302 Outdoor Vertebrate Ground Dwelling Mammals

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Overview

• Review three common vertebrate animal control methods
  – Prairie Dogs
  – Gophers
  – Voles

Methods of Prairie Dog Control

• Four Methods
  – Fumitoxin (Aluminum Phosphide)
  – Grain Baits
  – Smoke Bomb
  – Trapping

Benefits of Fumitoxin Usage

• Effective Pesticide for Prairie dog control
• Kills disease causing fleas on animal and in burrow
• Application selective
• Safe when properly applied

Fumitoxin Safety Concerns

• Aluminum Phosphide is a highly toxic substance
  – Site inspection must be preformed prior to application
  – All safety procedures must be followed as described on the product label
  – All use must comply with new 100 ft rule
  – Signage requirements must be followed

Label Changes

• 100 ft setback from dwellings
• Site inspection
• Endangered species
• Signage
Fumigant Management Plans

- No standardized form
- Verify form with CDA inspector
- Site drawing is required
- Complete everything!

Chemical Storage Notification

Endangered Species Protection Bulletin

For: FEB 2014

Note: Bulletins are enforceable as part of pesticide labeling and state law may require that you have a copy of the Bulletin applicable to your pesticide use in your possession. While not a federal requirement, EPA recommends that you print the Bulletin for your records. To print an official copy of this Bulletin, use the "Printable Bulletin" link located at the bottom of the page.

Endangered Species Protection Bulletin for Mesa County, Colorado

There are no pesticide use limitations in place for the county and month you selected, beyond what is indicated on your pesticide label. Follow the use instructions on your label. Please check back if you plan to apply your pesticide in a month other than the one for which this Bulletin is valid.

Grain Baits

Pros & Cons

- Pros
  - Inexpensive and easily obtained
  - Easily applied

- Cons
  - Requires pre-baiting
  - Affected by weather conditions
  - Prairie dogs don’t like the taste

http://www.epa.gov/espp/bulletins.htm
Smoke Bombs Pros & Cons
• Pros
  – Can be used within 100 feet of dwellings

• Cons
  – Ineffective
  – Cost
  – Labor intensive

Trapping Pros & Cons
• Pros
  – Can be used within 100 feet of dwellings
  – Can be used as food source for black foot ferrets
  – Can be relocated with DOW permission

• Cons
  – Labor intensive
  – Spread of fleas and diseases
  – High mortality rate

Live Trapping Prairie Dogs

Methods of Gopher Control
• Two Methods
  – Pesticide
  – Trapping

Pesticides
• Currently pesticides on the Market
  – Martin’s Gopher Bait 50R
  – Kaput – D
  – Prozap Zinc Phosphide Oat Bait
  – Eaton’s Gopher Bait
  – Other baits are available online

NOTE: Read labels for usage!

Trapping Pros & Cons
• Pros
  – Selective
  – Safe
  – Effective

• Cons
  – Labor Intensive
  – Safety Issues Exist
  – Lice, disease & Droppings
Methods of Vole Control

• Primary Method
  – Pesticides:
    • Hand application
    • Bait Boxes
    • Broadcast

Pesticides

• Several brands of pesticides on the Market
  – 2% ZP Oats Bait

NOTE: Read labels for usage!

Vole Damage

Questions?

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