

Lesson 1 Quiz

Health Management for Reproduction

1. Cows with a BCS of 5-6 will usually cycle back in how many days after calving?

COWS WITH A BODY CONDITION SCORE OF 5-6 AT CALVING TEND TO CYCLE BACK WITHIN 60 DAYS AFTER CALVING. ADDITIONALLY COWS IN 5-6 BODY CONDITION WILL GENERALLY PRODUCE QUALITY COLOSTROM AND CONSEQUENTLY A HEALTHY, VIGOROUS CALF.

2. What is the ideal BCS of a cow?

IDEALLY, COWS SHOULD HAVE A BCS OF 5-6 AND FIRST CALF HEIFERS SHOULD HAVE A BCS OF 6

3. Name 2 infectious diseases that can cause abortions in cows?

- ◆ BOVINE VIRAL DIARRHEA (BVD)
- ◆ INFECTIOUS BOVINE RHINOTRACHEITIS (IBR)
- ◆ LEPTOSPIROSIS (LEPTO)
- ◆ CAMPYLOBACTERIOSIS (VIBRIO)
- ◆ TRICHOMONIASIS (TRICH)
- ◆ NEOSPORA

4. True or False Cows in poor body condition will most likely produce quality colostrom and vigorous calves.

FALSE, COWS IN POOR BODY CONDITION WILL USUALLY HAVE POOR COLOSTROM, WEAK CALVES AND POOR FERTILITY RATES.

5. Name the two most common causes of infertility problems in beef herds.

NUTRITION AND INFERTILE BULLS. TO REDUCE YOUR FERTILITY PROBLEMS WATCH YOUR HERD NUTRITION BY MONITORING COW BODY CONDITION AND CONDUCT BREEDING SOUNDNESS EXAMS ON YOUR BULLS.

6. The breeding soundness exam on a mature bull should be performed how many days before the start of breeding season?

30 TO 60 DAYS BEFORE THE START OF EACH BREEDING SEASON. THE TEST IS BEST USED ON BULLS THAT ARE AT LEAST 12 MONTHS OLD.

7. Name the two reproductive diseases that bulls can carry and transmit to cows during the breeding act.

CAMPYLOBACTERIOSIS (VIBRIO) AND TRICHOMONIASIS

THESE DISEASES CAN BE FOUND IN BULLS WITH PRIOR BREEDING EXPERIENCE. A TEST CAN BE DONE BY TAKING A SAMPLE OF FLUID OR MUCOUS FROM THE SURFACE OF THE PENIS OR FROM THE PREPUTIAL CAVITY.

8. The breeding soundness exam should be performed on bulls that are at least how old?

BULLS SHOULD BE ATLEAST 12 MONTHS OLD. WHEN YOUNGER BULLS ARE TESTED THERE IS A LARGER PERCENTAGE OF BULLS THAT WILL NEED TO BE RETESTED.

9. What one factor has the greatest impact on reproduction?

NUTRITION HAS THE GREATEST IMPACT ON REPRODUCTION. EVALUATION OF BODY CONDITION SCORES IS THE BEST WAY TO MONITOR YOUR COW HERD NUTRITION.

10. List the four factors considered in a Breeding Soundness Examination?

- ◆ AN EVALUATION OF THE BULL'S PHYSICAL CHARACTERISTICS, ESPECIALLY GENERAL HEALTH, FEET AND LEGS, AND BODY CONDITION SCORE.
- ◆ RECTAL PALPATION OF THE BULL'S INTERNAL REPRODUCTIVE ORGANS
- ◆ PALPATION OF THE TESTICLES AND DETERMINATION OF THEIR SIZE BY MEASUREMENT OF THE SCROTAL CIRCUMFERENCE (SC)
- ◆ ELECTROEJACULATION TO OBSERVE THE PENIS AND OBTAIN A SEMEN SAMPLE FOR MICROSCOPIC EVALUATION OF AT LEAST 100 SPERM FOR NORMAL VIGOR AND SHAPE.