



NEW HAMPSHIRE 4-H DAIRY KNOWLEDGE BOWL

**PLEASE READ THIS
PACKET
COMPLETELY!**

- **Date:** Saturday, March 11, 2023
- **Time:** 9:30am to 4:00pm
- **Location:** Merrimack Valley High School
- **Registration Deadline:** Entries, fees and questions must be received by March 1, 2023.
 - It is acceptable to fax or email questions and entries and then mail payment or pay at the event.
 - **Submit all knowledge bowl questions in Word or Excel via email to – mary.davis@unh.edu**



ELIGIBILITY/TEAM FORMATION:

1. Each county may enter an unlimited number of youth in the junior, intermediate and senior divisions. Teams of less than three youth will be assigned additional players up to the maximum of four players per team. Each team/individual must have their own coach/supervisor on the day of the contest. Teams will stay together during the contest.
2. Junior contestants must be 4-H members 8-10 years old as of January 1 of the current year, Intermediate contestants must be 4-H members 11-13 years old as of January 1, of the current year, Seniors are 14-18 years old as of January 1, of the current year.
3. Members of previous NH state teams that have gone to national competition are not eligible.
4. All contestants must be regularly enrolled 4-H members but not necessarily enrolled in a dairy project.
5. All members of the State team need to have a \$100 deposit as well as sign the Intent to Be a Team Member form.

GENERAL:

1. Please bring a bag lunch; no contestant may leave once the contest has started.
2. A non-refundable entry fee of \$5.00 **per individual member** must accompany entry form. Checks should be made payable to: UNH Cooperative Extension Mary Davis **at (603) 862-2188 or mary.davis@unh.edu**

UNH Cooperative Extension is an equal opportunity educator and employer. UNH, U.S. Dept. of Agriculture and NH counties cooperating. Our policies and programs are consistent with pertinent Federal and State laws and regulations prohibiting discrimination on the basis of race, color, national origin, sex, gender identity (including gender expression), sexual orientation, disability, age, marital status, familial/parental status, income derived from a public assistance program, political beliefs, reprisal or retaliation for prior civil rights activity

NH 4-H DAIRY KNOWLEDGE BOWL - QUESTIONS & SOURCES OF INFORMATION

Each county must submit 40 questions by March 1, 2023. Questions must be designated for the junior, intermediate or senior division (if a county has junior, intermediate or senior entries, they should submit 40 questions for each division) and must be referenced to the publication and page of the reference where the information can be found. Each county should submit 20 single answer questions, and 20 questions with multiple answers. NO true/false, yes/no or similar questions will be accepted.

Submit all questions in Excel by email to mary.davis@unh.edu by March 1, 2023.

ALL 4-H DAIRY KNOWLEDGE BOWL QUESTIONS MUST COME FROM THE REFERENCE LIST BELOW:

REFERENCES FOR ALL AGE DIVISIONS:

- Literature and videos from PDCA website: <http://www.purebreddairycattle.com/pages/Literature.php>
 - [PDCA Uniform Scorecard for Judging Junior Dairy Fitting and Showmanship Contests](#)
 - [PDCA Dairy Cow Unified Score Card](#), revised in 2009
- 4-H Dairy Curriculum available at: <https://4-h.org/parents/curriculum/dairy-cattle/>
 - Cowabunga
 - Mooving Ahead
 - Rising to the Top
- Showring Ready (Holstein Foundation)
http://www.holsteinfoundation.org/pdf_doc/workbooks/Showring_Ready_Workbook.pdf
- Showmanship...Leading to Win (Holstein Canada) RECENTLY UPDATED – use version with heifer ear tag #668 on the cover. <https://www.holstein.ca/PublicContent/PDFS/EN/ShowmanshipLeadingToWin.pdf>

JUNIOR REFERENCES:

- Virginia 4-H Dairy Quiz Bowl Study Materials (2022): Chapters 1-9 and 14 (the **YELLOW** highlighted sections only) in this packet following the entry forms.
<https://www.youth.dasc.vt.edu/quiz-bowl.html>

INTERMEDIATE REFERENCES:

- Hoard's Dairyman: January 2022 - December 2022
- Virginia 4-H Dairy Quiz Bowl Study Materials (2022): Chapters 1-14 (all of ch 1-9 & 14. Only the **BLUE** highlighted sections chapters 10-13) in this packet following the entry forms.
<https://www.youth.dasc.vt.edu/quiz-bowl.html>

SENIOR REFERENCES:

- Hoard's Dairyman: January 2022 - December 2022
- Virginia 4-H Dairy Quiz Bowl Study Materials (2022)
<https://www.youth.dasc.vt.edu/quiz-bowl.html>

Question Format: Questions should be submitted in the following format using Excel and emailed to mary.davis@unh.edu by **March 1, 2023**.

