

Dairy Evaluation

Junior Division



Overview

Revised:11/24

The purpose of the FFA Dairy Cattle Management and Evaluation Career Development Event is to help students develop skills in dairy cattle selection and herd management. Participants evaluate the cattle's physical characteristics and explain their selections for various classes.

Eligibility

The participant must be an active member of a chartered Delaware FFA Chapter and enrolled in grades 6, 7, or 8. Members that have participated on a previous state winning team in this area are ineligible.

Event Procedure

1. Teams will consist of up to four members. All four scores will be used to determine total team score.
2. FFA Members competing in this event should wear an FFA T-shirt, jeans, closed-toe shoes or boots. Deductions will occur if a FFA Member is not in the proper attire
3. All registered participants will report to the Centre FFA Building on the day of the event to receive instructions and additional CDE materials. The students will do the team portion in the Centre (30 minutes). The evaluation portion will take place in the Quillen Arena. Contestants will judge in the arena until all classes are complete. There will be no talking during the event outside of the team portion. Any member violating this rule will receive zero points for the class in which the violation occurred.
4. Scantron score sheets will be used in the event to record all responses. Folders will be distributed along with the scantron to keep them from getting wet or having damage to the side with the OMR. Drawing, writing, and any other marks on these folders is a 10 point deduction for that team member.
5. Contestants are permitted to bring a clipboard (free of notes), plain paper for note taking, and #2 pencils.
6. Participants will not be allowed to possess any personal electronic devices (i.e. cell phones, smart watches, air pods, etc.) other than those approved by event officials. Participants who possess personal electronic devices without prior approval of the event officials will be disqualified from the event.
7. Chapters who show up late will receive zero points for any portion they have missed.
8. Any teacher with a dairy judging team, should be at the Centre by 11am to help facilitate oral reasons.

Event Format

Team Activity

1. General Knowledge Exam - 100 points
 - a. The exam will consist of a 50 question exam created from the last 3 years of National FFA Career Development written examinations.
 - b. Teams will be given 30 minutes to complete this exam.

Individual Activities

1. Evaluation and Selection
 - a. 300 points/individual; 1,200 points per team
 - b. Students will evaluate 6 classes of dairy animals. Classes can include calves, heifers, or cows.
 - i. Each class is worth 50 points maximum for a correct placing.
 - ii. Participants will have 15 minutes to place each class regardless of whether or not oral reasons will be given.
2. Oral Reasons
 - a. 100 points/individual: 400 points per team
 - b. Oral reasons will be required on two classes for middle school. These classes will be designated by the event superintendent prior to the actual evaluation of the class.
 - i. Oral reasons will be given in another location immediately following the evaluation classes.
 - ii. Each class is worth 50 points maximum for each set of reasons.

SCORING

1. Participants will be ranked in numerical order on the basis of the final score to be determined by the scantron. The team activity score will be added to the sum of the individual scores for each team. The criteria and points can be found on the scorecards.

| <u>Event</u> | <u>Points</u> | <u>Points total</u> |
|---|----------------------|------------------------------|
| Tests | | 100 Points possible |
| General Knowledge Exam (Team Activity) | 100 | |
| Practicums | | 1,600 points possible |
| Evaluation and Selection (6 classes; 50 points each) | 300/member (1,200) | |
| Oral Reasons (2 sets; 50 points each) | 100/member (400) | |

Tie Breaker

1. Team tiebreakers will be settled in the following order:
 1. Team total for oral reasons
 2. Team activity total
2. Individuals tiebreakers will be settled in the following order:
 1. Total evaluation score
 2. Total oral reasons score

Awards

Awards will be presented to individuals and teams based upon their rankings at the State Fair FFA Awards Breakfast. In a team event, the top 3 individuals in the state will be recognized on stage. The first place team will receive a plaque.

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.

