



BED BUGS

THE SILENT PLAGUE

www.midwestbedbugservices.com

MIDWEST BED BUG
SERVICES  



A Step By Step Look at Bed Bugs

Bed Bug Overview

1. A Little History of Bed Bugs
2. Common Myths
3. What You Should Do When You Discover Bed Bugs
4. What Works Now and Why
5. Ways to Be Proactive

I want this to be more of an interactive discussion rather than another informational class that you don't really learn anything that applies directly to you.



A Quick History of Bed Bugs

Where did these things come from.... And more importantly
how to get rid of them



OVERVIEW

History of Bed Bugs



Ancient Times In Caves and Fossils

Bed bugs have been around as long as people. Bed bugs have been found in fossils on every major continent. Possibly migrated from or changed from Bats to Humans.



100 AD – 1950's Very Common World Wide

In the early 20th century, it is said that over 1/3 of the US population had bed bugs with some areas of cities close to 100% infestation rate. Yikes. The entire world had reported bed bugs for all of human history.



Mid 1950's All But Gone

In the '50s, DDT was introduced to exterminate cockroaches and other bug populations and populations began to decrease rapidly. They met their match in DDT. The DDT would be dusted or sprayed all around and all over the bed.



What Worked in the Past

DDT almost removed bed bugs for good. Depending on your age. You might recognize pictures like these.

Between 1950 and 1972 DDT was commonly used in homes to eradicate cockroaches, mosquitos and flies.

It was also found to kill bed bugs and was used on them as well. After the mid 50's bed bugs were pretty much a distant memory until 1972 when ddt was removed by EPA for use.





Bed Bugs Currently

Where and How Many

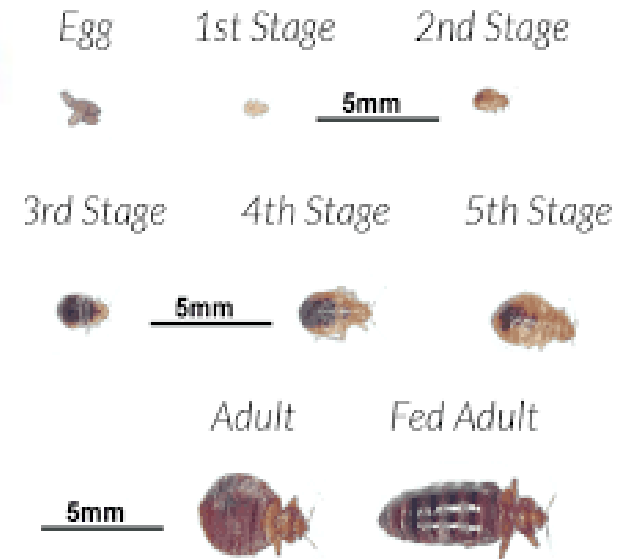
Currently 1 in 6 People knows someone with bed bugs.

Easily spread like lice and fleas.

Hotels are bad, but majority of treated cases are in residential homes



US and Europe are being hit the worst with bed bugs.





Common Myths About Bed Bugs

I heard that bed bugs.....



Common Myths About Bed Bugs

Have You Heard Any of These?

We hear them all the time from customers.

- 1. Not Visible**
- 2. Bed Bugs Like Dirty**
- 3. Bed Bugs Spread Disease**
- 4. Not a Public Health Pest**
- 5. Only Out At Night**
- 6. Easily Eliminated w/ Sprays**
- 7. Bed Bugs Only on Beds**
- 8. Bites Are Easy To Diagnose**
- 9. Bed Bugs Travel Quickly**



What To Do When You Discover Bed Bugs In Your Facility

When in doubt... PANIC



Communication is Key

Bed Bugs do not cause Leprosy, they are just an annoying bug.

Do not shame people for getting bed bugs... for 99% or more people didn't want bed bugs in the first place.

The best defense is communication and education.

1. **Communicate with Residents**
2. **Encourage Reporting**
3. **Do Not Punish Reporting**
4. **Train Staff to Identify**
5. **Do Not Spray OTC Pesticides**
6. **Track Infestations**
7. **Work With Residents to Prepare for Treatment**



When You Find Bed Bugs

It is important to not panic and start moving people all over the building once you find bed bugs. We can create a plan specific to your facility.

- 1. Do Not Panic**
- 2. Verify That it is Bed Bugs**
- 3. Do Not Cause Spread**
- 4. Bag Any Clothing and Linen**
- 5. Dry On High Heat for 1 Hour**
- 6. Clean Room Thoroughly**
- 7. Notify Your Bed Bug Removal Experts**
- 8. Create a plan... preferably one that works 😊**



What Works To Kill Bed Bugs



Lots of Choices

But What Actually Works



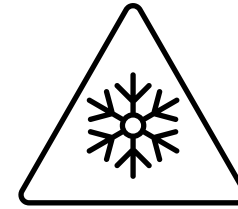
Chemical Treatment

Widely used as a control for bed bugs. Over last 20 years bed bugs have grown resistant to chemicals used.



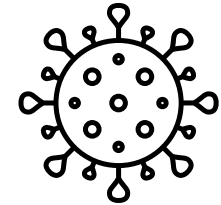
Heat Treatments

Heat treatment is currently the only treatment that has a 100% mortality rate for bed bugs and their eggs when applied properly.



Freeze Treatments

There have been some companies using a freeze treatment. It can have some effectiveness but mostly as a spot treatment.



