



University of Vermont 4-H Dairy Project General Overview



Table of Contents

General descriptions of dairy events.....	pages 1-3
Dairy Project information.....	page 4
Approval Form Instructions.....	page 5
Lease/Loan Guidelines.....	page 6
Dairy Health Requirements.....	page 7
Requirements for 4-H Dairy Events and State Show.....	pages 8 & 9
Conformation classes.....	page 9
Eastern States selections.....	page 10
Dairy Quiz Bowl Rules.....	page 10-12
Judging & Quiz Bowl Team Qualifications.....	page 12
National Dairy Conference Qualifications.....	page 13
Uniform Scorecard for Judges.....	age 14-15
Requirements for Identification in Cattle.....	page 16
PDCA Showmanship Guidelines.....	pages 17 & 18

The 4-H dairy project is organized, implemented, and evaluated by the Vermont State 4-H Dairy Committee in conjunction with University of Vermont Extension. The state committee consists of volunteer 4-H dairy leaders and youth from across the state. Any leader or youth who is interested in being on the committee should contact their local 4-H Educator. It is the efforts of this state committee that make the University of Vermont 4-H Dairy project possible and successful.

STATE 4-H DAIRY CATTLE JUDGING

The Dairy Cattle Judging takes place in early summer and is open to all 4-H youth in the state ages 8-18 (Ages as of January 1 of the current 4-H year). The day consists of five to ten classes of dairy cattle that are judged and placed by the participants. Participants are ranked by their accuracy of placing and oral reasons scores. Top ten in each division are announced. The team is decided by a series of judging opportunities and your total scores of your five best judging days during the course of the summer. They are separate events.

The University of Vermont 4-H Judging encourages social skills, analyzing and problem solving skills, public speaking skills and the ability to defend one's beliefs.

Life Skills – Learning to learn, Critical Thinking

STATE 4-H DAIRY SHOW

The State 4-H Dairy Show is held in August and is a two-day event. 4-H members from across the state attend the show. Participants must have reached their eleventh birthday as of January 1 of the current year but not reached their nineteenth. The show consists of Fitting and Show classes based on the age of the participant and conformation classes based on the breed and age of the animal. It is from this show that thirty delegates and their animals are chosen to represent University of Vermont 4-H at Eastern States Exposition.

Life Skills – Self-Motivation and Useful/marketable Skills

STATE 4-H DAIRY QUIZ BOWL

The State 4-H Dairy Quiz Bowl Contest is usually held the third Saturday in March and is offered to 4-H members ages eight to eighteen (as of January 1). The State 4-H Quiz Bowl Contest consists of a written test, and rounds of verbal questions. 4-H members have the opportunity to buzz in his/her answer. Questions involve all aspects of the dairy industry. Participation awards and ribbons are given to the top individuals. It is from this contest that the State 4-H Dairy Quiz Bowl Team is selected from the senior division.

The 4-H Dairy Quiz Bowl Contest encourages 4-H members to develop a more complete knowledge of dairy animals and related subjects. This contest provides an educational dairy program for all 4-H members, including those who may not be dairy project members and provides a way to develop alertness and self-confidence.

Life Skills – Learning to learn, Self-Esteem

BOVINE BONANZA (formally DAIRY CHALLENGE)

The 4-H Bovine Bonanza is held in November on the University of Vermont campus. It is a day that challenges the youth on their bovine knowledge. There are four sessions with about 15 to 20 minutes of learning then a short test on what was learned (testing may not occur every year). Some of the sessions have included but are not limited to: feed identification, weights & measures, meat cuts, tool identification, judging, diseases, cheese tasting, parts of the stomach, parts of the cow and breeds. The youth enjoy learning a new aspect of the cattle industry or honing in on what they have learned in the years past. Every youth goes home with a ribbon and the tests that they took for review and further learning (if no testing is done, then certificates of participation will be handed out).

Life Skills – Learning to learn, self-motivation

EASTERN STATES EXPOSITION

In September approximately thirty dairy members and five chaperones attend the four day long Eastern States Exposition 4-H Dairy Cattle Show held in Springfield, Massachusetts. Thirty delegates are selected from the State 4-H Dairy Show. At the expo, the VT delegates participate along with youth from the other New England states in Fitting and Showing and Conformation classes. Delegates are responsible for the care of their animals while at the expo. Other responsibilities include care and herdsman duties of the Vermont exhibit.

The Eastern States 4-H Dairy show promotes social skills and responsibilities and offers a rewarding experience.

Life Skills – Teamwork, Self-Motivation

NATIONAL 4-H DAIRY QUIZ BOWL AND JUDGING CONTESTS

The 4-H dairy teams participate at the Eastern States 4-H Dairy Contests and compete with the other New England states in judging and quiz bowl. The judging team may participate in the National 4-H Dairy Judging Contest held in Madison, Wisconsin. The quiz bowl team may participate at the National Dairy Quiz Bowl Contest held in Louisville, Kentucky.

The national 4-H contests enable team members to make contacts and meet new friends, promote teamwork and broaden team member's horizons and knowledge of the dairy industry.

Life Skills – Teamwork, Cooperation

NATIONAL 4-H DAIRY CONFERENCE

Each year Vermont sends 3-5(or more depending on the year) 4-H Dairy delegates and adult chaperones to the National 4-H Dairy Conference held in Madison, Wisconsin during the World Dairy Exposition. The conference is for 4-H youth ages 15-18 who are interested in the dairy industry and who carry out dairy related projects under adult leadership in their community. Dairy members fill out an application that is reviewed by the State 4-H Dairy Committee. Participants may visit ABS Global, Hoard's Dairyman, Nasco International, Inc., and the World Dairy Exposition. Participants will also attend workshops on computers in the dairy industry, dairy processing/milk quality, animal welfare, marketing dairy products and other related workshops.

