













CFAES
Digging Damage ID
Skunk
Raccoons and skunks use paws to dig holes and scrapes.
Raccoons roll back sod.
Skunks, too?

8

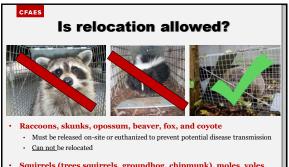










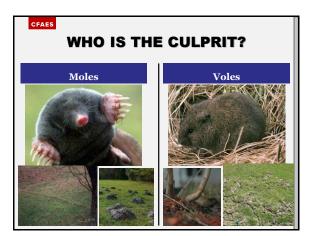


- Squirrels (trees squirrels, groundhog, chipmunk), moles, voles, shrews, mice, rats, mink, muskrat, and rabbits

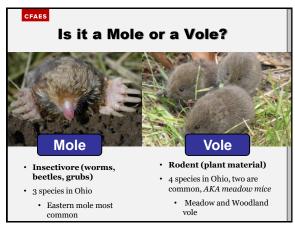
  Can be euthanized, released on-site, or relocated.
- If relocated, must be outside in the city/village of capture and with permission of the recipient landowner



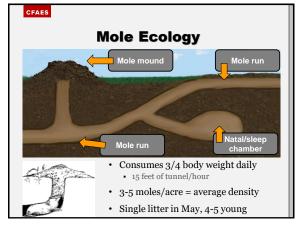
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15



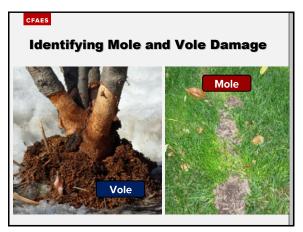
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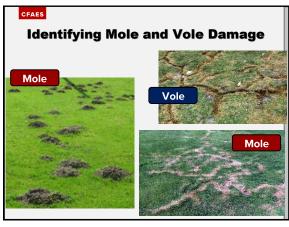


 Vole Ecology
 Prolific breeder
 Every 3 weeks from March-November
 Target populations fallwinter
 4-6 young/litter (up to 11)
 Sexual maturity after 25-40 days
 Densities of 10-100/acre are common
 Cyclic populations

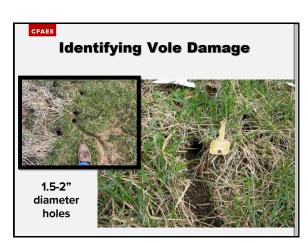


Population monitoring

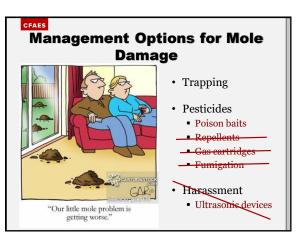


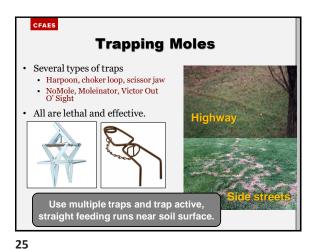








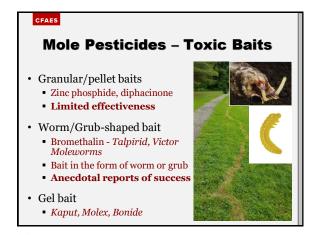






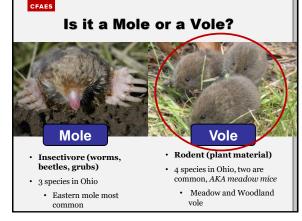
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CFAES

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## CFAES **Vole Exclusion and Repellents** Exclusion Hardware cloth cylinders - 1/4 - 1/8" mesh, 12" tall Use on young trees with grass/weed control · Repellents Hot pepper, predator urine - Short term protection













# Vole Pesticides – Toxic Baits

· Other toxic baits:

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- Zinc phosphide
- Anticoagulants
- Specific site restrictions
   Non-residential
  - Bare ground restrictions
  - Bare ground restriction
     Bait stations required
- Special care must be taken to avoid non-target species exposure



• Pre-bait to increase bait acceptance

37



39





### Remember to be Safe.

- · Wear appropriate safety
  - equipment Glove when handling traps or pesticides
- · Wash hands after handling traps
- Avoid setting traps in areas with high pet and human traffic
- Don't set traps unless you can check them daily.
- READ THE LABEL.





38

### CFAES

### The Canada Goose

- Giant Canada goose
  - Commonly nests throughout the state
  - 11-13 pounds on average
  - 'Resident geese'

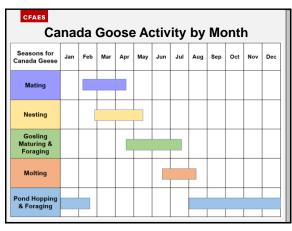
     Limited to no migration patterns
- Migratory Bird Treaty Act





- Open land, green vegetation, permanent water source
   News during
  - Very adaptive
- Establish nesting territories Feb-March
- Young imprint on birthplace
- Flightless period end of June – July
  - Goslings no flight April JulyAdults molting
    - Adults molting





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### **Repellents For Geese**

- · Repellents registered for use on geese:
  - Methyl anthranilate

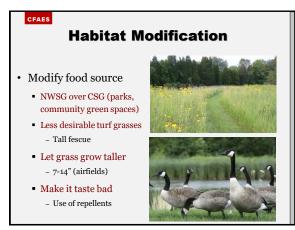
     Taste repellent (grape)
  - Anthraquinone

- Taste repellent (give a stomachache)

- · Rain resistant
- Rarely cost-effective over large areas
   AQ \$200/ac; MA \$600/ac
- · Proven successful at small scales
- · Inexpensive in the short-term

45





44

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# CFAES Habitat Modification and Exclusion Make water less attractive/accessible: • Fences • Plant barriers • Steep banks • Rock barriers • Remove attractants • Domestic ducks/geese • Mute swans











flightless period







