

2021 North American Invitational 4-H Dairy Quiz Bowl Celebrating our 42nd Contest Year

November 5-6, 2021

The contest coordinators would like to invite a dairy team from your state to participate in this year's North American Invitational 4-H Dairy Quiz Bowl Contest and/or Educational Experience Scenario. Dairy quiz bowl programs are an excellent teaching tool as well as an opportunity for competition, which encourages young men and women to prepare for an in-depth learning experience that benefits them greatly in their future studies and life-long learning skills.

We hope that a team from your state can participate in the fun and educational opportunities in 2021. If you are not responsible for the 4-H dairy educational activities, **please forward** this email to the appropriate person or contact.

For 2021, we are offering youth two separate learning opportunities.

This decision was based on the results from the recent survey. Thanks for your insight. Our educational goals are to provide youth with the opportunity to learn about the dairy industry and the science behind management practices while they develop life skills.

These two learning opportunities for 2021 are:

- 1.) Traditional in-person North American 4-H Dairy Quiz Bowl Contest in Louisville KY on November 5-6.
- 2.) North American 4-H Dairy Educational Experience Scenario- **one** practical, farm-based scenario related to the hypothetical herd's nutrition program to occur from October 8-16, 2021.

States may choose to send a team to either option or both. Team members can be identical or different between these two options as long as they meet eligibility rules for the registered contest.

To register for either or both options, the team must be registered through Eventbrite AND a completed Verification Form signed by both the State Dairy Leader and 4-H Program Leader FOR EACH OPTION.

Educational programs of Kentucky Cooperative Extension serve all people regardless of race, color, age, sex, religion, disability, or national origin. University of Kentucky, Kentucky State University, U.S. Department of Agriculture and Kentucky Counties, Cooperating. Disabilities accommodated with prior notification.

Please note that your state's entry and payment for Dairy Quiz Bowl and/or North American 4-H Dairy Educational Experience Scenario must be made separately through Eventbrite by September 21st at 5 PM EDT. No entries for North American 4-H Dairy Educational Experience will be accepted after this deadline. Dairy Quiz Bowl will accept entries up until October 5th at 5 PM EDT with additional late fees applied.

Links to the rules, registration website (Eventbrite), verification form to be signed by both your state dairy contact and 4-H State Program Leader, schedule, and hotel registration information can be found at the following web site: <https://afs.ca.uky.edu/dairy/north-american-dairy-quiz-bowl>. Please note entry materials and rules are separate for each the North American 4-H Dairy Educational Experience Scenario and the Dairy Quiz Bowl.

Watch for updates on the website above after registration deadline. Any updated information will be posted there.

PLEASE NOTE:

- Registration process for both options is only through Eventbrite. NO other forms of entry will be accepted.
- Registration for in-person Dairy Quiz Bowl is separate from registration for the North American 4-H Dairy Educational Experience Scenario.
- Verification form signed by both the state dairy leader and state 4-H leader must be completed, signed, and emailed from the state dairy leader's email account to Robin Notton for participation in the Quiz Bowl or Scenario. A separate verification form is needed for participation in Quiz Bowl and Scenario.
- Again, this year a block of hotel rooms is being reserved. Reservation information will be available in the near future. Once secured, the hotel link on the website will provide hotel information.

Registration Process for North American 4-H Dairy Educational Experience Scenario

To enter a team from your state, please complete ALL of the following steps:

1. Registration and payments will occur **ONLY** through Eventbrite.

(Event URL is <https://www.eventbrite.com/e/2021-registration-north-american-4-h-dairy-educational-experience-scenario-tickets-164133590989> . NO OTHER FORM of registration will be accepted. Please note completing the required verification form DOES NOT register your team for the contest. Registration at this link is only for the scenario and will not register your team for Dairy Quiz Bowl.

PLEASE NOTE: YOU WILL BE CHARGED ALL FEES ASSOCIATED WITH EVENTBRITE in addition to fees associated with the contest. All fees are non-transferable and non-refundable.

Entry fees for a team:

- On or before Sept 21st at 5 PM EDT- team registration \$17.55 (\$15 team registration plus \$2.55 Eventbrite fee)
- NO Late registration after the deadline—Sorry!

When registering, you will need:

- a. Names of the 3-5 youth participating
- b. Name, email address, and cell phone number of primary coach (denoted as Coach #1- They will receive email with the scenario)
- c. Name, email address, and cell phone number of second coach.
- d. State Dairy Contact's name, email address, and phone number
- e. State 4-H Leader's name, email address, and phone number
- f. Form of credit card payment

Deadline for team registration (youth participants, coaches) is September 21st at 5 PM EDT. After this date and time, no late registrations will be accepted.