The goals of the National 4-H Dairy Conference are to help selected 4-H youth learn more about the dairy industry, learn more about careers in the dairy industry, develop additional competence in a special interest area of the dairy industry and practice leadership and group participation skills.

Life Skills – Marketable Skills, Self-Responsibility

GENERAL 4-H DAIRY PROJECT INFORMATION

1. 4-H Exhibitor age requirements:
Senior 14 years of as of January 1
Junior 8 – 13 as of January 1
2. 4-H members may show either a grade or registered animal. However, to be considered for Eastern States Exposition the animals must be registered. (A colored copy of the registration must be submitted with the state show application).
3. At the county level, the project animal must be approved as a 4-H project by May 1st. If the animal is leased/loaned; a copy of the lease/loan must be sent in with the approval form by the May 1st deadline.
4. For all calf and yearling classes ownership or lease/loan forms must exist in the member's name prior to May 1st. For cattle two years old or older approval form listing, ownership and registration or lease/loan must have existed before the animal had her second birthday. Forms still need to be submitted by May 1st every year the project animal is shown.
5. Animal identification to be checked at the county/state dairy shows includes approval forms (see #8 for Educator initials), health forms and lease/loan, if applicable, to be matched to the animals by ear tag number. **All bovines transported in state or out of state must have permanent identification, either NUES or AIN ear tags, in accordance with the official identification for interstate movement under the U.S. Department of Agriculture (USDA) Animal Disease Traceability rule. See the requirements for identification on the Vermont 4-H website, dairy, beef, or working steer project section or at the end of this overview. Tattoos or farm tags are not acceptable forms of ID.** These forms should be with the animal for every show.
6. 4-H project animals must meet health requirements and have the health forms or Certificate of Veterinary Inspection (CVI) with the animals for every show.
7. Uniforms: white or khaki slacks or knee length skirt with white blouse, white dress shirt or polo shirt. Protective footwear is required. For the state show a tie and belt is recommended but mandatory for Eastern States. Not allowed: Sandals, t-shirts, shorts, flip-flops, crocks, or any type of open toed shoe or any type of advertising or logos.
8. Any animal on the approval form that is shown in a 4-H show must have a record book reviewed and approved by the county Educator before the show (State show has additional requirements- see page 8). Approval forms must have the Educator's initials in the appropriate box to be able to show. This is after the record books have been reviewed by the Educator.
9. Sharing of project animals between 4-H members is not allowed.
10. Make sure that the entries you are exhibiting are properly approved 4-H animals and are prepared for exhibition by your own efforts. You should not allow any adult or other people to prepare any part of your animal for exhibit (*from the N.H. Responsibilities as a 4-H Animal Exhibitor*).
11. No 4-H dairy show or sponsored 4-H dairy show will allow horns or scurs.
12. Conformation classes will be based on the birth date and breed of the animal.

Fitting & Show classes will be based on the age of the youth as of the first of January of the current year.

INSTRUCTION FOR COMPLETING YOUR LIVESTOCK APPROVAL FORMS

This form is to be used for any species except equine. Use one form per species and submit a new form every calendar year. Animals are shown at the risk of the owner(s) and the person(s) signing the lease/loan form (if applicable).

1. Enter the species of animal (bovine, ovine etc.). One form per species.
2. Enter your name and full mailing address. Include a phone number where we can reach you.
3. Enter your age as of January 1 of this year and enter your date of birth.
4. Include your county of 4-H club membership and the name of your club. Enter independent if you are not in a club.
5. Make sure your leader signs and dates the form.
6. Breed: Enter the breed of the animal (Angus, Brown Swiss, etc.).
7. Animal's name: as it appears on the registration papers for purebred animals. For grade animals, enter the name you use for the animal.
8. Animal's birth date: You must include the day/month/year of each animal's birth. This determines the class you show your animal in.
9. Sex: indicate status –heifer or steer.
10. Registration number: as it appears on the registration papers. Leave blank if your animal is grade.
11. **All bovines transported in state or out of state must have permanent identification, either NUES or AIN ear tags, in accordance with the official identification for interstate movement under the U.S. Department of Agriculture (USDA) Animal Disease Traceability rule. See the requirements for identification on the Vermont 4-H website, dairy, beef, or working steer project section or at the end of this overview. Tattoos or farm tags are not acceptable forms of ID.**
12. Date of purchase or date lease/loan went into effect. Include day/month/year. Various events require ownership/lease/loan by a certain date. For dairy cattle it is before May 1st.
13. Check if lease/loan applies. A copy of the lease/loan form must be submitted with the approval form.
14. Sharing of animals between 4-H members is not allowed.
15. For cattle two years old or older approval form listing, ownership and registration or lease/loan must have existed before the animal had her second birthday.
16. Approval forms are necessary for participation in certain events. Questions on who must complete approval forms should be directed to your County Educator. Your forms should be sent to the following UVM Extension office:

Addison County	4-H Educator 802-388-4969	23 Pond Lane, Suite 300 Middlebury, VT 05753
Caledonia & Lamoille	4-H Educator 802-751-8307	374 Emerson Falls Road, Suite 1 St. Johnsbury, VT 05819-2762
Chittenden County	4-H Educator 802-651-8343	140 Kennedy Drive, Suite 201 S. Burlington, VT 05403
Franklin & Grand Isle County	4-H Educator 802-524-6501	278 S. Main St., Suite 2 St. Albans, VT 05478-1866
Orange & Washington County	4-H Educator 802-476-2003	327 US Route 302, suite 1 Barre, VT 05641
Orleans & Essex County	4-H Educator 802-334-7325	316 Main Street, Suite 101 Newport, VT 05855-4867
Rutland & Bennington County	4-H Educator 802-773-3349	271 North Main Street, Suite 110 Rutland, VT 05701-4452
Windsor & Windham	4-H Educator 802-885-8386	307 South Street Springfield, VT 05156

GUIDELINES TO COMPLETING A 4-H LEASE/LOAN AGREEMENT

REQUIREMENTS:

All leased/loaned 4-H project animals must have a written lease/loan agreement form. Complete a separate lease/loan agreement form for each species. All animals are shown at the risk of the owner(s) and the person(s) signing the lease/loan form.

