

Fescue Toxicosis, Footrot & Pinkeye

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***1997 Beef Cow-Calf Health & Management
Monitoring System (NAHMS), USDA-APHIS-VS***

Footrot (0.8 infection rate)

Pinkeye (1.3% infection rate)

. . . the two most prevalent conditions
affecting all breeding beef females.

Pinkeye

- Highly contagious infection
- *Moraxella bovis*
- Most common in summer & fall
- In a herd, severity and amount of infection may vary from year to year
- Outbreaks may affect 80% or more!!

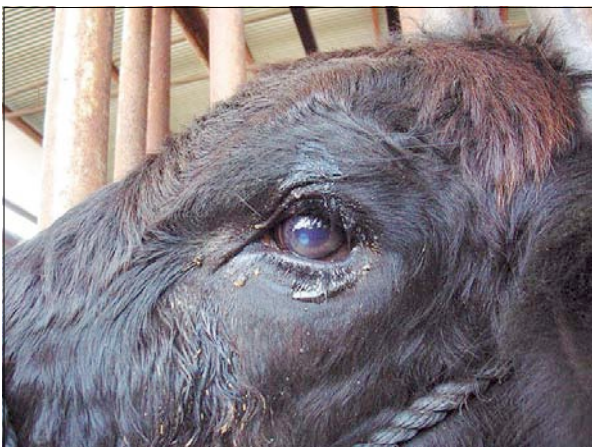




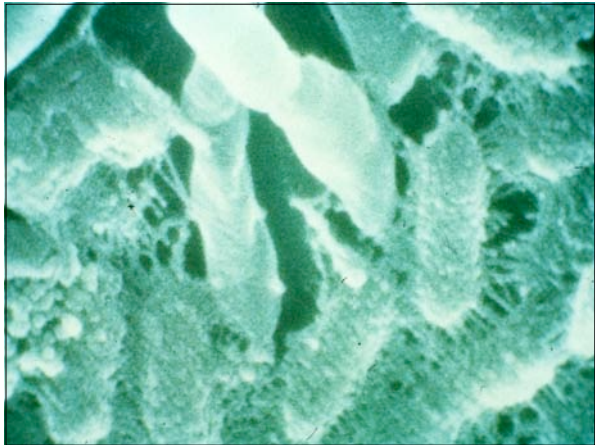








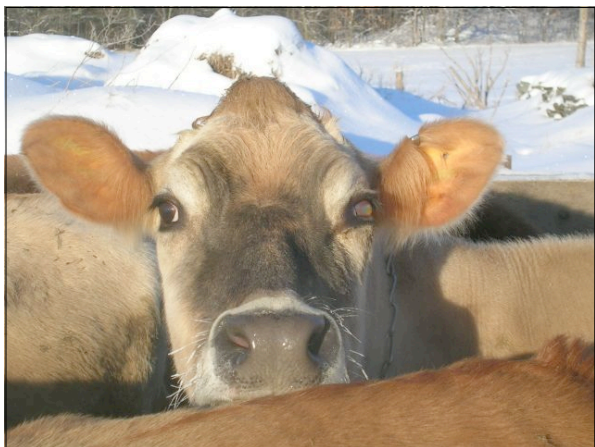












Pinkeye: Some Treatments

- **Long acting oxytetracycline** injectable (LA-200, Biomycin, etc.)

- 4.5 ml/cwt (9 mg/lb) repeated 72 hrs later

- **NuFlor** (requires DVM prescription)

- 3 ml/ cwt (9 mg/lb) IM repeated 24 hrs later
 - 6 ml/cwt (18 mg/lb) SQ once

- **Sprays**

- **Procaine Penicillin G** injected subconjunctival in each eye (under the thin membrane covering the white of the eye)

- 1 ml once a day for 3 days



Pinkeye: Effective Trt Protocol

JAVMA Feb 1998. 212[4]:560-563

- Long acting oxytetracycline injection (LA-200, Biomycin, etc.)

- 4.5 ml/cwt (9 mg/lb) IM repeated 72 hrs later

- Combined with oral oxytetracycline

- 2 grams per head per day for 10 days in feed (alfalfa pellets, etc.)

This combination resulted in fewer calves affected after 1-3 weeks than treatment with subconjunctival penicillin

Pinkeye: Prevention

- Fly control
- Grass, weed, and brush control
- Hay and bunk feed management
- Solid annual immunization program for viral diseases (IBR, BVD)
- Breed for eyelid pigmentation

Pinkeye vaccines ??

20/20 Vision 7 with Spur (Intervet)
Alpha 7 MB (Boehringer Ingelheim)
Alpha 7 MB-1 (Boehringer Ingelheim)
Piliguard Pinkeye + 7 (Schering Plough)
Cattle-Vac Pinkeye 4 (Durvet)
I-Site (Agrilabs)
Maxi/Guard Pinkeye Bacterin (Addison)
Ocu-Guard MB (Boehringer Ingelheim)
Ocu-Guard MB-1 (Boehringer Ingelheim)

Piliguard Pinkeye-1 (Durvet)
Piliguard Pinkeye-1 Trivalent
(Schering-Plough)
Piliguard Pinkeye TriView
(Schering-Plough)
Pinkeye-3 (Aspen)
Pinkeye Shield XT4 (Novartis(Farm
Animal))
Resist Pinkeye (Agri Pharm)
Trust Guard M3 (Vedco)

Thank you!

Questions?
