

2024 National 4-H Livestock Quiz Bowl Reference Materials

The following is a list of references that will assist in preparing for livestock quiz bowl contests that involve beef, sheep, meat goat, and swine. Please note that actual references may deviate from this list in an effort to keep current with a rapidly changing livestock industry. Suggested study materials include but are not limited to:

STANDARD REFERENCES:

No endorsement of non-4-H resources is granted or implied by 4-H. 4-H is not responsible for the information found through these resources, nor does it endorse them or their content.

4H 134R Swine Resource Handbook for Market and Breeding Projects – The Ohio State University

<https://extensionpubs.osu.edu/swine-resource-handbook-for-market-and-breeding-projects/>

4H 194R Sheep Resource Handbook for Market and Breeding Projects – The Ohio State University

<https://extensionpubs.osu.edu/sheep-resource-handbook-for-market-and-breeding-projects/>

4H 4200 Beef Resource Handbook – University of Nebraska

<https://marketplace.unl.edu/extension/4h4200.html>

4H 135R Goat Resource Handbook – The Ohio State University

<https://extensionpubs.osu.edu/goat-resource-handbook/>

4-H Materials – the following are available at:

<https://shop4-h.org/collections/animal-agricultural-science-curriculum>

- 08065 Swine 1: The Incredible Pig
- 08066 Swine 2: Putting the Oink in Pig
- 08067 Swine 3: Going Whole Hog
- 08068 Swine - Helper's Guide
- 08143 Beef 1: Bite into Beef
- 08144 Beef 2: Here's the Beef
- 08145 Beef 3: Leading the Charge
- 08146 Beef – Helper's Guide
- 06367 Sheep 1: Rams, Lambs, and You
- 06368 Sheep 2: Shear Delight
- 06369 Sheep 3: Leading the Flock
- 06370 Sheep – Helper's Guide
- 07909 Meat Goat 1: Just Browsing
- 07910 Meat Goat 2: Growing with Meat Goats
- 07911 Meat Goat 3: Meating the Future
- 07912 Meat Goat - Helper's Guide
- 08455 Exploring Beef Health & Husbandry
- 08456 Exploring Swine Health & Husbandry
- 08744 Understanding & Applying Veterinary Science - Behavior
- 08745 Understanding & Applying Veterinary Science – Vitals on Vitals
- 08746 Understanding & Applying Veterinary Science – Understanding Disease

Transmission and Risks

- 08748 Understanding & Applying Veterinary Science – Principles of Bio Security
- 08749 Understanding & Applying Veterinary Science – Concepts in Animal Care
- 08051 Veterinary Science Curriculum Helper's Guide
- 08048 Veterinary Science Curriculum Level 1: From Airedales to Zebras
- 08049 Veterinary Science Curriculum Level 2: All Systems Go
- 08050 Veterinary Science Curriculum Level 3: On the Cutting Edge

The following resources are available at:

<https://marketplace.unl.edu/extension/catalogsearch/result/?q=animal+science>

Veterinary Science:

- 4H131 Veterinary Science Unit 1: The Normal Animal
- 4H48 Veterinary Science Unit 2: Animal Disease
- 4H133 Veterinary Science Unit 3: Animal Health and Its Relationship to Our World
- 4H192 Veterinary Science: Leaders Guide

Additional References:

- Iowa Beef Center: <http://www.iowabeefcenter.org/>
- Sheep Production Handbook: <https://sheepusa.org/shop>
- Sheep 101 - <http://www.sheep101.info/>
- Sheep 201 - <http://www.sheep101.info/201/>

The 4-H Meat Goat Project: An Introduction:

http://www.uwyo.edu/4-h/projects/_manuals/meat-goat-manual.pdf

[PQAPlus Education Handbook, Version 3](#)
[The Pork Store – Youth Education](#)

<http://www.cfsph.iastate.edu/Secure-Food-Supply/>
<http://www.cfsph.iastate.edu/YouthInAg/>

CURRENT EVENT REFERENCES:

A small percentage of questions will be based on current events in the beef, sheep, meat goat, and swine industries. Since studying from these may appear to be overwhelming, keep these points in mind. Think about significant issues that have affected the livestock industry in many ways such as: animal diseases, exports, animal ID, environmental issues, and regulatory changes. The following on-line resources maybe used to develop these questions taken from the January through October of the current year:

1. American Sheep Industry Magazine website at:
<https://www.sheepusa.org/newsmedia-sheepindustrynews>
2. North American Meat Institute website at: <https://www.meatinstitute.org/>
3. Pork website at: <https://www.porkbusiness.com/>
4. Beef Magazine website at: www.beefmagazine.com
5. National Hog Farmer Magazine website at: <https://www.nationalhogfarmer.com/>
6. Drovers website at: <https://www.drovers.com/>
7. American Boer Goat Association website at: <http://www.abga.org/>
8. Feedstuffs Magazine website at: <http://www.feedstuffs.com/>