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Disease Threats of Pastured Cattle

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*Grazing Educators Workshop
April 4, 2012
Black River Falls, WI*

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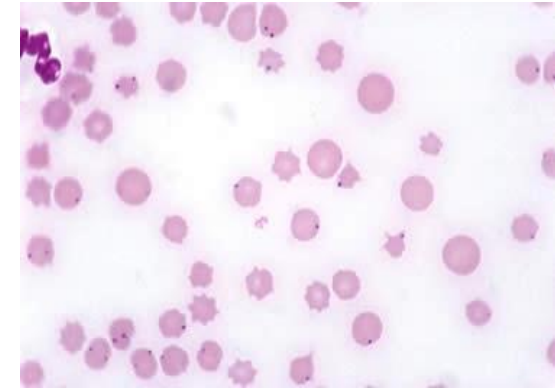
**Agriculture &
Natural
Resources**

VCPR

- Veterinary Client Patient Relationship
- Valid
- Current & correct advice
- Appropriate drug use on farms



Anaplasma marginale

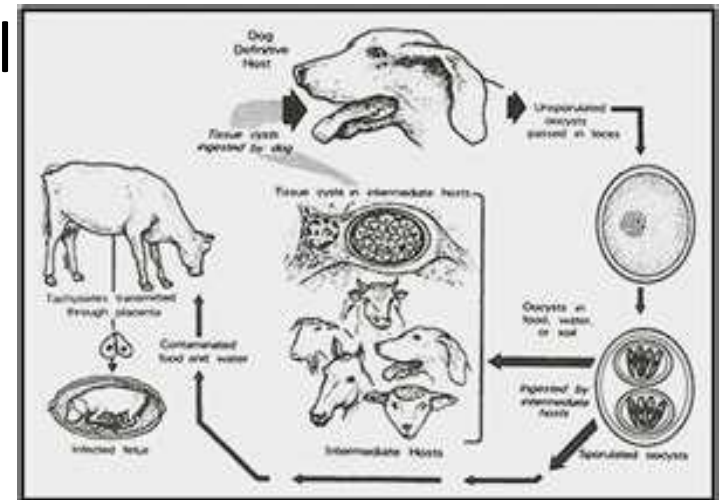
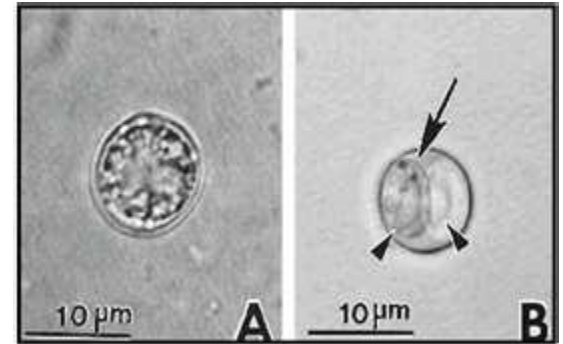


- Not contagious
- Mechanical vectors: vet instruments, biting flies
- Biological vector: Dermacentor wood tick
- Tick control
- Carrier animals
 - Resistant calves
 - Fatal for cattle > 3 years old



Neospora caninum

- Canines are the definitive host
- Cows are the intermediate host
 - Vertical transmission in cattle
 - Carrier calves appear normal
 - Abortion storms
- Vaccination
- ID chronic aborters



Moraxella bovoculi

- Infectious Bovine Keratoconjunctivitis (IBK)
- Set of symptoms with multiple etiologies
- Underlying irritation to the eye:
 - Flies, UV light, and grass
- Vaccination
- Prevention
- Treatment



Pinkeye – severe inflammation of the eye



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Zoonotic Threats

- Fasciola hepatica, Fascioloides magna
 - Limit access to snail infested areas near water
 - Limit deer access
- Leptospirosis: L. hardjo
- Rabies



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April 4th Grazing Educators Workshop