Veterinary Science
Preparatory Training for the Veterinary Assistant

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Economic Losses

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Objectives

- Discuss the economic losses from effects on human health
- Discuss the economic losses from effects on animal health
- Discuss the economic losses due to animal mortality
- Discuss the economic losses from damaged animal food products
- Discuss practices to enhance productivity and to increase profitability and economic efficiency of animals
- Economic losses
  - Death
  - Clinical diseases
  - Disabilities
  - Condemnation

- Affect
  - Performance
  - Production
Animal Diseases

- Obvious Losses
  - Death
  - Abortions
  - Sickness
  - Diseases
  - Injuries
  - Culls
  - Replacements
  - Condemned carcasses
Hidden Losses
- Sub-clinical diseases
- Reproductive inefficiencies
- Nutritional deficiencies
Measure of efficiency

- Conception rates and intervals
- Birth rates and intervals
- Weaning rates
- Weaning weights
- Body condition scores
Increased production + increased efficiency = increased profitability and economic efficiency
Human Diseases

- Losses
  - Medical costs
  - Loss in income

- Prevent
  - Preventive medicine