Animal Health & Antibiotic Stewardship

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- DEVELOP VACCINATION PROTOCOL
- PROPER DIAGNOSIS
- READING LABELS
- PROPER TOOLS/EQUIPMENT
- VACCINE ADMINISTRATION
- STORAGE AND HANDLING
- RECORD KEEPING

Antimicrobial stewardship refers to coordinated interventions designed to improve and measure the appropriate use of antimicrobials by promoting the selection of the optimal antimicrobial drug regimen, dose, duration of therapy, and route of administration. Antimicrobial stewards seek to achieve optimal clinical outcomes related to antimicrobial use, minimize toxicity and other adverse events, reduce the costs of health care for infections, and limit the selection for antimicrobial resistant strains.

Developing Vaccination/Treatment Protocols (Written)

- CONSULT YOUR VETERINARIAN
- CORE VACCINATIONS
  - 4 WAY IBR, BVD, PI3, BRSV
  - 2 WAY PASTEURELLA
  - 4/7 WAY CLOSTRIDIAL
- ADDITIONAL CONSIDERATIONS
  - FLY CONTROL
  - IMPLANTS
- TREATMENT PROTOCOL

Diagnosis

- ROUTINE HEALTH OBSERVATIONS
- PROPER DIAGNOSIS
- IDENTIFY TREATMENT PROTOCOL
- PROPER RESTRAINT
- TREATMENT
- RECORD TREATMENT / ID
- FOLLOW UP OBSERVATIONS
Animal Health Labels

- PRODUCT NAME
- ACTIVE INGREDIENT
- USE/DOSAGE
- WITHDRAWAL TIME
- STORAGE INFORMATION
- EXPIRATION DATE
- LOT NUMBER

Animal Health Labels

Compendium of Veterinary Products

WEBSITE: BAYERALL.NACCVP.COM
MOBILE APP: GOOGLE PLAY - NORTH AMERICA COMPRENDIUM
APP STORE - CVF VET

Syringe and Needle Size

SYRINGE
- CLEAN
- STERILE

NEEDLE SIZE
- ANIMAL SIZE
- PRODUCT
Changing Needles

How often do you replace your needles?

Proudly Producing Safe, Wholesome and Healthy Beef

Animal Health Product Administration

ADMINISTRATION TECHNIQUE
• SUB Q
• INTRAMUSCULAR
• INTRA-NASAL
• INTRAVENOUS

LOCATION
• NECK REGION
• 10 CC PER INJECTION SITE
• 4" OR HANDS WIDTH BETWEEN INJECTIONS

Remote Delivery Systems

BQA CONCERNS
• PROPER INJECTION SITE
• CORRECT ROUTE OF ADMINISTRATION
• CORRECT DOSAGE
• BROKEN NEEDLES IN MUSCLE/CARCASS
• CONSIDER THE BEST WELFARE FOR THE ANIMAL

Handling Vaccines and Health Products

• TRANSPORTING ANIMAL HEALTH PRODUCTS
  - CLOSED
  - APPROPRIATE TEMPERATURE
• STORING ANIMAL HEALTH PRODUCTS
  - OUT OF DIRECT SUNLIGHT
  - APPROPRIATE TEMPERATURE
• MIXING MODIFIED LIVE VACCINES
  - AS NEEDED
  - NO MORE THAN ONE HOUR PRIOR

Record Keeping

• HEALTH PRODUCT INVENTORY
• PROCESSING RECORDS
• TREATMENT RECORDS
• WITHDRAWAL TIMES AND MAXIMUM RESIDUE LEVELS
• FEEDSTUFF INVENTORIES
• FEED ADDITIVES
  RECOMMEND MAINTAIN FOR 3 YEARS

Record Keeping

2015 RANGE BEEF COW SYMPOSIUM, LOVELAND, COLO.
Resources

- UNL BEEF PAGE (BEEF.UNL.ED U)
- NEBRASKA BQA (BQA.UNL.ED U)
- NATIONAL BQA (BQA.ORG)
- COMPENDIUM OF VETERINARY PRODUCTS (BAYER)

Questions??