1. Enter the number of the day, the month, and the year. This is the date the lease/loan agreement will take effect. It must be prior to any deadlines for approval forms.
2. Enter the date the lease/loan agreement will end, and the number of months'/days' notice either party must give the other before terminating the lease.
3. Indicate the amount of the rental fee, if any.
4. **All bovines transported in state or out of state must have permanent identification, either NUES or AIN ear tags, in accordance with the official identification for interstate movement under the U.S. Department of Agriculture (USDA) Animal Disease Traceability rule. See the requirements for identification on the Vermont 4-H website, dairy, beef, or working steer project section or at the end of this overview. Tattoos or farm tags are not acceptable forms of ID.**
5. All parties indicated must sign and date the lease/loan agreement form in order for it to be acceptable: renter/borrower, owner, parent/guardian of renter/borrower.
6. For Dairy & Beef animals, the lease/loan agreement must be in effect by May 1st. If the animal is being shown as a 2-year-old or older, the lease/loan agreement must have existed before the animal reached her second birthday.
7. Lease/loan agreement forms must be submitted with approval forms to your Extension Educator on time in order for the animal to be shown in 4-H classes. This due date is May 1st.
8. All leased/loaned animals must be legitimate 4-H projects. The member must assume responsibility for care and management of all project animals.

SUGGESTED STIPULATIONS TO ATTACH TO LEASE/LOAN AGREEMENT FOR 4-H LIVESTOCK

1. Animal Health - veterinary fees, drugs, vaccinations, etc.
2. Breeding - sire, associated fees, ownership of offspring, etc.
3. Liability - injury to the animal, injury by the animal
4. Feeding - costs, types of feed, source of feed
5. Returns to 4-H'er - for labor, for management
6. Housing - specifications
7. Exhibiting - transportation, disposition of premiums and awards
8. Arbitration of disagreement

This is a partial list suggesting areas that should be considered and resolved before signing a lease/loan agreement. When including an item in an agreement, clearly state the item and the roles of the renter/borrower and owner, being as specific and concise as possible.

Consult your program handbook, 4-H Leader, or Extension 4-H Educator for specific requirements for your species.

Jan 04/Legal

DAIRY HEALTH REQUIREMENTS

You and your veterinarian should fill out the Universal Health Form for 4-H Livestock or a Certificate of Veterinary Inspection (CVI). A licensed veterinarian certifying that the animal is clinically free of all infectious or contagious diseases and exposure from such diseases should sign this form. You will need to have this form with you at all 4-H dairy shows, and your approval, lease/loan, and registration papers

HEALTH REQUIREMENTS

All cattle showing in a 4-H show will be checked by a veterinarian as they are unloaded from the truck/trailer. At this time health papers, approval forms and lease/loans forms will be checked. Each animal should have the temperature checked by the vet (sanitizing after each animal) and have a simple overall health check done. If the animal has a high temperature and there is quarantine space available, the animal will be placed there. When the vet has time to re-check the temperature and reassess the animal, a decision will be made at that time to allow the animal to stay or have it sent home. Other questionable health issues will have a decision made as soon as possible.

Shipping Fever

All 4-H cattle must have a Shipping Fever vaccination between 14 days and 6 months prior to the event which includes IBR, BVD, P13 and BRSV. Such vaccinations shall be documented on a Certificate of Veterinary Inspection (on our 4-H Health form for in-state activities) and shall include the date administered and the trade name of the vaccine.

Rabies:

All cattle over 3 months of age shall have a current rabies vaccination administered according to the manufacturer's recommendations. Such vaccination shall be documented either on an individual rabies vaccination certificate or a Certificate of Veterinary Inspection (our 4-H Health form for in-state activities) and shall include the name of the vaccine used, serial number, date administered and its duration. Cattle without certification will not be admitted to the show. Rabies vaccinations are valid for 1 year. Cattle vaccinated last year must be vaccinated again for this year's show. The vaccine should be administered at least 30 days prior to the event and be current within the previous 12 months. The state veterinarian recognizes cattle must be over three months old to receive the vaccine. Vaccination less than 30 days should be accepted for younger animals not old enough to vaccinate in sufficient time prior to the event

Tuberculosis:

No blood test for Tuberculosis is required for the County or State Vermont 4-H Dairy shows. Eastern States has changed the requirements; no test for Tuberculosis is required (rev. 2000)

Brucellosis:

No blood test for Brucellosis is required for the County or State Vermont 4-H Dairy shows. Eastern States has changed the requirements; no test for Brucellosis is required (rev. 2000)

General:

It is required that animals are free from ringworm and scabies and other infectious, contagious or parasitic diseases.

Just a reminder to please have your signed approval forms, lease/loan papers, health forms, and registration papers available at every 4-H Dairy show, otherwise you will not be allowed to show. It is your responsibility to keep your approval forms and lease/loan papers from previous years.

Remember: Fairs & Field Days may have additional requirements.

