

AJLA 2017 Quiz Bowl Questions

1. What does term “cow” mean? The term “cow” means that the animal is a female and has had a calf.
2. What does the term “calf” mean? The term “calf” means that the animal is under a year old.
3. What does the term “steer” mean? The term “steer” means that the animal is a male and has been castrated.
4. What does the term “bull” mean? The term “bull” means that the animal is a male that has not been castrated.
5. What does the term “heifer” mean? The term “heifer” means that the animal is a female that has not had a calf.
6. Why are cull bulls or cows taken out of the herd? Cull bulls or cows are taken out of the herd because they are either too old or not performing.
7. What are “finished cattle”? Finished cattle are those ready for harvesting.
8. What are 2 examples of animal rights activist groups? PETA and ELF are 2 examples of animal rights activist groups.
9. Who sponsors the Beef Ambassador Competition? The Beef Ambassador Competition is sponsored by the Arizona State Cowbelles.
10. What is the main purpose of the Beef Ambassador program? The purpose of the Beef Ambassador program is to train youth spokespersons for the promotion of the beef industry.
11. What does ACGA stand for? ACGA stands for Arizona Cattle Growers’ Association.

12. What does NCBA stand for? NCBA stands for National Cattlemen's Beef Association.
13. What ROB stand for? ROB stands for Restore Our Borders.
14. What is the main purpose of the ROB plan? ROB is a plan to secure the international border.
15. What does BQA stand for? BQA stands for Beef Quality Assurance.
16. What is BQA's main purpose? BQA is a national program that provides guidelines for cattle production.
17. What does COOL stand for? COOL stands for Country of Origin Labeling.
18. What is the official logo of NCBA? The official logo of NCBA is Beef USA.
19. What does ESA stand for? ESA stands for Endangered Species Act.
20. Who is the president of AZ Junior Livestock Association? Matt Bell is the current president of AJLA.
21. Who is the current president of AZ Cattle Growers' Association? Jim O'Haco is the current president of ACGA.
22. Who is the current president of the AZ State Cowbells? Carole Wagner is the current president of ASC.
23. Who is the current president of the AZ Cattle Feeders' Association? William Sawyer is the current president of the ACFA.
24. Who is the current president of the AZ Wool Producers' Association? Joe Auza is the current president of the AWPA.
25. Who is the current president of American National Cattle Women? Peggy Zimmerman is the current president of ANCW.

26. Who is the current president of the AZ Cattle Industry Research and Foundation?
Chuck Backus is the current president of the ACIRF.
27. In 1988, what 2 special awards did ACGA establish? In 1988, ACGA established two very special awards called “Cattleman of the Year” and “Top Wrangler of the Year”.
28. Why is the “Cattleman of the Year” awarded? “Cattleman of the Year” is awarded in recognition of an Arizona cattle producer or cattle feeder member whose contributions to the cattle industry has been exceptional.
29. Why is the “Top Wrangler of the Year” awarded? “Top Wrangler of the Year” recognizes individuals from all levels whose contributions to the cattle industry have been outstanding.
30. What is the most important resource, not only to ranchers, but people? Water is most important resource.
31. How can you become an advocate of the cattle industry? You can become an advocate by sharing how ranchers develop and maintain water sources for wildlife, as well as, cattle, protect endangered species habitats, and reduce invasive species on our rangelands.
32. Why is proper identification of rangeland plants crucial? Proper identification of rangelands plants is critical in determining rangeland health and contributes to range management decisions.
33. What can you do when media has something negative to say about the cattle industry? We can continue to educate ourselves on how to communicate what we do for the land and our environment.

34. What percentage of U.S. family businesses makes it to the second generation?

Only 40% of U.S. family businesses make it to the second generation.

35. What advice would you recommend to ranchers with multiple generations?

Advice for ranchers with multiple generations is to have clear communication and a formalized, unified vision.

36. Name 4 challenges multi-generational ranches should consider:

- Complacency, Communication, Varied visions, and Off-farm family members

37. What types of specialized beef are available? Grain-finished, grass-finished, natural, and certified organic beef.

38. How many people does today's American farmer feed? Today's American farmer feeds about 155 people worldwide compared to 60 people in 1960.

(farmersfeedus.org)

39. Where does lean "grinding" beef come from? Lean "grinding" beef mainly comes from cull cows and bulls.

40. There are 29 lean cuts of beef, what are some examples? Some examples are tri tip, t-bone, top sirloin, round, bottom, chuck, brisket, flank, strip, and tenderloin.

41. According to the USDA, how many grams of fat can a 3-ounce serving of lean beef have? According to the USDA, lean cuts of meat (3-ounce serving) have *less than* 10 grams of fat.

42. Beef is known for its ZIP, why is zinc important to the human body? Zinc is involved in energy metabolism during physical activity and plays a role in muscle building and recovery.

43. Beef is known for it's ZIP, why is iron important to the human body? Iron helps deliver oxygen to working muscles and is required for energy metabolism.
44. Beef is known for it's ZIP, why is protein important to the human body? Protein helps maintain a healthy weight, build muscles, and fuel physical activity.
45. Beef also contains vitamin B, why is vitamin B important to the human body? Vitamin B helps convert food that you eat into energy to fuel activity.
46. What is a modern and affordable marketing tool that every livestock producer should be using? A modern and affordable marketing tool that every livestock producer should be using today is a ranch website.
47. What does BSE stand for? BSE stands for Bovine Spongiform Encephalopathy, which is also called Mad Cow Disease.
48. Where is BSE found in the cow? BSE is only found in the central nervous system tissues such as the brain and spinal cord.
49. Where and when was Mad Cow Disease first discovered? Mad Cow Disease was first found in a dairy cow in Washington State in 2003.
50. The outbreak of Mad Cow Disease had a devastating affect on the cattle industry, how long did it take for the industry to recovery? It took the cattle industry 3 years to recover from the first BSE outbreak.
51. What kinds of activities does the Foundation's Outreach program support? The Foundation's Outreach program supports:
- Public workshops that educate or contribute to healthy and open landscapes
 - Community fair exhibits
 - 4H judging

- Book publication
- Summer Ag Institute.

52. What does LFTB stand for? Lean Fine Textured Beef.

53. How lean is LFTB? LFTB is 90-95% lean.

54. Explain Lean Fine Textured Beef. Lean Fine Textured Beef is when steaks and roasts are cut; it creates the “trim” that becomes ground beef. Then, they remove the fat by heating up the trimmings to liquefy the fat and add the concentrate to ground beef.

55. Why is ammonia hydroxide added to food? Ammonia hydroxide is added to many foods to prevent bacteria from forming.

56. How much of the greenhouse gases produced is produced by agriculture vs. fossil fuels? ALL of agriculture contributes only 5.6% of greenhouse gases, whereas fossil fuels contribute 85% of greenhouse gases.

57. What is the correct internal cooking temperature to ensure safe and savory beef?
160 degrees. (farmersfeedus.org)