

Who gives a hoot?



Insecticide Use



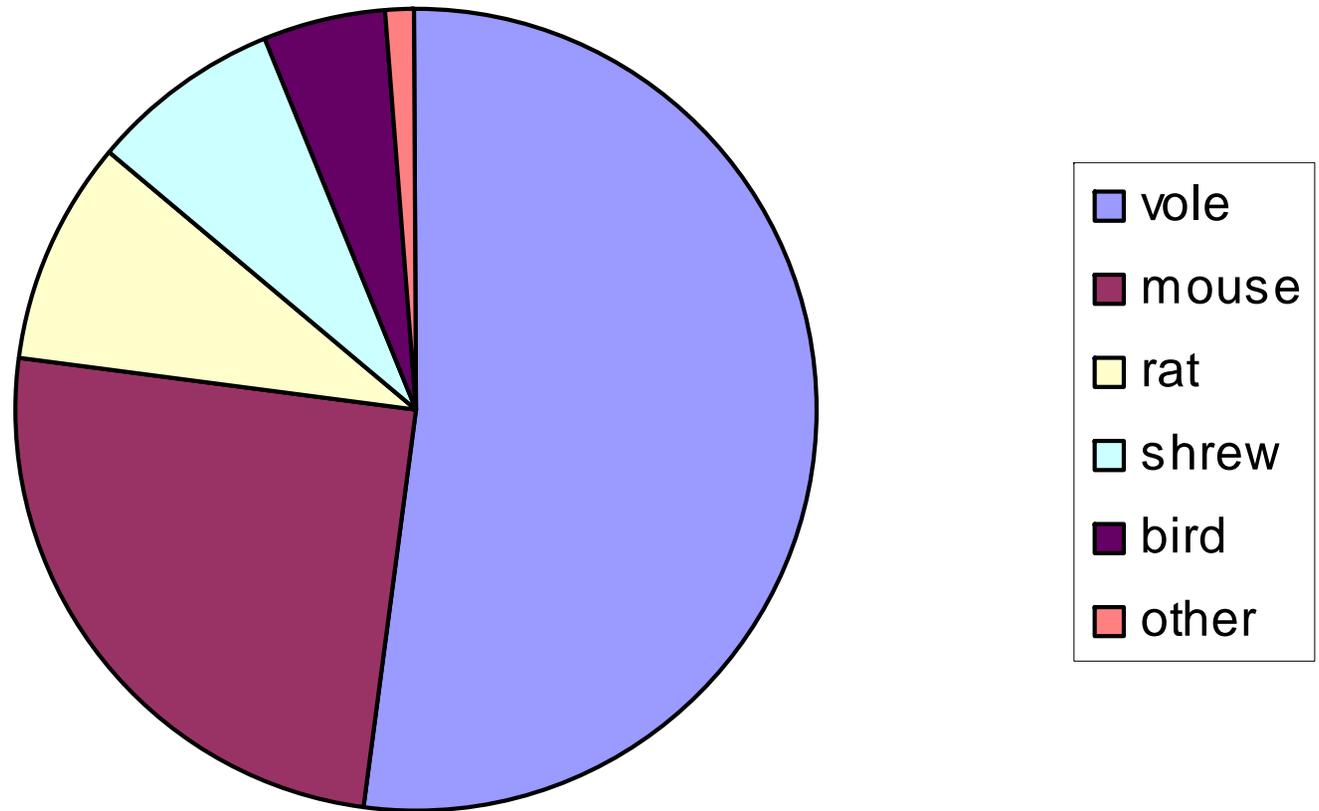
- Organophosphate insecticides are widely used today in agriculture, home and gardens
- This insecticide affects animals by inhibiting an enzyme called cholinesterase.
- Rodents can get contaminated with insecticides



Spraying pesticides



Barn Owl Diet



Barn Owl Prey



Meadow vole



Mouse



Rat



Shrew



If farmers use these insecticides on their fields, will this affect the small mammal population?



PGC Photo/ Lori Richardson



Investigate the small mammal population by examining owl pellets



Additional studies

- Effects of rodenticides on owl populations
 - Secondary poisoning of owls
- Effects of insecticides on owl populations
 - DDE and dieldrin cause eggshell thinning



<http://conserveonline.org/docs/2001/03/brno.doc>

