



Instruction guide and important product and safety warnings. Please read this guide and save for future reference. Do not discard.

BUGNAPPER®

WARNING

This product is not a toy. Adult supervision is required for children. It is possible to catch stinging insects with this product.

Introduction:

Tired of always having to purchase live insects to feed your reptiles? Want to vary the diet (as in nature) of what you feed your reptiles? Need to collect insects for your hobby or school project? Zoo Med's new BugNapper® is the answer! Simple and fun to use while providing a varied diet for your reptiles or hours of hobby fun for yourself or supervised children.

How does it work?

Many nocturnal flying insects use the moon as a reference point to maintain a level flight path. The UVA rays from the special lamp in the BugNapper appear like the moon to these bugs and so they focus on it (just like the moths that circle porch lights at night). Since in nature they could never actually get to the moon, when they fly past it they are confused and double back. Eventually they will circle close enough to actually fly into the chamber. They will bump into the lamp or the inside of the chamber, fall, and be funneled into the collection cup at the bottom. The small opening in the funnel makes it difficult for bugs to escape once they have passed through it.

Assembly and Use:

Please read all instructions before using the BugNapper®. Check to ensure that all parts are included, and contact Zoo Med Laboratories if anything is missing, or if anything in this manual is unclear.

The BugNapper includes:

- 1 collection cup assembly with insert and 2 funnels
- 1 main housing/chamber
- 1 compact fluorescent "bug lamp"
- 1 carrying lid for collection cup

The BugNapper comes mostly assembled in the package, but disassembling it will help to familiarize you with the parts, as well as verify that they are all present. The funnels nest in the center of the collection cup insert, and the whole collection cup assembly screws onto the bottom of the main chamber. To insert the lamp simply remove the collection cup to gain access to the main chamber, and push the lamp's base into the receptacle. To remove the lamp just gently pull it out. Replacement "bug lamps" and other parts are available from Zoo Med.



To use:

The BugNapper should be hung by the ring on the top, using rope or chain. Hang the BugNapper in a protected location so that it will not be exposed to rain, direct sun, or high winds, and plug it in. Placing the BugNapper in a location with the least amount of ambient light will yield the best catch. You can select the size of the bugs that will be caught by adding or removing the funnels from the collection cup insert (experiment with them all to find what works best in your area). Do not leave the lamp on 24 hours a day, but switch it on at night, when it will catch insects and then off again when you empty the collection cup in the morning. When you remove the collection cup with bugs inside you can use the included carrying lid to ensure that they don't escape.

Important Safeguards

When using electrical appliances, basic safety precautions should always be followed, including the following:

- Please read all instructions.
- To protect against a risk of electric shock, do not immerse cord, plug, or base unit in water or other liquid.
- **WARNING:** Close supervision is necessary when any appliance is used by or near children.
- Unplug from outlet when not in use, before putting on or taking off parts, and before cleaning.
- Do not put fingers or objects into the BugNapper. Do not use with any openings blocked.
- Always be sure the collection cup is securely in place before operating.
- Do not operate any appliance with a damaged cord or plug or after the appliance malfunctions or is dropped or damaged in any manner. Return the appliance to Zoo Med for examination, repair, or electrical or mechanical adjustment. Or, call the appropriate phone number listed on the cover of the manual.
- The use of accessory attachments not recommended or sold by the appliance manufacturer may cause fire, electric shock, or injury.
- For outdoor use only.
- Do not use the bugnapper for other than intended use.
- Do not abuse the cord. Never carry the BugNapper by the cord or yank the cord to disconnect it from an outlet; instead, grasp the plug and pull to disconnect.
- Do not operate this appliance in the presence of explosive and/or flammable fumes.
- This product is for household use only and not for commercial or industrial use. Use for anything other than intended will void the warranty.

Save these Instructions

Polarized Plug (120V Models Only)

This appliance has a polarized plug – one blade is wider than the other. To reduce the risk of electric shock, this plug will fit into a polarized outlet only one way. If the plug does not fit fully into the outlet, reverse it. If it still does not fit, contact a qualified electrician. Do not attempt to defeat this safety feature by modifying the plug in any way.

Warnings:

While not likely, it is possible that venomous, or otherwise dangerous, creatures could be caught by the BugNapper. Zoo Med advises extreme caution when dealing with bees, wasps, and other potentially hazardous “bugs”, and assumes no liability for injury, damage, etc. caused by such creatures. Consult a field guide or local expert to determine what kinds of “bugs” might be dangerous in your area.

Not all bugs make good food for your pets. Some, like fireflies, are toxic, and can be harmful if ingested. Again, consulting a good field guide or local expert will help to avoid problems. If you are unsure about a particular bug it is better to be safe and not feed it.

If you feed your pets bugs collected in an area where pesticides are being used it is possible that the bugs could pass those toxins along to your pet. Use of any bugs, for any purpose, under any circumstances is solely at your own risk.

The BugNapper is not a toy. Children using the BugNapper should do so under adult supervision.

BUG BASICS:






Any bug with large mandibles (jaws), like many beetles, can inflict a bite if handled improperly. Use caution with such bugs. Bright colors often indicate that a creature is toxic or stinging. Consult a field guide for specifics. Some dangerous bugs (to you or your pet) include:

- 1. Wasps 
- 2. Bees 
- 3. Hornets
- 4. Some Beetles (Tiger Beetles, for example, will pinch) 
- 5. Spiders (spiders may enter or hang around the BugNapper to catch other bugs) 

Some bugs may not be suitable for feeding to pets because of natural toxins in their bodies. If you are unsure about a particular species of bug DO NOT feed it to your pets. Some bugs that are toxic include:

- 1. Fireflies and some other Beetles 
- 2. Ladybugs 
- 3. As mentioned above, bright colored or luminescent creatures may be toxic, so consult a book or expert.

There are tens of thousands of bug species that could potentially be caught in the BugNapper (10,500+ moth species in N. America alone) so it is impossible to provide very specific information. There are always exceptions, but some general categories of bugs that can make good food include:

- 1. Most Moths 
- 2. Flies 
- 3. Midges
- 4. Crane Flies 
- 5. Grasshoppers 
- 6. Gnats 
- 7. Many Small Beetles (June Bugs, etc.) 

Questions?

USA/Canada 1-888-496-6633
1-805-542-9988
E-mail: zoomed@zoomed.com
Europe: Tel: +32 475 76 3663
Europe E-mail: info@zoomed.eu

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