

# Gophers

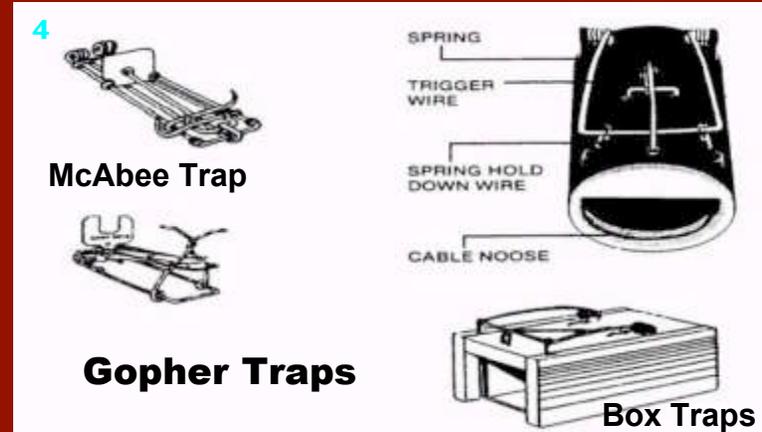
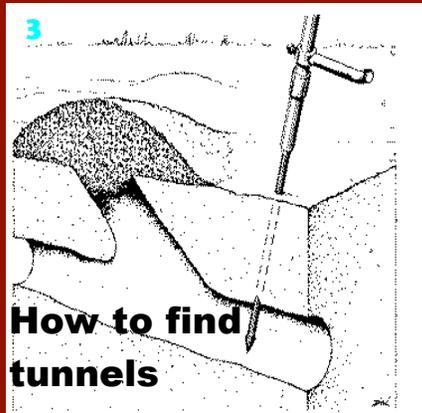


## Gopher Controls

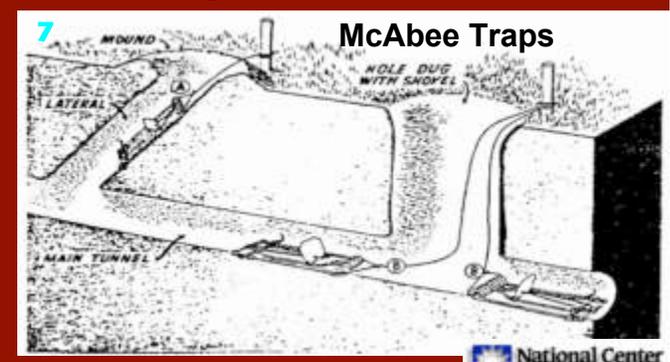
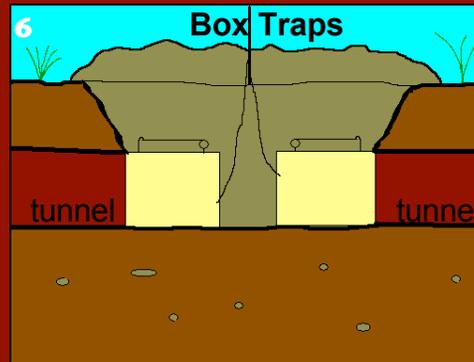
- Exclusion
- Keep areas weed-free
- Traps
- Flooding (if practical)
- Propane gas
- Repellents (non-synthetic)
  - Blood meal
  - Hair
  - Rotten eggs in tunnels
  - Predator scents (urine)
- Vitamin D3 (Cholecalciferol)

### PREDATION

- Birds of prey
  - Owls
  - Eagles
  - Hawks
- Coyotes & Foxes
- Snakes
- Dogs & Cats



## How to Place Traps



For more information call the ATTRA project toll free at 1-800-346-9140.

**Owls hunt many vertebrate pests**



**PROTECT these nocturnal hunters**

An owl can consume 155 gophers per year, and it also eats rats and mice.

A pair of owls can have a clutch of 5 to 6 chicks.

One nest for every 10 acres is needed if the problem is severe, one nest every 20 acres if the pest pressure is average.



