

Middle School Livestock Evaluation CDE

(rev. Nov 2018)

Purpose

The purpose of the FFA Livestock Evaluation Career Development Event is to (a) understand and to interpret the value of performance data based on industry standards; (b) to make accurate observations of livestock; (c) to determine the desirable traits in animals; (d) to make logical decisions based on these observations; (d) to discuss and to defend their decisions for their placing; (e) to instill an appreciation for desirable selection, management and marketing techniques.

Eligibility

This event is held during the Delaware State Fair. It is open to all middle school FFA chapters and FFA members in good standing.

Participants in the middle school event will place all 6 classes of livestock, take the same multiple choice exam as the high school level, and will provide 1 set of oral reasons. The keep/cull classes will be the middle school team activity. All points for these areas are the same as high school, except that the oral reasons will be a total of 50 points possible, instead of 150 points.

Event Procedures

- A. Each team will be comprised of four members. All four scores will be used to determine the total team score.
- B. The Official Dress for this event will be an FFA T-shirt, jeans, and sneakers/hard shoes. No shorts or open-toed shoes. Contestants wearing either will not be allowed to compete.
- C. Participants will report at/to:
 - 7:30—7:50am for Registration at the FFA Gazebo in The Centre
 - 7:50– 8:30 am for Team Activity at The Centre
 - 8:35 am at the Kent Building for judging
- D. Chapters that show up late will receive zero points for any section that they have missed.**
- E. Any participant in possession of an electronic device, including a cell phone, in the event area is subject to disqualification. They must be turned in to each chapter advisor prior to the start of the event. If a contestant's cell phone or electronic device goes off during the event, that individual will be disqualified.
- F. Contestants will rotate through each species until all classes are complete. **There is to be no talking during the event. Any contestant that violates this rule will receive zero points for that class!**
- G. Contestants must bring pencils and clean clipboard for this event
- H. Materials provided by the state:
 - Paper for reasons will be provided.
 - No notebooks are permitted, only clipboards and calculators will be allowed.
 - 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.

Event Format

- A. Team Activity - Keep/ Cull 100 points total
- B. Individual Activities
 1. Livestock classes - 50 points/class, 300 points total
Six placing classes (two sheep, two swine, one beef cattle, and one market goat). Classes will be determined by availability of animals at the Delaware State Fair. Contestants will be given 15 minutes for each class.
 2. Oral reasons - 50 points/class
One set of oral reasons will be designated by the event chair at the beginning of the event. Reasons will be given after all classes have been placed in an area designated by the CDE Chairs. Participants will be provided paper to take notes on each reason class for preparation.
 3. Written test - 50 points total
The objective, multiple choice exam is designed to determine team members understanding of the livestock industry. The exam will consist of 25 multiple choice questions. Questions will come from the last 3 years of National tests, plus those references in the reference section. Thirty minutes will be given for the exam.

Scoring

Portion	Individual	Team
Classes - 6 @ 50 points	300	1200
Oral Reasons - 1 @ 50 points	50	200
Exam	50	200
Keep/ Cull (team)	————	100
Total points possible	400	1700

105 Experiment Farm Road
Colby, KS 67701
www.beefimprovement.org

National Swine Improvement Federation
204 Polk Hall
North Carolina State University
Raleigh, NC 27695-7621
www.nsisf.com

Gillispie, James R. *Modern Livestock and Poultry Production 8th edition* or most current edition. Albany, NY: Delmar Publishers, Inc. 2004.

Hunsley, R. *Livestock Judging, Selection and Evaluation*. 5th Edition. Danville, IL: Interstate Publishers, 2001.

Sheep Evaluation Reference
<http://animalscience.ag.utk.edu/itcmodules/module1/introductiontosheepevaluation.htm>

Meat Goat Evaluation Reference
<http://www.lsuagcenter.com/NR/rdonlyres/B8FE3706-64DC-417F-A592-B8DEC14B4D9F/43292/pub2951MeatGoatJanuary2008LOWRES.pdf>

Goat Handbook
www.texasgoat.com/Goat_Handbook/

Tiebreakers

If ties occur, the following events will be used in order to determine award recipients (this will be for team as well as individual ties):

1. Total of oral reasons.
2. Total of placing classes.
3. Total of written test score

Awards

Awards will be presented to individuals and teams based upon their rankings at the State Fair FFA Awards Breakfast. The top 10 individuals will receive certificates; top 9 individuals will receive premium money from the Delaware State Fair provided they have registered with the Delaware State Fair for this CDE by June 1st; Top 3 individuals will receive medals.

