

Return test and contract to the BQA coordinator, MSU College of Veterinary Medicine.

Write the letter for your answer to each of the following questions.

1. ____ True or False: All products labeled for intra-muscular (IM) use should be given in the neck region only (no exceptions, regardless of age). (Page 9, 19)
2. ____ Who can legally prescribe the extra-label use of any feed additive? (Page 11)
a) feed supplier b) veterinarian c) both a and b d) no one
3. ____ When giving a subcutaneous (SQ) injection to a calf that weighs 500 lbs., which needle is recommended? (Page 20)
a) 18 gauge x 1-inch b) 18 gauge x $\frac{5}{8}$ -inch c) 20 gauge x 1-inch d) 16 gauge x $1\frac{1}{2}$ inch
4. ____ Which of the following is NOT true when giving injections? (Page 9, 19)
a) give injections within the injection zone triangle c) when possible, use IM injections
b) tent skin for all subcutaneous (SQ) injections d) space injections 4 inches apart
5. ____ For a vaccine to be most effective it must be: (Page 21)
a) kept out of direct sunlight and UV light c) given in a clean injection site
b) kept cool at all times d) all of the above
6. ____ Non-fed beef (cull cows and bulls) must follow MS-BQA regulations. Non-fed beef makes up what percentage of total U.S. beef production? (Page 7)
a) 30-35 percent b) less than 5 percent c) 7-12 percent d) 15-20 percent
7. ____ True or False: All products cause tissue damage when injected IM. Therefore, avoid IM use if possible. (Page 9)
8. ____ Bruising in non-fed cattle is a big problem because: (Page 7)
a) they have less fat cover c) they have a higher incidence of lameness
b) they encounter more situations where bruising can occur d) all of the above
9. ____ The MS-BQA program is designed to assist producers to (Page 4)
a) set production standards c) be educated on industry issues and practices
b) establish systems for data retention and record keeping d) all the above
10. ____ Under MS-BQA guidelines, records should be kept for at least: (Pages 8-9, 16)
a) 3 years b) 2 years c) 1 year d) until the cattle have been transferred
11. ____ True or False: Over the counter (OTC) drug dosage can be adjusted by a veterinarian within the context of a valid veterinarian-client-patient relationship. (Page 12)
12. ____ The federal mammalian protein ban prohibits the use of what by-products in formulating ruminant feed products? (Page 10)
a) Dried distillers grains b) Meat and bone meal c) Whole cottonseed d) Rice bran
13. ____ Which of the following is a desirable industry target for carcass characteristics? (Page 24)
a) Ribeye area (REA) > 15 square inches b) Carcass weight between 650-850 lbs.
c) Highest yield grade (YG) 4 or 5 d) Fat thickness < 0.25 inches
e) All of the above are desirable carcass characteristics
14. ____ Responsible culling includes all of the following except (Page 25)
a) marketing cull animals after they have a terminal condition or pose a public health threat
b) marketing animals before eye lesions become advanced
c) marketing cull animals after all withdrawal times have been cleared
d) performing annual health checks on your animals for eye, feet/leg, udder, and reproductive concerns
e) marketing cull animals before they reach a poor body condition score (BCS 1-2) or become severely emaciated
15. ____ Infectious disease can be spread by (Page 27)
a) footwear b) feedstuffs c) sick cattle d) healthy cattle e) all of the above

Mississippi Cattlemen's Beef Quality Assurance Program Checklist and Contract

- I am committed to producing beef cattle that are safe, wholesome, high quality, and consistent. I will produce beef cattle in an environmentally sound manner. To do this, I will strive for the following:

Feedstuffs/Feed Additives

- I will keep up a quality feed control program for all incoming feed ingredients.
 I will use only FDA-approved medicated feed additives in rations.
 I will observe proper withdrawal times for all additives and pesticides/herbicides to avoid residues that violate guidelines.
 I will not feed ruminant-derived protein sources.

Processing/Treatment and Records

- I will take part in extra-label drug use only when prescribed by a veterinarian with a valid veterinarian-client-patient relationship.
 I will keep records for all treatments (individual or group) following BQA-suggested record-keeping guidelines. I will keep these for at least 3 years.
 I will make sure all processing and treatment records move with the cattle to the next production level.

Injection-Site Management

- I will give all injections in the neck region only. This includes both subcutaneous and intramuscular injections.
 I will strictly follow only FDA, USDA, or EPA guidelines for all individual treatments. I will avoid using products that cause tissue damage.

Care and Husbandry Practices

- I will follow animal care and well-being guidelines that conform to good veterinary and husbandry practices to avoid bruising, stress, or injury.
 I will regularly evaluate and implement biosecurity practices.

By signing the BQA contract, I agree to follow all BQA program standards and guidelines listed above.

Signature: _____ Date: _____ BQA Certification #: _____

Name: _____ Business Name: _____

Address: _____ City: _____ ST: ____ Zip: _____

E-mail: _____ Phone: _____ Fax: _____

Circle those that apply to your business: Feedlot Cow/Calf Seedstock Stocker Other

Employees, please list employer's name and address:

Please mail completed test and contract to
 Mississippi Beef Quality Assurance Program
 Dr. Carla Huston, BQA Program Coordinator
 P. O. Box 6100 · College of Veterinary Medicine · Mississippi State, MS 39762
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