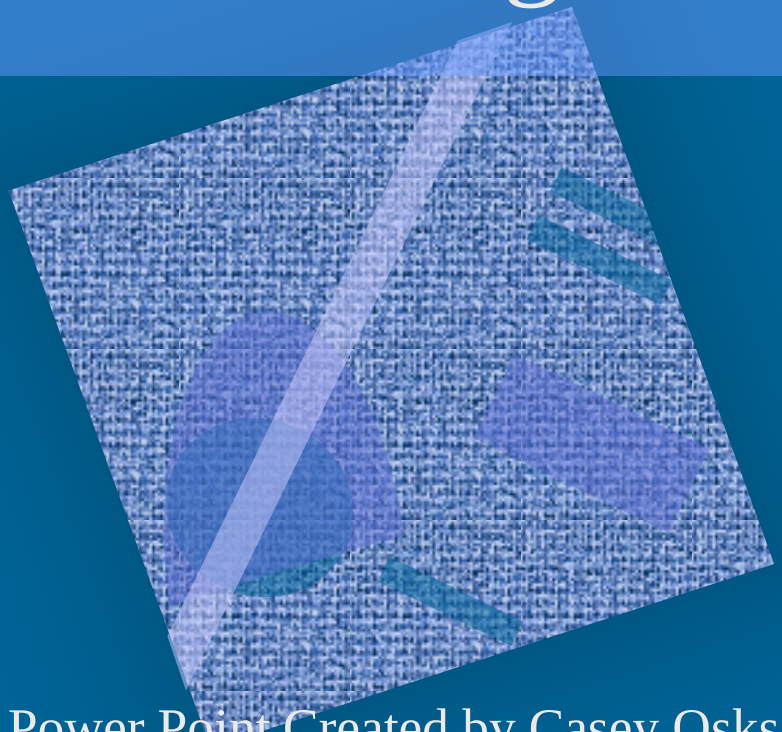
Detecting Unhealthy Animals



Original Power Point Created by Casey Osksa

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What is “Disease”?

- Disease is any deviation from the normal health of an animal.