QUESTION FORMAT SUBMISSION EXAMPLE:

Division	Question	Answer	Source	Page
JR	What are stages of a female dairy animal's life from birth to weaning?	1. Calf 2. Heifer 3. Cow	VI QB Ch. 5	12

NH 4-H DAIRY KNOWLEDGE BOWL - RULES OF PLAY

AGE DIVISIONS:

- Junior (8-10 years old) (formerly novice)
- Intermediate (11- 13 years old) (formerly junior)
- Senior (14 years and older)

COMPETITION BETWEEN TEAMS WILL BE IN THREE PHASES:

- **PHASE A:** Each individual will take a 25-question written quiz with each question being worth 5 points. No deductions will be made for wrong answers.
- **PHASE B – JUNIOR and INTERMEDIATE:** Team Questions: Teams are brought in the room individually. Both teams are asked the same set of questions. Each team will be asked four questions; they are to be answered by the team captain. Members of the team can discuss the question and answers. Each question is worth three points. The answer must begin within 20 seconds.
- **PHASE B - SENIORS:** Team questions. Each team will be asked five questions. Answers are to be given by the team captain, but assistance may come from any team member. Correct responses are worth ten points. A question may be repeated only once. Answers must be started within 20 seconds and completed within an additional 60 seconds. Partial credit may be given at the discretion of the judges. After one team has been questioned, the other team will enter the contest room and be asked the same five questions.
- **PHASE C:** Double elimination system. Each team will repeat this phase until the team has lost twice. The winning team is the team that is left after all other teams have lost twice.

Fifteen (15) questions will be asked. Each correct answer will be worth 15 points.

1. The team match up for this phase will be determined randomly.
2. The first team to signal will answer the question within 5 seconds of being acknowledged by the moderator. Any member answering a question without being acknowledged by the moderator will lose 10 points. If an incorrect answer is given, the other team will have the opportunity to answer the question after having it re-read once. The moderator may not ask a contestant to explain an answer. There are no deductions for wrong answers.
3. If neither team can offer an answer to the question within 10 seconds, the moderator will give the answer and the question will be dropped.
4. When a signal is pushed before the question is completely read, the moderator will stop reading the question when the light goes on; the moderator will not finish reading the question. The contestant pushing the signal may answer the question after being recognized. If correct, the team member will receive credit. If the answer is wrong or incomplete, the question will be re- read in its entirety for the other team who will have an opportunity to answer it.

5. To encourage full team participation, bonus questions will be offered to a team when three members of that team have answered a question correctly. This will be indicated by a line drawn under the first correct answer by each participant up to three participants. The staggered line is repeated for each bonus opportunity. A time limit of 20 seconds will be allowed for a team to start their answer to a bonus question. There shall be no penalty for missing a bonus question. Bonus questions are worth 20 points, and partial credit may be awarded for a bonus.

CHALLENGING DECISIONS & TIME OUTS:

Answers and interpretation of questions will be the sole responsibility and final recall of the judges. A team member will have the privilege to ask the judge to verify an answer he/she feels is incorrect; the team member calling attention to the problem must do this by asking for "time out" before the next question is read. **If a coach challenges a judge's decision, the coach must call "time out" immediately before the next question is read. A decision made by the judges after the answer is verified will be final. Only the team member and coach may call for "time out". Parents and/or spectators who interfere will be asked to leave the room.**

DETERMINING INDIVIDUAL SCORES:

Individual scores are determined by combining score from Phase A and individual highest two scores from double elimination rounds (Both Phase B & C) for Seniors, and Phase A and C for Intermediates and Juniors. Team bonus scores are not added to individual scores.

TIE BREAKER:

In the event of a tie, a ten-question quiz will be used to determine the winner.