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 Core Catalog – national CDE test, practicums and team activities
<http://shop.ffa.org/cde-qas-c1413.aspx>

Beef Improvement Federation
Department of Animal Sciences and Food
Kansas State University
Northwest Research Extension Center

Livestock

Form #: 476-3

Team Name
Delaware FFA Association

Team #			
0	2	1	3
0	0	0	0
1	1	1	1
2	2	2	2
3	3	3	3
4	4	4	4
5	5	5	5
6	6	6	6
7	7	7	7
8	8	8	8
9	9	9	9

Code

0	0
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9

State	Last Name										First Name									
A																				
B																				
C																				
D																				
E																				
F																				
G																				
H																				
I																				
J																				
K																				
L																				
M																				
N																				
O																				
P																				
Q																				
R																				
S																				
T																				
U																				
V																				
W																				
X																				
Y																				
Z																				

Placing Classes										
Place	Class Number								Place	
	1	2	3	4	5	6	7	8		
1	1234	0	0	0	0	0	0	0	1234	
2	1243	0	0	0	0	0	0	0	1243	
3	1324	0	0	0	0	0	0	0	1324	
4	1342	0	0	0	0	0	0	0	1342	
5	1423	0	0	0	0	0	0	0	1423	
6	1432	0	0	0	0	0	0	0	1432	
7	2134	0	0	0	0	0	0	0	2134	
8	2143	0	0	0	0	0	0	0	2143	
9	2314	0	0	0	0	0	0	0	2314	
10	2341	0	0	0	0	0	0	0	2341	
11	2413	0	0	0	0	0	0	0	2413	
12	2431	0	0	0	0	0	0	0	2431	
13	3124	0	0	0	0	0	0	0	3124	
14	3142	0	0	0	0	0	0	0	3142	
15	3214	0	0	0	0	0	0	0	3214	
16	3241	0	0	0	0	0	0	0	3241	
17	3412	0	0	0	0	0	0	0	3412	
18	3421	0	0	0	0	0	0	0	3421	
19	4123	0	0	0	0	0	0	0	4123	
20	4132	0	0	0	0	0	0	0	4132	
21	4213	0	0	0	0	0	0	0	4213	
22	4231	0	0	0	0	0	0	0	4231	
23	4312	0	0	0	0	0	0	0	4312	
24	4321	0	0	0	0	0	0	0	4321	

Class 13	
Written Examination	
1	A B C D E
2	A B C D E
3	A B C D E
4	A B C D E
5	A B C D E
6	A B C D E
7	A B C D E
8	A B C D E
9	A B C D E
10	A B C D E
11	A B C D E
12	A B C D E
13	A B C D E
14	A B C D E
15	A B C D E
16	A B C D E
17	A B C D E
18	A B C D E
19	A B C D E
20	A B C D E
21	A B C D E
22	A B C D E
23	A B C D E
24	A B C D E
25	A B C D E

Reasons	
16	17
0	0
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
18	19
0	0
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9

Female Selections			
Animal No.	Class Number		
	9	10	11
	Keep Cull	Keep Cull	Keep Cull
1	0	0	0
2	0	0	0
3	0	0	0
4	0	0	0
5	0	0	0
6	0	0	0
7	0	0	0
8	0	0	0

Class 14										
Slaughter Cattle Grading										
Animal No.	Quality Grade				Yield Grade (Cutability)					
	Prime		Choice		Select		Standard		1.0 1.5 2.0 2.5 3.0 3.5 4.0 4.5 5.0	
	High	Low	High	Low	High	Low	High	Low		
1	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0

Class 12						
Feeder Cattle Grading						
Animal No.	Frame Size		Muscle Thickness			
	Large	Medium	1 2 3 4			
			Small	Interior		
1	0	0	0	0	0	
2	0	0	0	0	0	
3	0	0	0	0	0	
4	0	0	0	0	0	
5	0	0	0	0	0	

Class 15									
Questions on Placing Classes									
Beef			Sheep			Swine			
1	1	2	3	4	1	1	2	3	4
2	1	2	3	4	2	1	2	3	4
3	1	2	3	4	3	1	2	3	4
4	1	2	3	4	4	1	2	3	4
5	1	2	3	4	5	1	2	3	4
6	1	2	3	4	6	1	2	3	4
7	1	2	3	4	7	1	2	3	4
8	1	2	3	4	8	1	2	3	4
9	1	2	3	4	9	1	2	3	4
10	1	2	3	4	10	1	2	3	4