REQUIREMENTS TO SHOW AT ANY 4-H DAIRY EVENT

1. Approval Form (current year, to be shown when unloading) with the animal listed and the county 4-H Educators initials in the line listing the animal, which indicates a record book has been kept on the animal.
2. Health Form listing the animal (to be presented when unloading) showing proof of current year rabies and shipping fever vaccinations (see page 7 for more details).
3. Animals must in good health/be free of noticeable or known contagious conditions (see page 7 for more details).
4. Animals must have an AIN or NUES Ear tag (see page 16 for details).
5. All 4-H seniors (age 14 and up) must also have participated in one of the following and note it on their Approval Form and in their project record in the "Dairy activities I have participated in without my animal" section:
 - State Dairy Judging
 - State Dairy Quiz Bowl
 - Bovine Bonanza
 - Dairy Speech, Talk, Individual Demonstration or Team Demonstration (at a county, regional or state event)
 - Educator approved activity

Seniors who have been on a National Team may be able to work at the State Contest of the team they were on to fulfill the requirement. Special arrangement made with Educator should be done before the first contest.

REQUIREMENTS FOR STATE 4-H DAIRY SHOW

1. Previous participation at a county or regional level 4-H Dairy Show
2. Score of at least 60 on the interview and record review – Both project records for each animal and the Member Record are considered.
3. Age Requirements - 4-Hers must be no younger than 11, and no older than 18 years of age by January 1 of the current 4-H year. Note: 4-Hers must be 12 by January 1, to be eligible for Eastern States.
4. 4-H State Dairy Show Registration form- completed and submitted to 4-H Livestock Educator. The entry form will have the due date on it.
5. Animals - Each participant is eligible to bring a maximum of one cow, and/or one or two heifers in different classes, to the State Show. This number may change from year to year depending on the facilities and space available. Cattle need not be registered to attend the state show. However, cattle chosen for Eastern States need to have a colored copy of the registration turned in at the state show. No horns or scurs allowed.
6. Chaperones - Each county delegation must have a male and female chaperone in order to participate in the State Show. The ratio of adults to youth is 1:10.
7. Behavior-all 4-H members must follow the 4-H Code of Conduct.
8. Overnight Parental Permission/Health Form - Chaperones must have a copy and a copy must be sent in with the State 4-H Dairy Show registration form.

9. Health Papers, Registration Papers and Lease/Loan Papers and Approval forms - will be checked at unloading. If an animal does not have all the papers in order, it cannot stay. This protects the healthy animals. If an animal is leased/loaned, the lease/loan papers must accompany that animal. If she is registered, the registration papers must accompany that animal. If the animal is not registered or if registration is pending at the time of the State Show this animal will be considered a grade and will not be eligible for Eastern States. If all records are not in order, the animal cannot stay. Note - Exhibitors showing cows will need to provide proof of ownership that date back to before the cow reached her second birthday or younger such as Approval Forms, Lease/Loan Papers and/or Registration Papers.
10. Animal Identification –numbers must be the same on all forms used – Approval, health and Lease/loan. See page on Animal Identification Requirements in this overview – page 16.
11. Note to parents and 4-H leaders - Please check completeness and accuracy of applications before you sign them.
12. Uniforms – Uniforms: white or khaki slacks, or knee-length skirt with white blouse, white dress shirt or polo shirt. Protective footwear is required. (No sandals) for the state show it is recommended that a tie and belt be worn. A tie and belt will be mandatory for Eastern States. **Not allowed are T-shirts, shorts, flip-flops or any other type of open toed shoe or any type of advertising or logos**
13. Eastern States – There are two different applications for the state show and Eastern States. Please make sure you fill out an entry for Eastern States if you are interested in being selected. Your County Educator will have these entry forms. Remember, for Eastern States a colored copy of the registration must accompany the entry form.

4-H DAIRY CONFORMATION CLASSES

The two types of dairy show classes are fitting & show and conformation. Fitting & show classes are the age of the youth as of January 1st of the current 4-H year. In conformation the classes are broken down by the age and breed of the animal.

Classifications for conformation:

SPRING CALF- Born on or after March 1, 2023

WINTER CALF-December 1, 2022 - February 29, 2023

FALL CALF-September 1, 2022 - November 30, 2022

SUMMER YEARLING HEIFER-June 1, 2022 to August 31, 2022

SPRING YEARLING HEIFER-March 1, 2022 to May 31, 2022

WINTER YEARLING HEIFER-December 1, 2021 - February 29, 2022

FALL YEARLING HEIFER-September 1, 2021 - November 30, 2021

TWO-YEAR-OLD COW-September 1, 2020 - August 31, 2021

THREE-YEAR-OLD COW-September 1, 2019to August 31, 2020

FOUR YEARS OLD and OLDER-Born before September 1, 2019

EASTERN STATES SELECTION

Members of the State 4-H Dairy Committee and the State Livestock Educator chose 30 youth and 15 alternates based on the following criteria:

- Participation at the state dairy show is required – exception may be made at the selection committees' discretion.
- Youth must be 12 years as of January 1 of the current year.
- Project animals must be registered* (see below) Pending registrations are not eligible for Eastern State's selection. Colored copies of registrations must be submitted to the Livestock Educator with the state Show application. Due date will be on the entry form.
- The Eastern States entry form must be completed and submitted Livestock Educator at the same time as the State Show entry form.
- Leadership, sportsmanship, cooperation, and respect
- Preference is given to older members who have never been selected, so everyone has a chance to have the experience.
- Participation in prior years is not a guarantee for future years.
- Fitting & Show winners will have first consideration.
- The committee reserves the right to select the delegates with input from leaders and Educators
- Animals must have a Radio Frequency Identification (RFID) tag.

Note:

- Good sportsmanship is expected from all exhibitors, chaperones, volunteers, spectators, parents and others involved in the event.
- Representation of all breeds is not mandatory.
- If you want to be considered for Eastern States in Dairy, your animal(s) must have the 15- digit AIN RFID tag in by the Vermont State 4-H Dairy Show.
- A separate entry form must be filled out and a colored copy of the animal's registration must be handed in at the state show.
- Entries for Eastern states will be entered electronically by the State 4-H office.

