

2022 AJMAA and AJCA National Junior Heifer Show Quiz Bowl Study Guide

The Quiz Bowl contest at the NJHS is designed to give junior members an opportunity to learn skills, facts and in-depth knowledge of the beef cattle industry. Topics that can be covered could range from breed(s) history, general animal science information, genetics and EPDs, meat science, bovine health and feedstuffs, etc.

We recommend using the following sites to prepare for the 2022 Quiz Bowl contest. Questions will be pulled from each of these sources, but will not be limited to these sources. We encourage participants to be well rounded in their knowledge of the beef industry.

1. The Beef Improvement Federation Guidelines
 - a. http://guidelines.beefimprovement.org/index.php/About_BIF
2. TAMU Meat Identification
 - a. <https://aggiemeat.tamu.edu/meat-identification-pictures/>
3. University of Kentucky Animal Science Information
 - a. <https://afs.ca.uky.edu/livestock-discovery>
4. Livestock Equipment Identification Slideshow
 - a. <https://quayextension.nmsu.edu/documents/livestock-equipment-id.pdf>
5. 4-H Beef Quiz Bowl Question Bank
 - a. https://texas4-h.tamu.edu/wp-content/uploads/texas4h_quiz_bowl_beefquestions_03_14.pdf
6. Texas Beef Quality Assurance Program Handbook
 - a. <https://texasbeefquality.com/wp-content/uploads/2019/11/BQA-2019.pdf>
7. American Maine-Anjou Association Website
 - a. www.maine-anjou.org
8. American Chianina Association Website
 - a. www.chicattle.org
9. Sullivan Supply Stock Show University Online
 - a. [Stock Show U Online – Cattle – Sullivan Supply, Inc.](http://StockShowUOnline.com)
10. Sure Champ In the Classroom Resources
 - a. [Sure Champ in the Classroom - Sure Champ](http://SureChamp.com)

Quiz Bowl Example Questions

Here are some general questions that may be asked so participants can have an idea of what the questions will be like. In the Rookie and Junior divisions, the family feud style round will have multiple choice questions. In the other rounds and other age divisions, answer choices will not be given.

Rookie Division Questions

1. An animal's sire is his/her?
 - a. Brother
 - b. Sister
 - c. Father
 - d. Mother
2. What continent did the Maine-Anjou & Chianina breeds originate on?

Junior Division Questions

1. What term best describes an animal's ancestry?
 - a. Phenotype
 - b. Pedigree
 - c. Performance
 - d. Progeny
2. What country is the largest beef producer?

Intermediate Division Questions

1. What is the average gestation length of a cow?
2. What do you call high energy source feeds?

Senior Division Questions

1. CIDR's control the release of what hormone in cattle?
2. Name one of the purposes of the Beef Improvement Federation.