1. National FFA Core Catalog—Past CDE Material (<http://shop.ffa.org/cde-qas-c1413.aspx>)

2. Hoard's Dairyman- Judging contest and materials, youth tests and quiz questions:
www.hoards.com
3. Cornell University Department of Animal Science Dairy Resources:
<http://www.ansci.cornell.edu/4H/dairycattle/dairyresources.html>
4. Virginia Dairy Quiz Bowl study materials: <http://www2.dasc.vt.edu/youth/bowlmat.html>
5. CEV Multimedia, Inc.: www.cevmultimedia.com
6. Holstein Association: www.holsteinusa.com
7. Dairy Herd Improvement: www.drms.org
8. 2009 Dairy Unified Scorecard: http://www.usjersey.com/Reference/PDCA_Dairy_Cow_Unified_Scorecard_2009update.pdf

Linear Evaluation Classes

| Classes | Linear Evaluation Classes | | | | | | | | | | | | | | Classes | |
|---------|---------------------------|----------|------------|------------|------------|--------------|---------------------|------------|-----------------------|-------------------|------------------|------------|-------------|----------------------|---------|-------------|
| | Form | | | | Rump | | Legs & Feet | | | Udder | | | | Teats | | |
| | Stature | Strength | Body Depth | Dairy Form | Rump Angle | Thrust Width | Side View Rear Legs | Foot Angle | Fore Udder Attachment | Rear Udder Height | Rear Udder Width | Udder Clef | Udder Depth | Front Teat Placement | | Teat Length |
| 10 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | |
| | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 01 | |
| | 02 | 02 | 02 | 02 | 02 | 02 | 02 | 02 | 02 | 02 | 02 | 02 | 02 | 02 | 02 | |
| | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | |
| | 04 | 04 | 04 | 04 | 04 | 04 | 04 | 04 | 04 | 04 | 04 | 04 | 04 | 04 | 04 | |
| | 05 | 05 | 05 | 05 | 05 | 05 | 05 | 05 | 05 | 05 | 05 | 05 | 05 | 05 | 05 | |
| | 06 | 06 | 06 | 06 | 06 | 06 | 06 | 06 | 06 | 06 | 06 | 06 | 06 | 06 | 06 | |
| | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | |
| | 08 | 08 | 08 | 08 | 08 | 08 | 08 | 08 | 08 | 08 | 08 | 08 | 08 | 08 | 08 | |
| | 09 | 09 | 09 | 09 | 09 | 09 | 09 | 09 | 09 | 09 | 09 | 09 | 09 | 09 | 09 | |
| 11 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | |
| | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | |
| | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | |
| | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | |
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| | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | |
| | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | |
| | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | |
| | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | |
| | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | |
| | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | |
| | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | |
| | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | |
| | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | |
| | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | |
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| 12 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | |
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| | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | |
| | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | |
| | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | |
| | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | |
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| | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | |
| | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | |
| | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 39 | |
| | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | |
| 13 | 41 | 41 | 41 | 41 | 41 | 41 | 41 | 41 | 41 | 41 | 41 | 41 | 41 | 41 | 41 | |
| | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 42 | |
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| | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | |
| | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | |
| | 46 | 46 | 46 | 46 | 46 | 46 | 46 | 46 | 46 | 46 | 46 | 46 | 46 | 46 | 46 | |
| | 47 | 47 | 47 | 47 | 47 | 47 | 47 | 47 | 47 | 47 | 47 | 47 | 47 | 47 | 47 | |
| | 48 | 48 | 48 | 48 | 48 | 48 | 48 | 48 | 48 | 48 | 48 | 48 | 48 | 48 | 48 | |
| | 49 | 49 | 49 | 49 | 49 | 49 | 49 | 49 | 49 | 49 | 49 | 49 | 49 | 49 | 49 | |
| | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | |
| 14 | 51 | 51 | 51 | 51 | 51 | 51 | 51 | 51 | 51 | 51 | 51 | 51 | 51 | 51 | 51 | |
| | 52 | 52 | 52 | 52 | 52 | 52 | 52 | 52 | 52 | 52 | 52 | 52 | 52 | 52 | 52 | |
| | 53 | 53 | 53 | 53 | 53 | 53 | 53 | 53 | 53 | 53 | 53 | 53 | 53 | 53 | 53 | |
| | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | |
| | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | |
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| | 58 | 58 | 58 | 58 | 58 | 58 | 58 | 58 | 58 | 58 | 58 | 58 | 58 | 58 | 58 | |
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| Written Exam | |
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| Reasons | | |
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| Class 15 | Class 16 | Class 17 |
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