







RESOURCES

- Networked resources are available at:
 - www.StopPests.org
 - www.nchh.org/Training/IntegratedPestManagement.aspx
- The binder is yours to keep
 - Copies of presentation slides
 - HUD's guidance on IPM
 - HUD's notices on bed bugs
 - Pest fact sheets

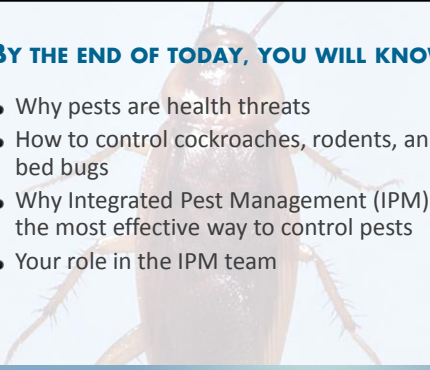


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BY THE END OF TODAY, YOU WILL KNOW

- Why pests are health threats
- How to control cockroaches, rodents, and bed bugs
- Why Integrated Pest Management (IPM) is the most effective way to control pests
- Your role in the IPM team



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HOW HAVE YOU FOUGHT PESTS?



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PESTS CAUSE PROBLEMS

- Trigger/cause asthma and allergies
- Bite
- Contaminate food
- Lead people to overreact and ignore pesticide labels
- Transmit disease
- Hitchhike in belongings
- Violate housing codes

IPM makes homes healthier!



PRIORITY PESTS

- **Cockroaches** cause asthma in infants, trigger asthma attacks, and contaminate food
- **Rodents** such as mice and rats carry diseases, bite, destroy property, may cause fires, and may trigger asthma attacks
- **Bed Bugs** and their bites are a nuisance and are expensive to eliminate



OTHER PUBLIC HEALTH PESTS

- Mosquitoes transmit West Nile Virus
 - Need standing water
- Ticks transmit Lyme Disease
 - Get on people from bushes and rodents
- Fleas cause itchy welts
 - Come into buildings on pets and wild animals
- Bird and rodent mites make us itch
 - May move into a unit when the wild host moves out
- Lice make us itch
 - Spread on used or shared items and via person-to-person contact
- Dust mites cause asthma
 - Flourish with high humidity and poor sanitation



WHAT ALL PESTS NEED

- Food
- Water
- Shelter



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WHAT IS IPM?

- **Integrated:** Uses multiple approaches that work together
- **Pest:** What the multiple approaches work to fight
- **Management:** Use of the most economical means with the least possible risk to people, property, and the environment



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IPM DEFINED

In a structural setting, an IPM program consists of

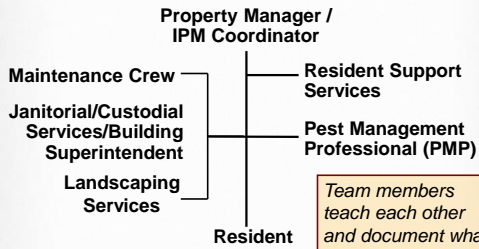
1. inspection,
2. identification,
3. scale the response to the level of infestation,
4. employment of two or more control measures (which may be behavior change, mechanical, biological, or chemical), and
5. evaluation of effectiveness

(Adapted from the National Pest Management Association's Urban IPM Handbook, 2006)



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THE IPM TEAM



Team members teach each other and document what they see and do.



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HOW WILL YOU FIGHT PESTS NOW?

“Exterminator” is now a Pest Management Professional (PMP)



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WHAT YOU WILL GAIN

IPM will give you...

- **Cost savings:** Over time IPM lowers monthly pest management costs
- **A healthier building:** Fewer asthma attacks, less exposure to pesticides, and less of a chance you will take pests home
- **Fewer complaints:** A Boston Housing Authority development reduced cockroach work orders by 68% after one year of IPM
- **Fewer pests:** You can stop infestations from growing and spreading disease



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“We do IPM because it is the right thing to do and because it works. Allowing our residents to live in a pest-free home is a basic service as well as a huge quality of life issue.”

—Gail Livingston
Director of Operations and Property Management
Boston Housing Authority



WHAT POSITION DO YOU HAVE ON THE IPM TEAM?

Please tell us your

Name

Job or Role

If you want, tell us

A pest management question you have or

A pest management topic you hope we will cover today