

How to Prevent and Eliminate Rats in Residential Settings Using Integrated Pest Management (IPM)

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Goals:

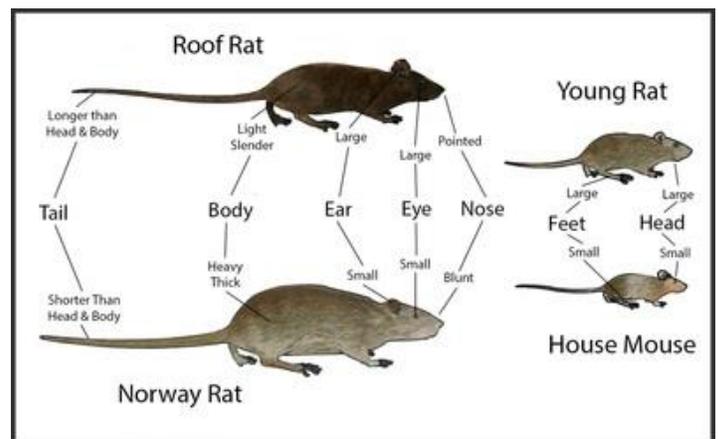
1. Eliminate rats from residential properties by removing what they like
 - a. ACCESS TO STRUCTURES (EXCLUSION)
 - b. FOOD SOURCES
 - c. SHELTER
 - d. WATER SOURCES
2. Utilize trapping, baiting, and monitoring once food and water sources are removed
3. Utilize least toxic and most species specific methods to eliminate rats

Integrated Pest Management (IPM) is a holistic approach to pest control utilizing multiple techniques to reduce and manage pest populations

- Setting Thresholds
- Identification and Monitoring
- Prevention
- Control

What do we know about Norway Rats (CT DEEP)?

1. Live 50-150' from their nests
2. Need a nearby and daily water source
3. Food high in protein or carbohydrates
4. Burrow around foundations and structures
5. Can enter openings as small as ½"
6. Can breed 12x per/yr & 8-12 young per litter
7. ¾-1 lbs & tails shorter than body and head



<http://rozkalnikina.weebly.com/blogs/no-visa-pa-druskai-par-policiju-auklitem-pelem-un-mopediem>

Easiest Prevention

EXTERIOR

- Eliminate bird feeders and standing water (bird baths and containers that can hold water)
- Ensure recyclables are rinsed and put out the morning of trash day
- Ensure trash is bagged and put out the morning of trash day in covered trash cans
- Do not feed animals outside
- Eliminate leaf litter around foundations
- Eliminate animal waste



INTERIOR

- Keep all pet food in sealed containers and inside the house
- Check for and repair leaky plumbing
- Do not leave exposed food out in the open

Moderate Prevention

EXTERIOR

- Do not store firewood near the house, stack on pallets
- Seal all holes where wiring or pipes enter the house or foundation
- Ensure gutters are cleaned and not leaking
- Seal holes around the bulkhead ½" or larger
- Ensure garage and screen doors are sealed
- Replace weather stripping and patch any holes



INTERIOR

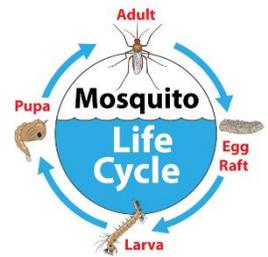
- Reduce clutter

More Difficult Prevention

- Eliminating dead wood or decaying trees
- Repairing attic screens and flashing
- Eliminating shrubs around the foundation of the house
- *If rats persist when the previous have been done, contact a CT licensed pest control operator who specializes in rat extermination using Integrated Pest Management Techniques (see next page)*

How these prevention can help with other pests:

- Eliminating standing water will reduce mosquito breeding (larvicide available)
- Removing leaves and debris eliminates harborage for mice which carry ticks



Local CT Licensed Pest Control Operators:

Griggs and Browne-800-962-3296 <http://www.griggsbrowne.com/connecticut-branch-web-page>

Waltham Pest Services-888-970-5170 <https://www.walthamservices.com/locations/new-london-ct/>

Atlantic Exterminating-860-535-8187 <http://www.atlanticexterminating-ct.com/index.html>



Common Commercial Rodenticide-Bromadiolone is a [rodenticide](#) meant to kill [rats and mice](#). Anticoagulants like bromadiolone work by preventing the blood from clotting. Unlike some other rat poisons, which require multiple days of feeding, bromadiolone can be lethal from one day's feeding.

Bromadiolone was first registered in the United States in 1980. It is an odorless powder that is white to yellow in color. <http://npic.orst.edu/factsheets/bromadgen.html>

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