STATE 4-H DAIRY QUIZ BOWL TEAM

All youth who qualify for NH state teams may be asked to pay a portion of their trip expenses. The four high scoring individuals, age 15 or over on January 1, will be eligible to compete as the New Hampshire State 4-H Dairy Quiz Bowl Team with the fifth highest scoring individual being eligible as an alternate. Those individuals selected as top four will be expected to attend monthly practice sessions and submit homework in preparation for the national contest. A \$100 deposit will be collected and returned during the trip to the national contest. Older members who will be entering college in the fall of the national contest are eligible unless they will be taking college-level classes in dairy or animal science. National rules prevent participation of youth taking college courses that relate to a contest. **If you are eligible to be on the New Hampshire State 4-H Dairy Quiz Bowl Team and have intent to qualify for the team, you must attend a MANDATORY meeting with a parent or responsible guardian immediately after the awards ceremony.**

NH 4-H DAIRY KNOWLEDGE BOWL - TEAM ENTRY FORM

- **ENTRY DEADLINE: March 1, 2023.** Entries must be signed and received by this date!
- Please mail entries to: Mary Davis, UNH Extension, Kendall Hall 129 Main St., Durham, NH 03824
- **ENTRY FEE:** \$5 per team member (\$20 per team of four). **Make check payable to:** UNH Cooperative Extension
- **QUESTIONS:** Teams must submit 40 TYPED and NEW que **March 1, 2023.**
- **ONE ENTRY FORM PER TEAM or PARTIAL TEAM PLEASE! Do not mix age divisions on entry forms.**
- *Requests for accommodations due to disabilities (physical, learning, etc.) should be made to Mary Davis (603)862-2188 or email mary.davis@unh.edu on or before the entry deadline.*

4-H COUNTY: _____

TEAM AGE DIVISION (check one): ___ **Junior** (age 8-10) ___ **Intermediate** (age 11-13) ___ **Senior** (age 14-18)

COACH NAME: _____

TELEPHONE: _____ **EMAIL:** _____

MAILING ADDRESS: _____

Please recruit a parent or other 4-H volunteer to help during the day!

HELPER NAME: _____

TELEPHONE: _____ **EMAIL:** _____

YOUTH PARTICIPANT INFORMATION:

1. NAME: _____ **AGE as of 1/1:** _____

TELEPHONE: _____ **EMAIL:** _____

2. NAME: _____ **AGE as of 1/1:** _____

TELEPHONE: _____ **EMAIL:** _____

3. NAME: _____ **AGE as of 1/1:** _____

TELEPHONE: _____ **EMAIL:** _____

4. NAME: _____ **AGE as of 1/1:** _____

TELEPHONE: _____ **EMAIL:** _____

Optional: Alternate to replace one of above, if necessary, on contest day.

5. NAME: _____ **AGE as of 1/1:** _____

TELEPHONE: _____ **EMAIL:** _____

NH 4-H STATE DAIRY QUIZ BOWL TEAM - SENIOR INTENT FORM

Senior members must also complete the attached form indicating their intent/interest in representing NH on the State 4-H Dairy Quiz Bowl team if they are selected. Each senior team member must read and sign the form, whether or not they intend to participate with the state team.

Upon completion of the State 4-H Dairy Quiz Bowl Contest, the four highest scoring senior 4-H contestants, plus the fifth highest-designated alternate that have not previously competed in a national bowl competition will be eligible to receive further coaching in dairy bowl. These four candidates will be eligible to compete as the State 4-H Dairy Quiz Bowl Team that may represent New Hampshire in regional and national competition.

If you are interested in qualifying for the state team, the participant and a parent or responsible guardian needs to attend a MANDATORY meeting following the awards. All five candidates and coaches will participate in an orientation meeting within two weeks after the conclusion of the contest.

The State 4-H Dairy Quiz Bowl Team candidates will work with the coach and the assistant coach and other interested members and leaders at periodic, pre-scheduled practices that will occur at least once per month. The State 4-H Dairy Bowl Team Candidates will also complete homework as assigned by the coach. If team members fail to attend practices or submit homework, the trip to Louisville may be forfeited.

The final team will be named by June 1. The decision is made by the coaches using pre-announced, objective selection criteria. The decision on whether to send a team to the National competition will be made by the coach in conjunction with New Hampshire 4-H Staff. A calendar for all required practices and selection criteria will be determined at the first meeting and shared with all contestants.

As this opportunity requires a great deal of commitment, we ask that you consider this carefully and indicate now whether or not you are interested in pursuing a spot on the state team if selected. This doesn't yet commit you to a team, but simply indicates your interest.

_____ I am only interested in participating in the State 4-H Dairy Quiz Bowl Contest and **do not** want to qualify for the state team and go on to Louisville.

_____ I am interested in qualifying for the State Dairy Quiz Bowl Team.

Participant Name (please print)

Parent/Guardian Name (please print)

Participant Signature

Parent/Guardian Signature (Even if over 18)

Participant Email

Parent/Guardian Email

Participant Phone

Parent/Guardian Phone