DE Powder/ Cimex

DE Powder or Cimex is normally used in conjunction with other treatments to add a barrier around baseboards and outlets



Why We Use Pressurized Heat

Because we know that heat is the most effective treatment for bed bugs, we utilize a pressurized heat system to make sure that all areas are treated properly.

It uses positive pressure, similar to blowing up a balloon, which forces the heat through walls, baseboards, furniture, flooring and into every little nook and cranny in the treatment area.

Bed Bugs and Eggs die in less than a minute at approx. 122 degrees F.

Our treatment will raise the temperature of the treatment area to above 135 degrees and then we maintain that temperature for several hours to make sure heat penetrates every item possible. Most treatments last 4 to 8 hours.





How to Prep for Heat Treatment

Preparing for our heat treatment is pretty simple for most facilities.

We can provide each facility with a copy of our prep list.

- 1. Remove Candles**
- 2. Aerosol Cans**
- 3. Live Plants**
- 4. Prescription Meds**
- 5. Vinyl Records**
- 6. Fresh Food**
- 7. Clean Up Rooms**
- 8. Pick Up Clothing on Floor**



Ways To Keep Facility Bed Bug Free



Ways To Be Proactive

K9 Inspections

In large facilities, K9 inspections offer a very accurate way to identify where there are bed bugs. With one dog we can inspect 50 to 75 rooms a day with over a 99.7 percent accuracy.

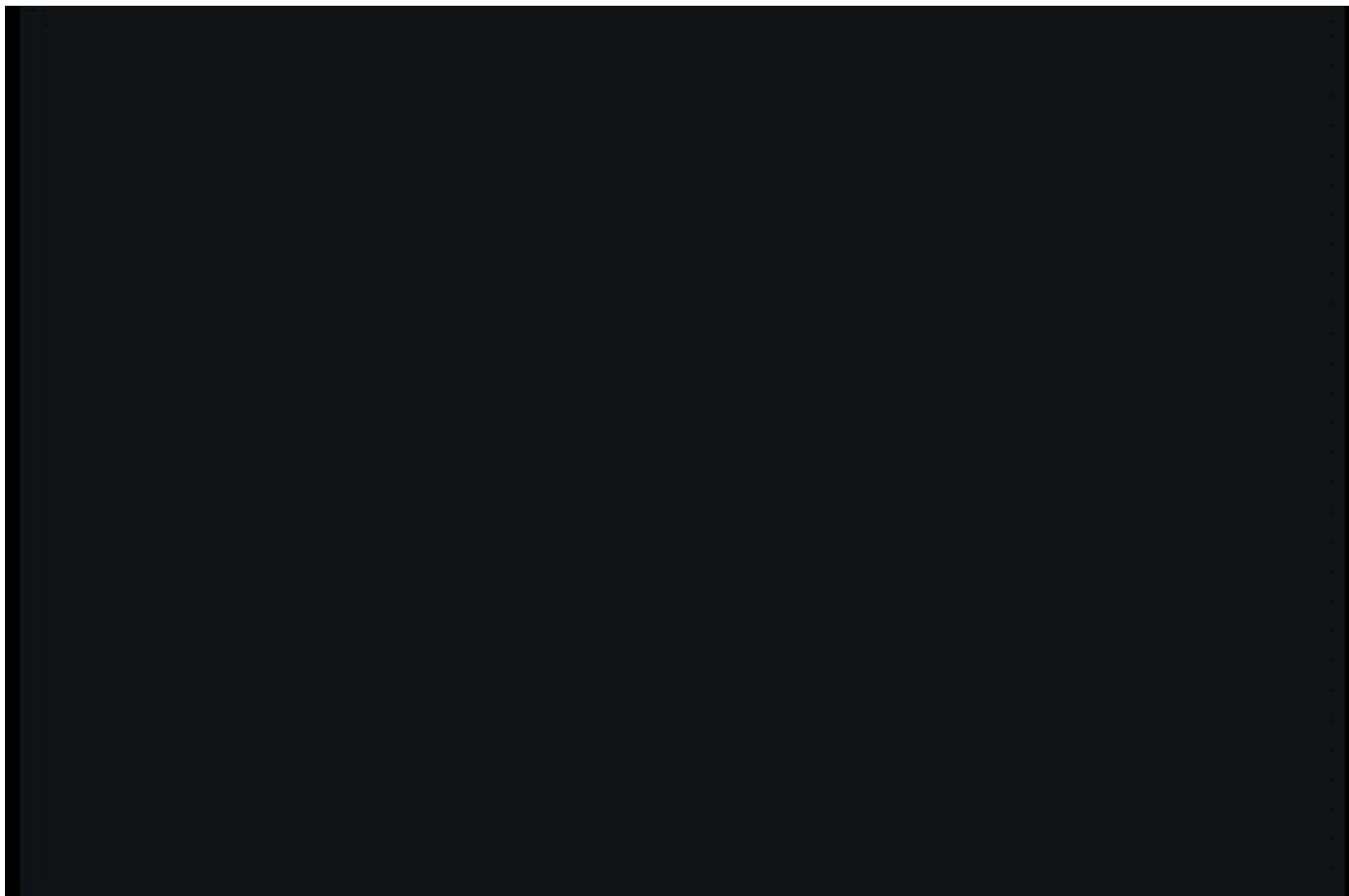
Staff Training

Free onsite staff training for all staff members. Perfect for your next monthly in-service training or monthly meeting. We will cover most of this information and go through specific

Utilize a Heat Trailer

We offer heat trailers for temporary rent or sale to treat tenants belongings before they ever come in the facility.







Ask Me Some Questions

Don't Be Shy.... What Happens at The Convention Stays at the Convention