VERMONT 4-H DAIRY QUIZ BOWL RULES

The Dairy Bowl is a contest where 4-H members compete against each other. Competition points are awarded for correctly answering questions about the dairy industry and closely related areas. Competition in the 4-H Dairy Bowl encourages a 4-H member to develop a more complete knowledge of dairy animals and related subjects. This contest provides an educational dairy program for all 4-H members, including those who may not be dairy project members, and provides a way to develop alertness and self-confidence.

DAIRY BOWL PARTICIPANTS - ELIGIBILITY

Contestants must be regularly enrolled 4-H members. **Contestants must reach their 8th birthday by January 1 of the current contest year, but not their 19th birthday.**

They will be divided into 4 divisions (ages as of January 1):

- Junior 8 - 9 years' old
- Junior 10 - 11 years' old
- Junior 12 - 13 years' old
- Senior 14 years old and older

Contestants will only compete against other members in their Division. Contestants may attend a college beyond high school. However, club members who enroll in or audit a Dairy Science or Animal Science course prior to the fall term are not eligible for the contest. Members of previous Vermont State Dairy Quiz Bowl Teams that have gone to Eastern States and/or National Competition are not eligible to be contestants, but may work at the event to fulfill their senior requirement.

DAIRY BOWL RULES-CONDUCT:

1. Individuals will compete in a series of one-on-one elimination contests until the top ten individuals in each Division and the Vermont State 4-H Dairy Quiz Bowl Team is selected.

2. Competition among individuals will be in two phases.

Phase A - Each contestant will take a 20 -35 written quiz for seniors. Each correct answer will be worth 1 point. Juniors will have a test of 20-25-questions. Each correct answer will be worth 1 point. Points earned by each individual will be recorded at the end of the phase and combined with scores from Phase B to determine their placing. To determine the top scorers in the senior division, the process will be the same.

Phase B - A total of 20 questions will be asked. - Toss-up Round

Individuals will be assigned in groups of 8 to this round of competition before the contest. The first group of eight individuals will compete while others in that Division wait outside of hearing range. The same 20 questions are used for all groups in a Division (In the past few years we have had two rounds of questions for each group).

a. The first individual to signal will answer the question within 5 seconds after being acknowledged by the judge or lose 1 point. **No points will be lost for incorrect answers. However, 1 point will be lost if the individual does not say anything at all.** There will be no True or False questions. Any member answering a question without having a light lit or being acknowledged will lose 1 point after everyone has been warned first. If an incorrect answer is given, the other participants have the opportunity to signal to answer the question immediately without having it reread. No partial credit is available in Phase B.

(Tiebreakers) – A round of 5 questions will break a tie between two individuals.)

- If none of the 8 individuals can offer an answer to the question within 10 seconds, the moderator will give the answer and the question will be dropped.
- When a signal is pushed before the question is completely read, the moderator will stop reading the question when the light goes on - that person must answer the question. If correct, the individual will receive 1 point. The judge may not ask the contestant to explain their answer. If the answer is incorrect, the question will then be completely reread and the other participants will have the opportunity to answer it.

3. Questions will cover feeds and feeding, milk quality, herd health, udder health, breeding and genetics, marketing, dairy foods, calf raising, and other areas. A majority of the questions come from the **Hoard's Dairyman** magazine and reference books. Any breed or dairy magazine and/or reference books with current issues are good study aids.

4. Answers and interpretations of questions will be the sole responsibility and final call of the judges. An individual will have the privilege to ask the judges' panel to verify an answer that he or she feels is correct. If the coach challenges the judges' 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.

5. Any questions or areas not covered by these rules will be decided by the 4-H Dairy Bowl Committee. All decisions are final.

Following Phase B, the scores for Phases A & B will be added and the top ten individual scorers for each age division will be confirmed. The top eight senior competitors will be selected for the final round.

THE VERMONT STATE 4-H DAIRY QUIZ BOWL TEAM:

1. After the conclusion of regular competition, the top 8 seniors (this number may be determined the day of competition) individuals will compete in a FINAL round of 50 questions, using Phase B rules. The top seniors will also individually answer three randomly selected questions. Their score from Phase A will be added to their final round score. The 4 individuals scoring the highest in this competition will then become the members of the Vermont State 4-H Dairy Quiz Bowl Team (see team qualifications). This Team will travel to Eastern States Exposition and Louisville, Kentucky, where they will compete.

If a Team member is unable to fulfill his or her duties, the next highest scorer will be asked to serve on the Team in their place.

SPECIAL NOTE: FINANCIAL AND TIME COMMITMENTS FOR THE VERMONT 4-H DAIRY QUIZ BOWL TEAM MEMBERS. The Eastern States Exposition 4-H Dairy Quiz Bowl Contest will occur the Friday of the Eastern States 4-H Dairy Show in September. The second weekend in November is the Louisville, Kentucky date. Team members are expected to attend training sessions. Each member will pay for the cost of the trip which is approximately between \$800-1100. Each member must assume financial responsibility for any team outfit and some meals on the trip

VERMONT 4-H DAIRY QUIZ BOWL TEAM QUALIFICATIONS:

- ☐ Be 15 years of age as of September 1 but not have reached 19 years of age prior to January 1, and cannot be past their first semester of college.
- ☐ Qualify in the top four (or as an alternate if one of the top four is unable to be on the team) at the State 4-H Dairy Quiz Bowl Contest held in March.
- ☐ Commit time to be on the Vermont 4-H Dairy Quiz Bowl Team for practices and competitions as designated by the coach.
- ☐ Participate in the Eastern States 4-H Quiz Bowl Contest held in September in Springfield, MA.
- ☐ Participate in the National 4-H Quiz Bowl Contest (either Louisville, KY or Madison, WI).
- ☐ Be able to fulfill the financial responsibility of \$800-\$1100 to the Vermont 4-H Dairy account and pay for team jackets and meals on trips.
- ☐ Team members must be members in good standing and have their record book reviewed before being confirmed for the team.

