

Evaluation

Circle the letter that corresponds to the best answer.

1. What factor does not affect the nutritional needs of livestock?
 - a. Production function
 - b. Size of the animal
 - c. Level of output
 - d. Breed of the animal

2. Which animal has the highest forage quantity requirements?
 - a. Bull, during breeding season
 - b. Bull, out of breeding season
 - c. Mature, unbred dry cow
 - d. Mature, high-lactating cow

3. During breeding season, a bull has a daily forage dry matter intake requirement of how much of his body weight?
 - a. 2%
 - b. 2.5%
 - c. 3%
 - d. 3.5%

Complete the following short answer questions.

4. At what time does the livestock herd have the highest forage quality requirement?

5. What are four types of production functions that determine nutritional needs of livestock?

a.

b.

c.

d.

6. Calculate the daily forage dry matter needs of this beef herd:

1 bull - 2,500 lbs., during breeding season

15 heifers - average weight of 700 lbs.

45 lactating cows - average weight of 1,100 lbs., average milk producers