2. A completed and signed verification form, signed by both the official "State Dairy Team/Event Coordinator or Leader" AND "State 4-H Program Leader", must be submitted. This completed verification form should be signed electronically and emailed to robin.notton@uky.edu from the email account of the official State Dairy Team/Event Coordinator by **September 21st 5PM EDT**.
3. No hard copies of any entry or verification forms will be accepted. All entries must occur through Eventbrite.

Registration Process for In-Person North American 4-H Dairy Quiz Bowl Contest

To enter a team from your state, please complete ALL of the following steps:

1. Registration and payments will occur ONLY through Eventbrite.

(Event URL <https://www.eventbrite.com/e/2021-north-american-4-h-dairy-quiz-bowl-only-tickets-164033613955> .)

NO OTHER FORM of registration will be accepted. Please note completing the required verification form DOES NOT register your team for the contest.

PLEASE NOTE: YOU WILL BE CHARGED ALL FEES ASSOCIATED WITH EVENTBRITE in addition to fees associated with the contest. All fees are non-transferable and non-refundable.

Entry fees for a team: (includes lunch and banquet tickets for up to 4 youth plus 1 coach)

- On or before September 21 at 5 PM EDT- team registration total \$346.42 (\$325 plus \$21.42 Eventbrite fee)
- Late registration (September 21 at 5:01 PM EDT through October 5 at 5 PM EDT): \$399.46 (\$375 plus \$24.46 Eventbrite fee) (After October 5 at 5 PM EDT, no teams will be accepted, sorry.)

Additional lunch tickets: \$16.48 (\$14/person plus \$2.48 Eventbrite fee)

Additional banquet tickets: \$22.85 (\$20/person plus \$2.85 Eventbrite fee)

When registering, you will need:

- a. Names of the 4 youth participants
- b. Names of youth alternates, if applicable
- c. Name, email address, and cell phone number of all coaches
- d. Whether any youth or registered coaches have a dietary restriction related to a medical condition. If you answer yes, please send an email describing restriction to damaral@uky.edu before October 1st.
- e. State Dairy Contact's name, email address, and phone number
- f. State 4-H Leader's name, email address, and phone number
- g. Form of credit card payment

Deadline for team registration (youth participants, coaches) is September 21st at 5 PM EDT. After this date and time but before October 5th, a late registration fee will apply. Additional lunch and banquet tickets can be purchased at the time of registration and until October 28th at 11 PM EDT.

2. A completed and signed verification form, signed by both the official "State Dairy Team/Event Coordinator or Leader" AND "State 4-H Program Leader", must be submitted. This completed verification form should be signed electronically and emailed to robin.notton@uky.edu from the email account of the official State Dairy Team/Event Coordinator by **September 21st at 5 PM EDT**.
3. No hard copies of any entry form will be accepted. All entries must occur through Eventbrite. Verification forms must be typed, signed, and submitted via email attachment.

Additional information for North American 4-H Dairy Quiz Bowl:

1. If you fly into Louisville, you will need to rent a car for transportation to and from the Expo Center.
2. Teams can submit 10 questions and answers by September 21st to Dr. Jill Davidson at jill_davidson@diamondev.com. Please do not submit true/false or multiple-choice questions. Questions are always included from each state's submissions for inclusion in the current year's contest. Do not submit questions you have submitted in previous years.
3. After we receive your team's registration, additional details will be sent electronically to the designated team coaches and state contacts in mid to late October.
4. In addition to the written test on Friday evening and matches on Saturday, this youth event includes an interactive pizza party after the written test Friday evening and a banquet on Saturday night. **We ask that all teams participate in all of these events.**
5. Fees for up to 4 team members plus one coach for the pizza party, Saturday lunch and Saturday banquet are included in the registration fees. Tickets included in the team registration are non-transferable. If you require extra tickets for these events (other than the pizza party for youth participants), please order on-line through the Eventbrite site.
6. The final rounds of the contest are held starting at approximately 2 PM. We ask that all teams participating in the contest be present for the final rounds to support and round out this learning experience.
7. Questions this year will come from the sources as stated in the rules. Each year a topic area is selected for the youth to concentrate their study efforts. Additional resources are listed to help youth better understand the selected topic area.

In 2021, the topic area of emphasis relates to the nutrition and feeding program. Links to a beginning list of reference materials can be found on this contest's [website](#) and include the following:

- General Nutrition Terminology and Physiology: Hoard's Dairyman Booklet "[Feeding Guide](#)"
- Web page with dropdown menus: "[Formulating Dairy Cow Rations](#)"
- Article: "[Concentrates for Dairy Cattle](#)"
- Article: "[The Value of Water](#)"
- Article: "[Understanding Rumination and Technology to Monitor Rumination Behavior in Cattle](#)"
- Article: "[Feeding for Fertility](#)"
- Article: "[Robots Change Feeding Strategies](#)"
- Article: "[Feeding in Robotic Milking Systems](#)"

Thank you for your assistance. If you need more information or any clarification, please let me know.

Sincerely,

Donna M. Amaral-Phillips

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