**PVC nest for owls**



**Box nests for owls**



**Owls hunt rodents:**

- Gophers
- Rats
- Rabbits & Jackrabbits
- Mice
- Ground Squirrels and Tree Squirrels

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## Squirrels



## Squirrel Controls

- Traps
- Repellents
- Remove obstacles like trash, rocks and tree trunks
- Pellet or squirrel gun (use with caution)
- Predators: hawks, owls, eagles, snakes, coyotes, foxes & dogs
- Vitamin D-3 Cholecalciferol

## Squirrel Traps



## Deer



## Deer Controls

- Fencing — electric
- Row covers
- Scare devices
  - Sound
  - Lights
- High powered rifle (use with caution)
- Dogs
- Repellents
  - Rotting meat
  - Soap
  - Hair
- Repellent plants

## Feral Pigs



## Feral Pig Controls

- Fencing
- Hunting
- Traps
- Dogs



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## Rabbits and Hares



### Rabbit & Hare Controls

- Fencing 4 feet high and buried 6 inches
- Traps
- Repellents-egg whites
- Hunting at dawn and dusk (use caution)
- Dogs & cats
- Eagles, hawks and owls
- Coyotes & foxes
- Wild cats & pumas
- Vitamin D3 (Cholecalciferol)

## Birds



Nets protect against birds in this vineyard.

### Bird Controls

- Scare Devices
  - Sound
  - Lights
  - Mylar tape
- Bird netting
- Row covers
- Repellents
- Shotgun (use with caution)
- Other animals



Scarecrow

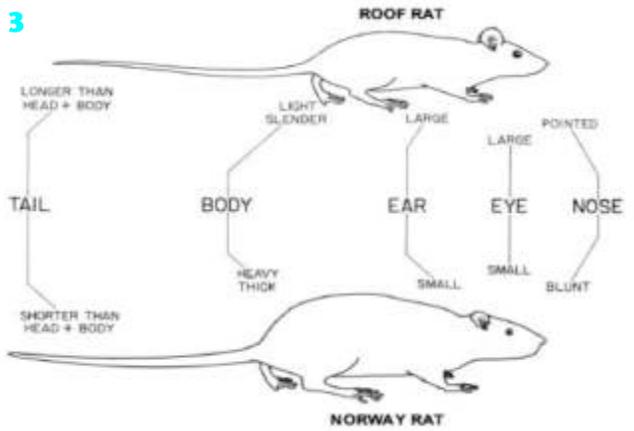
## Rats



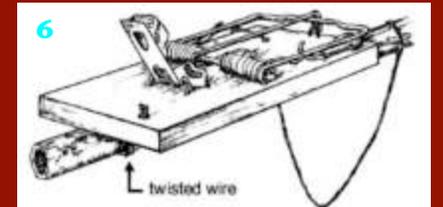
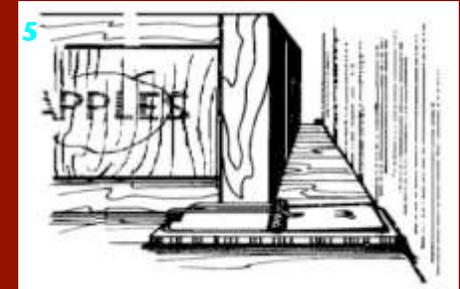
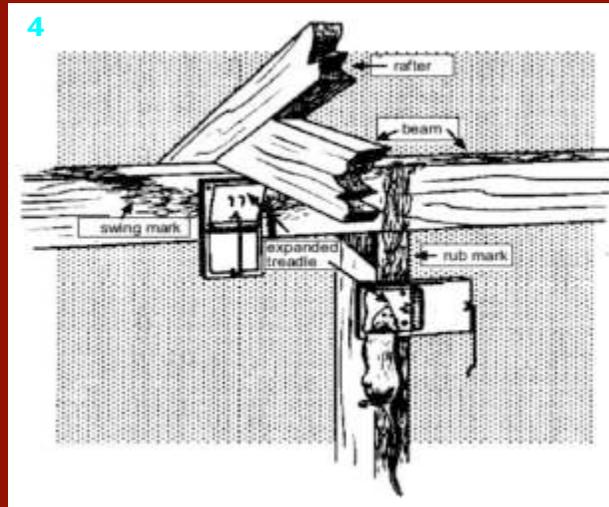
## Rat Controls

- Cleanliness & sanitation
- Limit access to homes & warehouses
- Owls
- Cats
- Snakes
- Traps – place baits on trigger, using meat, nuts or dried fruits.
- Vitamin D3 (Cholecalciferol)

Differences between Norwegian rats and roof rats



## How to place rat traps



## Mice



## Mice Controls

- Cleanliness & sanitation
- Eliminate weeds
- Fencing 1 foot high and buried 6 to 10 inches
- Traps
- Repellents
- Coyotes & foxes
- Cats
- Vitamin D3 (Cholecalciferol)
- Hawks
- Owls
- Gulls

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