

CHAPTER 18

TENNESSEE FFA LIVESTOCK EVALUATION CAREER DEVELOPMENT EVENT

A Special Project of the Tennessee FFA Foundation

IMPORTANT NOTE

Please thoroughly read the Introduction Section at the beginning of this handbook for complete rules and procedures that are relevant to all Tennessee FFA Career Development Events.

I. PURPOSE

The purpose of the Tennessee FFA Livestock Evaluation Career Development Event is to:

1. stimulate the study of and interest in animal science selection, management and production through the agricultural education curriculum.
2. provide recognition for those who have demonstrated skills and competencies as a result of instruction in animal science.

II. OBJECTIVES

1. To understand and to interpret the value of performance data based on industry standards.
2. To measure the students' knowledge in the following categories:
 - a. to make accurate observations of livestock
 - b. to determine the desirable traits in animals
 - c. 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
3. To develop the ability to select and market livestock that will satisfy consumer demands and provide increased economic returns to producers. Provide positive economic returns to producers as well as meet the needs of the industry.
4. To become proficient in communicating in the terminology of the industry and the consumer.
5. To identify the criteria used in grading livestock. Scenarios will be used in the selection process.
6. To provide an opportunity for participants to become acquainted with professionals in the industry.

III. EVENT RULES

1. Participants will report to the event superintendent for instructions at the time and place shown in the current year's Tennessee FFA Events calendar.
2. Data may be added or deleted as technology changes. When new criteria are adopted, the information will be forwarded to all chapters by January 1 of the event year.

III. EVENT FORMAT

A. Equipment

Materials students must provide- Participants must bring two (No. 2) pencils.

Equipment provided- Participants are not to bring any paper or clipboards. All paper and support boards will be provided.

B. Team Activity (50 points/class 150 points total)

Keep/cull classes- There will be three one selection class, from beef, sheep and hogs, made up of eight animals. Participants will be required to select the four best animals from the eight, using visual appraisal and performance data. Performance data will be provided. The selection class will make up the cooperative team activity.

Performance Records (including EPD's) may be used in the breeding and the keep/cull classes of beef, sheep and swine. Performance criteria, when used, shall be based on standards developed and used by the Beef Improvement Federation, the Sheep Industry Development Program, Inc. and the National Swine Improvement Federation. Participants will be allowed 15 minutes for the keep/cull class.

C. Individual Activities

1. **Livestock classes-** Six classes of livestock of four animals each will be placed. There will be one class each of breeding and market beef, sheep and swine. Participants will be allowed 15 minutes for each class. Performance data may be provided with some classes (50 points/class 300 points total).
2. **Oral reasons-** Three sets of oral reasons will be designated by the event superintendent at the beginning of the event. Reasons will be given after all classes have been placed. Notes will not be permitted during the presentation of reasons; however, participants may use a card with only their placing of the class written on it. (50 points/class 150 points total)
3. **Beef slaughter class-** One class of 5 slaughter cattle will be graded individually, according to the latest U.S.D.A. market grades. Forms will be provided in the team orientation packets that are distributed annually

prior to the event. The class will also be graded according to cutability. (50 points)

4. **Beef feeder class-** One class of 5 feeder cattle will be graded according to the latest U.S.D.A. market grades. Forms will be provided in the team orientation packets that are distributed annually prior to the event. (50 points)
5. **Written test-** A multiple choice exam will be given. The objective exam is designed to determine team members understanding of the livestock industry. The exam will consist of 50 multiple choice questions. Sixty minutes will be given for the exam. (100 points)

IV. SCORING

	Possible Points	
	Individual	Team
Selection Classes		
Beef		
Placings [2]	100	
Oral Reasons [1]	50	
Sheep		
Placings [2]	100	
Oral Reasons [1]	50	
Swine		
Placings [2]	100	
Oral Reasons [1]	50	
Beef Slaughter Class	50	
Beef Feeder Class	50	
Written Test	100	
Team Activity		150
(Keep/Cull)		
Total Team Score**	650	2100
**(top 3 individual's scores plus Team Activity)		

IV. TIEBREAKERS

If ties occur, the following events will be used in order to determine award recipients:

1. Total of oral reasons
2. Total of placing classes
3. Total of grading classes

V. AWARDS

Awards will be presented at the Tennessee FFA Convention. Awards will be presented to the top two teams. Awards are sponsored by a cooperating industry sponsor(s) as a special project, and/or by the general fund of the Tennessee FFA Foundation.

The top five individuals and the top five highest scoring teams shall receive a certificate at the event.

VI. REFERENCES

This list of references is not intended to be 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.

- For the most current copies of U.S.D.A. market standards and posters (large and small) illustrating market grades, write:

Agricultural Marketing Service, U.S.D.A.
Livestock Seed Event-
Standard and Review Branch
Room 2641 South Building
Washington, DC 20250

- For the most current copies of performance criteria standards write:

Beef Improvement Federation
Department of Animal Sciences and Food
Kansas State University
Northwest Research Extension Center
105 Experiment Farm Road
Colby, KS 67701

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

Gillispie, James R. *Modern Livestock and Poultry Production*. 7th Edition. Albany, NY: Delmar Publishers, Inc. 2004.

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

Agriscience 332 - Animal Science (8831B). Instructional Materials Service, Texas A & M University 2588 TAMUS, College Station TX 77843-2588 (979)845-6601

Agriscience 231 - Plant and Animal Production (8651B). Instructional Materials Service, Texas A & M University, 2588 TAMUS, College Station TX 77843-2588 (979)845-6601

VIII. EXAMPLE

Keep/Cull Class Sample Card

Beef/Sheep/Swine

Participant/Team Name _____

Participant/Team No. _____

Circle or list the numbers of the 4 animals you want to keep as replacements.

1 - 2 - 3 - 4 - 5 - 6 - 7 - 8

Event officials will assign a point value to each one of the individual animals, giving the most points to the most desirable animal and the least points to the least desirable animal. If the participant selects the best four animals, full credit will be given.

Official Placing- Keep/Cull

8	7	6	5	4	3	2	1	Animal
18	13	11	8	7	4	3	0	Points

Keep/Cull Class Scores

Participant	Score								
A	6	11	3	4	4	7	2	3	25
B	8	18	7	13	6	11	5	8	50
C	7	13	6	11	5	8	1	0	32

Animals are shown in regular font and point values are in bold font. Point values are established by official judges and will differ with each class.

Livestock Evaluation Career Development Event

Keep/Cull Team Activity Scorecard

Name: _____

Chapter: _____

State: _____

Team No.: _____

Member No.: _____

Keep/Cull Team Activity

Beef/Sheep/Swine – (Select only one species)

Circle or list the numbers of the four animals you want to keep as replacements.

1 – 2 – 3 – 4 – 5 – 6 – 7 – 8

Event officials will assign a point value to each of the individual animals, giving the most points to the most desirable animal and the least points to the least desirable animal. If the participant selects the best four animals, full credit will be given.

Example of Official Placing – Keep/Cull

8	7	6	5	4	3	2	1	Animal
18	13	11	8	7	4	3	0	Points

Participant									Score
A	6	11	3	4	4	7	2	3	25
B	8	18	7	13	6	11	5	8	50
C	7	13	6	11	5	8	1	0	32

Animals selected are shown in regular font with point values for that particular animal shown in bold font. Point values are established by official judges and will differ with each class.