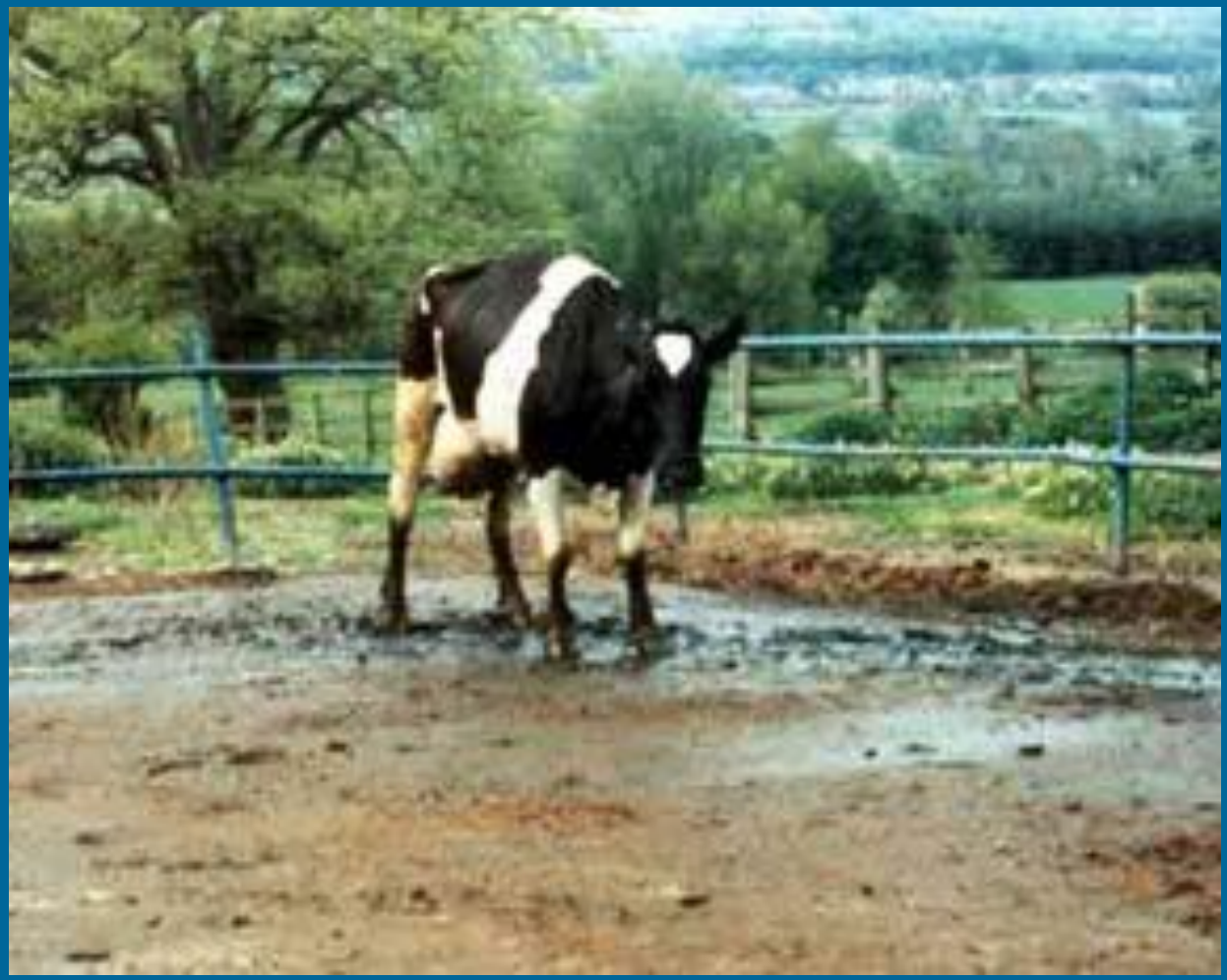
Why is it important to keep animals healthy?

- Unhealthy animals cost money!!
- Millions of dollars are spent every year on keeping animals healthy.
- PROFITABILITY!!

What are some causes of disease?

- Germs: bacteria, viruses, protozoa
- Parasites: worms, insects
  - Infestations: external parasites
  - Infectious: internal disease
- Injury: handling, facilities
- Inherited Genes
- Poor Nutrition: easiest to correct
  - toxic materials in plants, nitrogen content
  - chemicals for insect control

How do we detect unhealthy animals?



Visual Signs

- Body posture
- Off feed and water
- Isolated
- Sounds
- Trauma

Non-visual signs

- Temperature
- Pulse
- Respiration
- Blood types and counts
- Mucous membranes
- Tissue cultures

Vital Signs

- Temperature-internal temperature of the animal taken with a thermometer
- Pulse – The heart rate of the animal, taken by pressing on the blood vessel.
- Respiration – the rise and fall of the body cavity, or breaths per minute.

Species	Normal Temperature °F	Pulse Beats/min.	Respiration Breaths/min.
Cat	101.5	110-130	20-30
Cattle	101.0	60-70	10-30
Chicken	107.0	200-400	15-30
Dog	102.0	70-120	10-30
Goat	102.5	40-60	12-20
Horse	100.0	30-60	8-16
Rabbit	103.0	123-304	30-45
Sheep	102.0	60-90	12-20
Snake	Room temp	12	1-2

Let's Review

- 1. What is disease?
- 2. Why is it important to keep animals healthy?
- 3. Give three causes of disease.
- 4. Give three visual and non -isual signs of detecting disease.
- 5. What are vitals?

Check your answers!!

- 1. Any deviation from normal health of the animal.
- 2. Profitability, saving money
- 3.Answers will vary
- 4. Visual -isolation, off feed, depressed,
- off food and water etc..

  Non visual - temperature, pulse and respiration
- 5. Temperature, pulse and respiration