VERMONT 4-H DAIRY CATTLE JUDGING TEAM QUALIFICATIONS:

- ☐ Be 14 years of age as of January 1 but not have reached 19 years of age prior to January 1, and cannot be past their first semester of college.
- ☐ Must qualify in the top four (or as an alternate if one of the top four is unable to be on the team). Team members must attend at least 65% of contests and practices in order to be eligible for making the A and B teams.
- ☐ Scores will be posted at the beginning of every practice to monitor progress. Zeros from missed practices do not count towards average.
- ☐ Must commit time to be on the Vermont 4-H Dairy Cattle Judging Team for practices and competitions designated by the coach(s). Weekend tours are crucial for advancing skill level and maybe planned. There will be a cost associated with the overnights. Pick up and drop off locations will accommodate parents to ensure minimal travel for them. A permission form will need to be signed by a parent/guardian for insurance reasons
- ☐ Commit to the 4-H Judging Team and participate in the 4-H judging contest at Eastern States, not in the FFA judging contest. *
- ☐ Must participate in the National 4-H Dairy Cattle Judging Contest held in October in Madison, WI or other contests determined by the year.
- ☐ Be able to fulfill the financial responsibility of approximately \$900- \$1200 to the Vermont 4-H Dairy account and pay for team jackets and meals on trips.
- ☐ Team members must be members in good standing and have their record book reviewed before being confirmed for the team.

NATIONAL 4-H DAIRY CONFERENCE DELEGATE QUALIFICATIONS

Vermont 4-H Dairy Delegates and chaperones are selected to attend the National 4-H Dairy Conference held at the end of September/beginning of October in Madison, WI during the World Dairy Exposition. Interested youth need to fill out an application by February to the State 4-H Livestock Educator, UVM Extension, 140 Kennedy Drive, Suite 201, S. Burlington, VT 05403. Delegates will be selected by the State 4-H Dairy Committee from applications with consideration of the following:

Eligibility/Basis of Selection--Youth Delegates

Youth delegates should be selected from outstanding 4-H Dairy program members who:

- ☐ Are currently enrolled in the 4-H Dairy Program.
- ☐ Are at least 15 but not more than 18 years of age before January 1st.
- ☐ Have outstanding records of 4-H Dairy accomplishments.
- ☐ Have abilities and talents which will enable them to make a real contribution to the conference.
- ☐ Have an interest in the production, marketing, processing and use of dairy products.
- ☐ Are capable of bringing the inspiration and information back to their state and passing it on to others through talks, reports, news stories, etc.
- ☐ Have not previously attended the National 4-H Dairy Conference.
- ☐ Are not exhibiting dairy animals at this year's World Dairy Expo.
- ☐ Are not participating in this year's National 4-H Dairy Cattle Judging Contest.
- ☐ Delegates must be available for travel in September and October.
- ☐ Delegates must pay approximately \$950 - \$1200 for trip expenses. Delegates will be expected to pay for some meals during the trip.

Basis of Selection--Adult Delegates (Leaders and Chaperones)

Adult Leaders and Chaperones must be willing to:

- ☐ Participate fully in the program
- ☐ Guide their delegation through the day's scheduled events.
- ☐ Meet each day with their delegation.
- ☐ Help their delegation discuss the programs they attend.
- ☐ Supervise and discipline any delegates as needed.
- ☐ Applicants must be members in good standing and have their record books reviewed before being confirmed as a delegate.

Special Awards given at the Vermont State 4-H Dairy Show:

ED GOULD MEMORIAL AWARD

This award is presented in memory of Ed Gould, a devoted supporter of the Vermont 4-H Dairy Program. Every year at the State 4-H Dairy Show this award is given to a volunteer and/or leader who has put a tremendous amount of time and effort into the Vermont 4-H Dairy Program. A sub-committee of the State 4-H Dairy Committee selects this award recipient.

JOHN KNAPP MEMORIAL AWARD

This award is in memory of John Knapp who was instrumental to the Vermont 4-H Dairy Program. John was extensively involved in the Vermont 4-H Dairy Quiz Bowl Contest and was the coach for the Vermont team for many years. John was also involved in writing a Vermont 4-H Dairy Record Book. This award is presented every year to the high scoring individual in the Vermont 4-H Dairy Quiz Bowl Contest.

PDCA Showmanship Evaluation Card For Judges

It is important that participants in showmanship ensure that their animal is in proper body condition and growth based on the age of the animal. Horns are to be removed at an appropriate age to provide a safer environment for the leadsperson. Feet should be properly trimmed to promote ease of movement for the animal. These practices will show good husbandry skills of the participant as well as a positive image for the dairy industry.

PDCA recommends the following levels of discrimination in the judging of showmanship competitions.

