

Herd Health and Vaccination Basics

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Components of a herd health plan



- nutrition
- genetics
- biosecurity
- parasite control
- vaccination

Cattle Diseases

- bacterial
- viral
- protozoal
- fungal
- other



Bacterial Diseases

clostridial diseases

- Clostridium chauvoei (black leg)
- Clostridium septicum (malignant edema)
- Clostridium novyi (black disease)
- Clostridium sordellii (gas-gangrene)
- Clostridium perfringens type C&D (enterotoxemia & enteritis)
- Clostridium haemolyticum (red water)
- Clostridium tetani (tetanus)
 - most clostridial vaccines do not contain tetanus, but a few do

Bacterial Diseases Cont.

respiratory

- Mannheimia hemolytica (Pasteurella hemolytica)
- Pasteurella multcodia
- Histophilus somni (Haemophilus somnus)

reproductive

- Campylobacter fetus (vibrio)
- Leptospira sp., 5 traditional strains (lepto)
- L. hardjo-bovis (listed as HB on most vaccines)
- Brucellosis

Viral Diseases

respiratory

- IBR
- BVD types 1 & 2
- PI-3
- BRSV

reproductive

- IBR
- BVD



Diseases Routinely Vaccinated For

calves

- · clostridial diseases
- IBR, BVD, PI-3, BRSV
- lepto

replacement heifers & cows

- clostridial diseases
- · IBR, BVD
- · lepto & vibrio

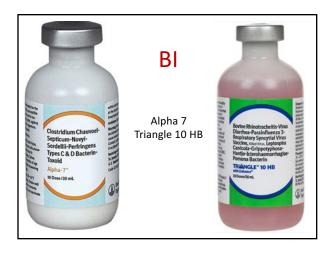
consult with your veterinarian!!!!!

Examples of Basic Programs

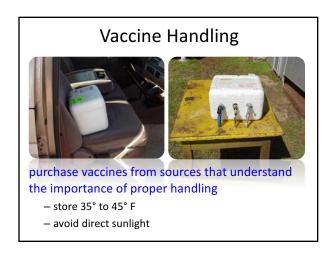
with Killed Respiratory Products

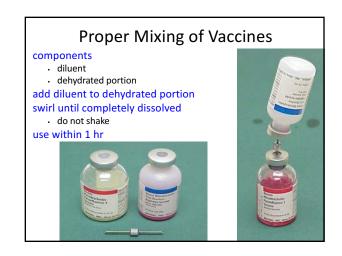




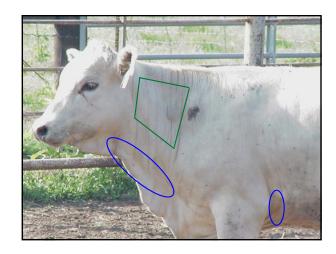




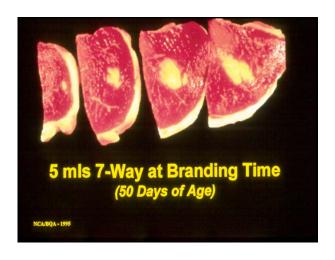




Giving Injections



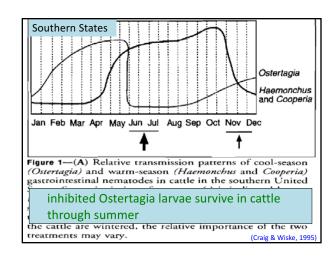




Classes of Anthelmintics









Product Selection & Purchasing Considerations











