

Recommended Wellness Plan for Adult Bovine

BASIC HEALTH EXAMS:

- **Breeding Cows-** We recommend that all breeding cows be examined each year for pregnancy determination, udder evaluation, and dental check. This is best done when the cow is believed to be between 3-5 months pregnant. Vaccinations and deworming can also be done at this time.
- **Breeding Bulls-** We recommend that all breeding bulls have a breeding soundness evaluation (BSE) and *Tritrichomonas foetus* test performed each year. This is best done 60 days before the start of the breeding season.

VACCINATIONS: ** see chart below for vaccine brand selection**

- **Breeding Cows & Breeding Bulls:**
 - Respiratory
 - Clostridial/Blackleg
 - Vibrio/Lepto (give twice the labeled dose to bulls)
- **Calves** - 1st dose one month before weaning (4-6 months of age), then booster at weaning:
 - Respiratory
 - Clostridial/Blackleg
 - Tetanus (for males at the time of castration)
 - Brucellosis (for females between the age of 4-12 months only, must be performed by an accredited veterinarian)

DEWORMING: Rotational deworming is no longer recommended due to increases in resistance.

- **Routine deworming for all, healthy bovine-** Ivermectin products (either pour-on or injectable) are recommended up to twice a year to prevent excessive gastrointestinal worm burdens. This is most commonly performed in the late spring and late fall.
- **High-risk liverfluke populations-** Flukicide products are most commonly used in the late fall in areas where liver flukes are present. These products include Valbazen and Clorsulon (Ivermectin Plus).
- **Deworming for heavily parasitized bovine-** For bovine herds showing signs of gastrointestinal parasite disease (diarrhea, anemia, and poor body condition), it is important to determine what parasites are causing the disease before selecting a deworming product. This is done by performing a McMaster's egg per gram fecal evaluation.

- **Respiratory: Vaccine: Virashield 6, Vista 5 SQ**
 - Infectious Bovine Rhinotracheitis (IBR)
 - Bovine Viral Diarrhea (BVD)
 - Bovine Respiratory Syncytial Virus (BRSV)
 - Parainfluenza Type 3 (PI3)
 - *Haemophilus somnus*
 - *Mannheimia (Pasteurella) haemolytica*
- **Clostridial/ Blackleg: Vaccine: Cavalry 9, Covexin 8, Vision 8**
 - Clostridium sp. (chauvoei, septicum, novyi type B, haemolyticum, sordelli)
- **Tetanus: Vaccine: Tetguard, included with Cavalry 9 and Covexin 8**
 - Clostridium tetani
- **Vibrio/Lepto: Vaccine: VL 5 SQ (Double dose Adult Bulls)**
 - Campylobacter fetus (Vibrio)
 - Leptospira sp. (canicola, grippityphosa, hardjo, icterohaemorrhagiae, pomona)
- **Brucellosis: (for females between the age of 4-12 months ONLY)**
 - Brucella abortus