Slight Discriminations

Exhibitor

- ☐ Inappropriate halter.
- ☐ Lead strap tightly looped
- ☐ Walks slowly backward into the ring
- ☐ Sidesteps when leading calf
- ☐ Has stiff outstretched arm
- ☐ Has poor posture – either overly stiff or slumped, sloppy
- ☐ Improper head carriage, animal's nose is too high
- ☐ Calf's head is not turned slightly toward judge when hide is felt
- ☐ Stepping on or kicking at the animal's front feet. (Note that a slight touch to move animal's front feet is allowed and should not be discriminated against)
- ☐ Inappropriate size of calf for competitor

Animal

- ☐ Minor instances of animal not handling well
- ☐ Is not alert
- ☐ Muzzle is not wiped clean
- ☐ Switch is not brushed and fluffed
- ☐ Clipping lines not properly blended*

Moderate Discriminations

Exhibitor

- ☐ Not wearing white clothing or show-approved professional attire
- ☐ Inappropriate or unprofessional attire that draws attention to the exhibitor
- ☐ Wearing clothing with farm or commercial advertising/logos
- ☐ Does not know birth date, fresh date, breeding date, due date
- ☐ Unable to recognize type faults of the animal*
- ☐ Halter not fitting or put together properly
- ☐ Holding the lead strap too far from the halter
- ☐ Has fingers in ring of the halter
- ☐ Failure to hold throat when needed
- ☐ Improper head carriage, animal's head held too low
- ☐ Unable to show animal to best advantage
- ☐ Slow response to judge or ring official
- ☐ Inattentiveness
- ☐ Watching the judge too intently
- ☐ Over-showing
- ☐ Leading too slowly
- ☐ Has elbow or hands up

- ☐ Is too far to outside or inside of ring
- ☐ Incorrect spacing to the animal in front when on parade
- ☐ Failure to switch rear legs when the judge moves around the animal (heifers, rear leg nearest the judge back; milking and dry cows, rear leg nearest the judge forward)
- ☐ Doesn't walk quickly into line
- ☐ Crowding or bumping other animals when pulled in line
- ☐ Leaving extra space in line
- ☐ Failure to maintain a straight lineup
- ☐ Moves excessively in line
- ☐ Unable to back up animal
- ☐ Legs incorrectly posed
- ☐ Does not keep animal straight from head to tail
- ☐ Chewing gum

Animal

- ☐ Legs not clipped
- ☐ Dirt/dust in hair coat
- ☐ Dirt/wax in ears
- ☐ Feet not cleaned
- ☐ Excessive use of hair sprays, powder and other fitting products
- ☐ Clipping too early; hair appears too long
- ☐ Incomplete clipping
- ☐ Excessive clipping

Serious Discriminations

Exhibitor

- ☐ Lead strap looped & fastened
- ☐ Striking the animal
- ☐ Positioning animal's rear legs by stepping on rear feet
- ☐ Fusses with or moves calf to the extreme
- ☐ Minor instances of unsportsmanlike conduct
- ☐ Is late to class
- ☐ Wearing inappropriate shoes
- ☐ Chewing tobacco
- ☐ Carries or talks on a cell phone

Animal

- ☐ Animal causing disturbances to others

Disqualification

- ☐ Violations of PDCA Show Ring Code of Ethics
- ☐ Unsportsmanlike conduct
- ☐ Repeated striking of the animal

Recommendation for the evaluation of topline:

- ☐ Topline is groomed, doesn't distract from the animal's overall appearance, conforms to the guidelines of the PDCA Show ring Code of Ethics.*

*Expectations should be age appropriate and at some shows, these fitting criteria may be significantly downplayed at the discretion of show management and with appropriate communication to exhibitors.

Identification Requirements for moving cattle In-State/Out of State!

Act 30 requires all livestock being transported within the State to satisfy the requirements for official identification for interstate movement under the U.S. Department of Agriculture (USDA) Animal Disease Traceability rule, 9 C.F.R. part 86 prior to leaving the property of origin, regardless of the reason for movement or duration of absence from the property.

All animals must have one of the following:

National Uniform Ear-tagging System (NUES)

- NUES ear tags begin with an official state number followed by three letters and then four numbers. The official state number for Vermont is '13'.
- Metal NUES tags are provided at no cost to veterinarians, livestock dealers, and producers.
- In compliance with federal law, NUES tags must display the U.S. shield if applied to the animal after March, 2015

or

Animal Identification Number (AIN) - '840 Tags'

- AIN ear tags begin with an official country code followed by an additional 12 digits; 15 digits in total. The official U.S. country code is '840'.
- In compliance with federal law, AIN tags must display the U.S. shield if applied to the animal after March, 2015.
- May be purchased from most ear tag distributors.
- 15-character tags beginning with the letters 'USA' or manufacturer-coded tags beginning with any number between 900 – 998 are only official if applied to the animal prior to March, 2015.

If you want your cattle to be considered for showing at Eastern States Exposition, they must have an RFID tag (Radio-frequency identification).

If your animal is already identified with a visual tag, please contact your breed association to receive the best recommendation for applying an RFID

To obtain RFID tags here are some suggested links:

<http://www.holsteinusa.com/>

www.cattletags.com

<http://www.eartagcentral.com/home.php>

Any other questions that you have about the new tagging rules, please contact your veterinarian or the Vermont State Veterinarian Office.

PDCA Showmanship Guidelines

DECEMBER 2016

Appearance of Exhibitor & Equipment

Apparel

- Wear white pants, a white collared shirt, and a belt.
- Wear hard-toe, hard-sole shoes, or boots. No sneakers.
- Wear pants over boots. Do not tuck pants inside boots.
- Wear a properly fitting show harness to display your backtag number.
- Be neat and clean in overall appearance.
- Minimize accessories or anything that draws attention to you instead of your animal.

Behavior

- Maintain good posture and move confidently.
- Strike a balance where you appear to be relaxed and enjoying yourself, while maintaining a competitive intensity and interest.
- Exhibit good sportsmanship before, during and after the show.
- Be comfortable with the animal you are showing, demonstrating you have worked with your animal many times before.
- Be ringside before your class begins and enter promptly when your class is called. Do not be late.
- A showman should never strike their animal and should adhere to all PDCA Code of Ethics guidelines.

