban insect pests: house fly, German
 31 cockroach, mosquito, red flour beetle, bed bug, and head louse. We will also discuss several
 32 approaches that may prove promising for future urban IPM programs.
 33
 34 **Keywords:** IPM, IRM, insecticide resistance mechanisms, molecular markers, genetically
 35 modified insects, RNA-based insecticides, biopesticides



Lethal... but Minimum Risk

EcoRaider® is lethal to targeted insects but safe for humans and pets. This is because of its unique mode of action.

Most conventional pesticides (such as pyrethroids) work through attacking sodium channels which are commonly present in the nervous system of all insects, animals and humans, thus “each insecticide can pose a different level of risk to non-target insects, people, pets and the environment” according to National Pesticide Information Center.

EcoRaider® attacks a unique receptor called Octopamine that only exists in insects and other invertebrates, therefore distinguishes between target insects and non-target humans and pets.

EcoRaider® is categorized by EPA as
“minimum risk pest control product”,
and is **safe to use around children and pets**.



Child and Pet Friendly

EcoRaider®’s ingredients are in compliance with FDA GRAS (Generally Recognized as Safe) standard.

- Child & pet friendly
- Sensitive skin friendly
- Furniture friendly
- Easy to use



Green and Sustainability

Made by organically extracted botanical insecticidal compounds:

100% Bio-degradable.

Green & sustainable.

NO toxic chemicals.

NO water or soil pollution.

NO toxic foot print in ecosystem.



EcoRaider Bed Bug Killer 16 OZ

The best non-toxic bed bug killer, USDA IR4 program proven.

\$19.95

Get 16 OZ Bottle

Get 1 Gallon Jug



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