

Guided Notes: Diseases and Vaccinations

Disease Control

- Management can be effected by
 - _____
 - _____
 - _____

Incidence of infectious disease tends to increase with _____

Tetanus

- Caused by Clostridium tetani
- Spores can live in soil for _____
- Not contagious
- Gets into the blood stream from _____ & _____
- Muscles _____
- “_____” stance
- Become unable to eat or drink, finally cease to breathe
- Yearly _____ for all horses

Equine Encephalomyelitis

- AKA _____
- Transmitted by _____
- Not contagious
- Causes degeneration of the brain
 - High Fever
 - Mild Depression
 - _____
- Paralysis eventually occurs
- Eating and Drinking cease
- Annual Vaccination suggested

Influenza

- Highly contagious
- Infectious _____ disease
- Virus can travel 35 yards
- Causes _____
- Recovery _____
- Vaccination schedules vary

Equine Herpesvirus

- AKA Rhinopneumonitis
- Type 1 and Type 4
- Both infect _____
- Similar characteristics to _____
- Type 1 causes _____
- Type 4 commonly found in
 - _____
 - _____

Strangles

- AKA Barn fever or Distemper
- Bacterium Streptococcus equi
- Primarily effects _____
- Transmitted by
 - Direct contact
- Symptoms: _____
- Vaccines not completely effective
- Vaccine schedules vary

Rabies

- Neurological Disease
- Must be bitten by _____
- Causes inflammation of the brain
- Prognosis: _____

Equine Infectious Anemia

- Potentially fatal blood-borne infectious viral disease
- Once infected, _____
- Most common transmitter is _____
- Tested for on _____ test
 - Must be negative to travel or compete
 - If positive, is suggested to euthanize

West Nile Disease

- _____ borne virus
- First detected in US in _____
- Causes encephalitis (_____)
- No treatment

- Vaccines available for prevention

Equine Protozoal Myoencephalitis (EPM)

- First Recognized in mid 1970's
- "Myelo" refers to _____
- "encephalitis" refers to _____
- Caused by ingestion of protozoa
- Leads to incoordination
- Vaccine and treatment available

Vesicular Stomatitis

- Virus
- Causes lesions, excessive salivation and drooling
- Similar to foot and mouth disease
- No specific treatment or cure at this time
- Supportive care for long term