Knowledge

- Know important facts about the animal that could aid the judge in making their placing decision, such as her birthdate, calving date and lactation number.
- Know the animal's faults and how to move your animal in ways that minimize their appearance.

Halter

- Use a leather dairy show halter that is clean and shined.
- Fit the halter with nose band midway between the animal's eyes and nose.
- Have snap of the halter's chain open to the outside, so the clasp is facing you and not into the animal's jaw.
- Your left hand or part of the hand is under the chain and around the ring, but fingers are not through the ring. Hold the lead strap in the left or right hand (which ever gives you the most control) using approximately three small loops (not tightly coiled or gathered in a figure 8) so that the lead strap does not rub the animal's eye or is visible from the right side.

Appearance of Animal

Cleanliness

- Animal is clean (including hooves, tail, and inside ears) and dry.
- White spots are as white as possible, demonstrating the animal was washed regularly.
- Muzzle is wiped clean.

Condition

- Animal is in good health and condition – neither too fat nor too thin.
- Hooves are trimmed.
- Animal is dehorned.

Grooming

- Animal is completely clipped within a few days of show.
- Varying clipped hair lengths are well-blended.
- Topline hair is blown up on heifers.
- Tail switch is brushed and fluffed.

Behavior

- Animal is well-trained to lead and poses quickly.
- Animal is alert, but calm when touched or around distractions.
- Animal responds well to your desired actions.
- Animal is size appropriate for the exhibitor.

Showing Animal to its Best Advantage

Entering the Showring

- Enter the ring walking forward on the animal's left side with the halter in the left hand while pulling throat with your right hand.
- Position your body to keep slightly ahead of the animal's nose, away from the animal's shoulder.
- The left arm should be comfortably positioned; not too straight and the elbow should not be too high.
- When the last animal in the class enters the ring, turn to face the animal and walk backwards.

Circling in the Showring

- Walk at a smooth even pace - not too fast or too slow. Try to walk in step with your animal, so when she steps with her left front leg, you step with your left foot; and vice versa.
- Never cross your feet to walk sideways. You should always be walking forward or backwards as appropriate.
- Hold the animal's head up at a comfortable level, where she looks her best, never with nose in air. The nose should be pointed slightly toward the center of the showring.

Holstein Foundation, Inc.

- Keep approximately 3 to 5 feet behind the animal in front of you and 5 feet between you and the outside of the ring.
- Keep in an even line with the other animals in front and in back of you while circling. Do not let your animal move too far inward or outward compared to the others.
- When on parade always provide the judge with a side profile of your animal.
- Your attention should be focused, keeping one eye on your animal and one eye on the judge. Spend about half the time looking at your animal and the other half watching the judge. You must also maintain awareness of everything going on in the showing.
- When the judge moves in for close inspection of your animal, stop in a desirable, posed position. Switch rear legs when judge moves around the animal.
- Whenever stopped in the ring, the animal should be posed with front feet square. Rear legs should be positioned differently for heifers and milking cows.
 - Heifers - position the rear leg nearest the judge back.
 - Cows- position the rear leg nearest the judge forward.
- Respond to questions from the judge confidently, and instructions from the judge quickly.
 - If your animal lays down in the ring during the class, gently get her to stand up, quickly wipe off any loose or hanging material using two to three strokes of your hand and continue to show her.
 - Recognize your animal's faults and try to minimize their appearance.
 - If the animal carries extra flesh on her neck, pull the animal's throat with your right hand to make her appear cleaner in the neck.
 - If the animal arches her topline, pinch it down to make her appear straighter across her top.
 - If the animal weakens in her loin, slightly push her weight back using halter pressure.
 - If the animal puts her tail up, tuck the tailhead down.
 - If you are asked by the judge to switch animals with another exhibitor, do so in an timely fashion, which may include a quick assessment of the animal you are taking control of to evaluate her major strengths and weaknesses.

Entering the Lineup

- Enter the lineup in the order you were called.
- Turn and walk forward smoothly into line, never running with your animal.
- When walking into line, showmen should take care not to obstruct the judge's view of other animals still on parade.
- When you approach the line, turn around and walk backwards into line. Then set up your animal in the desired, posed position.
- Keep your animals topline straight from head to tail, perpendicular to the designated line.
- Line up with other animals in an even line, leaving no more than one foot between animals. Be careful not to bump other animals.
- Keep a straight line by lining up the shoulder of your animal with the shoulder of the animal in front of you in the lineup.

Posing in the Lineup

- Setting up your animal should be completed in one or two steps without too much overworking and movement.
- Legs should be comfortably beneath the animal. Do not get her legs too far under her body (appearing scrunched) or too far back and out from under her (appearing stretched out).
- Front feet should be lined up evenly. To move her front feet, use halter pressure, and a slight touch with your foot if needed.
- Train animal to back up by touching her shoulder combined with halter pressure, so when rear legs need repositioning, do so without using your feet. You should never use your feet to help position your animal's rear legs.
- When showing a heifer, your position in the lineup determines how the animal's rear legs should be positioned. Once your animal is set up properly, you should not switch the position of her rear legs, even if the judge walks back and forth.
 - The first person in line should set their animal up as if the judge was on the leadsperson side of the animal.
 - The last person in line sets their animal up as if the judge were opposite the leadsperson.
 - The rest of the class sets their animal up, so they looked balanced with one rear leg forward.
- If you have a cow, you must move her rear legs each time the judge changes sides in the lineup.
- When the judge comes to the front of the animal, turn to face the judge presenting the front end of the animal for inspection. Do not cover up the person next to you, and do not move to the left side of the animal.
- After the judge motions for you to circle out from the lineup, keep showing your animal while the judge makes his final assessment. Once the judge has moved his attention further down the line, you can walk forward again when pulling her into the final line-up.