



Dairy Cattle Evaluation and Management

Purpose

The purpose of the Tennessee FFA Dairy Cattle Evaluation and Management Career Development Event is to provide a competitive event for agricultural education students that emphasizes skills in dairy cattle management and evaluation.

Event Rules

Each team will consist of four members.

- All four participant scores will be used to determine the total team score.
- FFA official dress is required for this event unless otherwise communicated by Tennessee FFA state staff.
- The most current and updated information will be used as industry standards change.
- No electronic devices are allowed to be on the competitor during the entirety of the event.

Event Format

Each participant must have:

- Two sharpened No. 2 pencils.
- Clean clipboard

Equipment provided:

- Scantron

Individual Activities

Evaluation and Selection (300 points)

Placing Classes

- Up to six classes of four dairy animals will each be placed on type. Classes will be selected from the recognized breeds of dairy cattle. The class selection committee, however, shall give priority to selecting quality cattle in the breeds available and not to having all breeds represented in the evaluation classes. Classes will consist of heifers, young cows or mature cows.
- Class or classes may contain production/pedigree data as part of the evaluation process.
- Participants will be permitted to view the animals from all angles but will not be permitted to handle them.
- The dairy cattle handlers will wear numbers, which identify the animals.
- Each class is worth 50 points maximum for a correct placing.
- Participants will have 12 minutes to place each class. For classes on which oral reasons will be given, participants will be given 15 minutes. Participants will be provided paper to take notes on each reasons class for preparation.

Oral Reasons (100 points)

- Oral reasons will be required for two classes. These classes will be designated by the event superintendent prior to the actual evaluation of the class. Participants will be provided paper to take notes on each reasons class for preparation.
- Oral reasons will be given in another location immediately following the evaluation classes.
- Participants may not use notes during the delivery of reasons. Points will be deducted for the use of notes.
- Each class is worth 50 points maximum for each set of reasons.
- Participants will have 12 minutes to prepare each set of oral reasons. No more than two minutes may be used to deliver the reasons before the judges.

DHIA Records (100 points)

- Participants will be provided DHIA records and answer 10 questions regarding the dairy herd evaluation data sheet. Individual cows will be analyzed to answer the questions.
- Each question will be 10 points each for a total of 100 points for each contestant.
- Students will have 20 minutes to complete this activity.

Scoring

Activity		
	Individual	Team
DHIA Records	100	400
Evaluation - Placing classes 6	250-300	1000-1200
Oral reasons	100	400
Total possible points	400-450	1600-2000

Tiebreakers

If a tie occurs, the following events will be used to determine award recipients:

Individual

- Oral reasons score.
- Evaluation score.
- DHIA Records score

Team

- Total team oral reasons score.
- Total evaluation score.
- Total DHIA records score.

References

This list of references is not intended to be all-inclusive.

Other sources may be utilized, and teachers are encouraged to make use of the very best instructional materials available. The following list contains references that may prove helpful during event preparation.

- National FFA past CDE materials, [FFA.org](https://www.ffa.org)
- Hoard's Dairyman — Judging contest and materials, youth tests and quiz questions and current industry issues, www.hoards.com
- Cornell University Department of Animal Science Dairy Resources, <https://cals.cornell.edu/nys-https://cals.cornell.edu/nys-4-h-animal-science-programs/state-events/contest-resources/dairy-judging>
- Virginia Dairy Quiz Bowl study materials, <https://www.vtdairy.dasc.vt.edu/youth/quizbowl/youth-quiz-bowl.html>
- CEV Multimedia, Inc., <https://www.icevonline.com/>
- Holstein Foundation Education Workbooks, <http://www.holsteinfoundation.org/education/workbooks.html>
- Holstein Foundation Youth Programs: Dairy Bowl Materials, <http://www.holsteinfoundation.org/youthprograms/dairybowl.html>
- Dairy Herd Improvement, www.drms.org
- Current Dairy Unified Scorecard, <http://www.purebreddairycattle.com/pages/Literature.php>
- Gillispie, James R. Modern Livestock and Poultry Production (most current edition). Albany, N.Y.: Delmar Cengage Learning, Inc. Cengage Publishers, [Cengage.com](https://www.cengage.com)