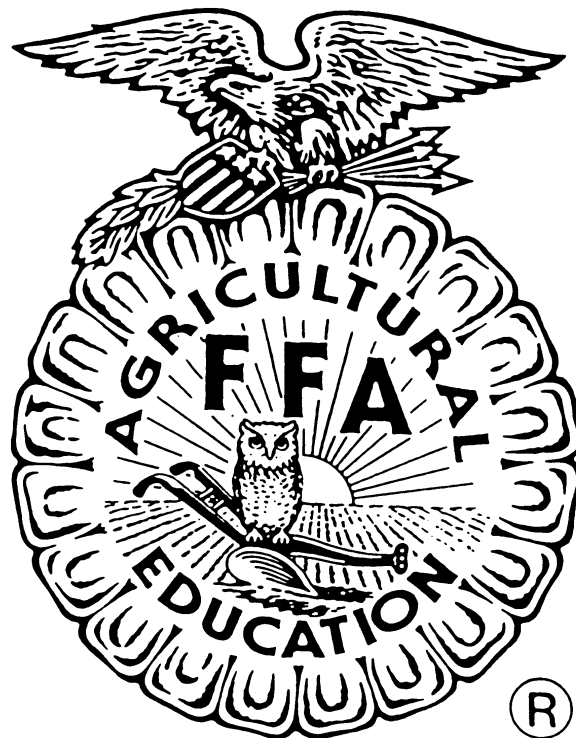


***LIVESTOCK
CAREER DEVELOPMENT EVENT***

RULES AND REGULATIONS

TEAM COMPETITION



ALABAMA FFA ASSOCIATION

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No person shall be denied employment, be excluded from participation in, be denied the benefits of, or be subjected to discrimination in any program or activity on the basis of disability, sex, race, religion, national origin, color, or age. Ref: Sec. 1983, Civil Rights Act, 42 U.S.C.; Title VI and VII, Civil Rights Act of 1964; Rehabilitation Act of 1973, Sec. 504; Age Discrimination in Employment Act; Equal Pay Act of 1963; Title IX of the Education Amendment of 1972: Title IX Coordinator, P.O. Box 302101, Montgomery, Alabama 36130-2101 or call (334) 242-8444.

LIVESTOCK CAREER DEVELOPMENT EVENT

PURPOSE

The purpose of the Livestock Career Development Event is to measure the students' knowledge in the following categories: To make accurate observations of livestock; To determine the desirable traits of animals; To make logical decisions based on these observations; To discuss and to defend their decisions for their placing; To instill an appreciation for desirable selection, management and marketing techniques; To become proficient in communicating in the terminology of the industry and the consumer; and To identify the criteria used in grading livestock.

ELIGIBILITY AND REGULATIONS

For specific eligibility of participants, refer to the Contests and Awards Booklet.

Teams winning county events will be eligible to compete at the district level.

NOTE: An elimination event at the county level must be held to determine the county winner. Only the winner from each county in a district is eligible to participate in the district event. The County Chairman is responsible for planning the county event before the district event is held.

The top four place winners in the North, Central and South Districts will compete in the state finals.

STATE AWARDS/SPONSOR(S):

Refer to Alabama FFA Contests and Awards Booklet at:
http://www.alabamaffa.org/forms_applications.htm

EVENT RULES

The teams competing in this event will be composed of a maximum of four members. The three highest scorers will make up the team.

All materials needed for this event will be furnished.

STATE EVENT

The state event will consist of the following classes/activities. However, the number and type of classes/activities included in the state event is subject to change dependent upon the availability of animals.

BEEF

- **Breeding Class for Placing**

One class of four breeding age animals will be placed.

- **Market Class for Placing**

One class of four market animals will be placed.

- **Oral Reasons Class on Breeding Class or Market Class**

Oral reasons will be presented for either the Beef Breeding Class of animals or the Beef Market Class of animals. Notes will not be permitted; however, participants may use a card with only their placing of the class written on it. The participant will have two minutes to present the reasons.

- **Feeder Cattle Class for Grading**

One class of 5 feeder cattle will be graded individually, according to the latest U.S.D.A. market grades.

- **Slaughter Cattle Class for Grading**

One class of 5 slaughter cattle will be graded individually, according to the latest U.S.D.A. market grades.

SWINE

- **Breeding Class for Placing**

One class of four breeding age animals will be placed.

- **Market Class for Placing**

One class of four market animals will be placed.

- **Oral Reasons Class on Breeding Class or Market Class**

Each participant will present oral reasons for either the Swine Breeding Class of animals or the Swine Market Class of animals. Notes will not be permitted; however, participants may use a card with only their placing of the class written on it. The participant will have two minutes to present the reasons.

SHEEP

- **Breeding Class of Sheep for Placing**

One class of four breeding age animals will be placed.

- **Market Class of Sheep for Placing**

One class of four market animals will be placed.

- **Oral Reasons Class on Breeding Class or Market Class**

Oral reasons will be presented for either the Sheep Breeding Class of animals or the Sheep Market Class of animals. Notes will not be permitted; however, participants may use a card with only their placing of the class written on it. The participant will have two minutes to present the reasons.

WRITTEN EXAMINATION

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.

TEAM ACTIVITY

- **Beef Team Activity (Keep/Cull Class)**

Participants will be required to select the four best animals from eight, using visual appraisal and performance data. Performance data will be provided.

- **Swine Team Activity (Keep/Cull Class)**

Participants will be required to select the four best animals from eight, using visual appraisal and performance data. Performance data will be provided.

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.

SCORING

The possible points for each class/activity in the state event are listed below.

	<u>Possible Points</u>
BEEF	
Breeding Class for Placing	50
Marketing Class for Placing	50
Oral Reasons Class on either the Breeding Class or Market Class	50
Feeder Cattle Class for Grading.....	50 (10 points per animal)
Slaughter Cattle Class for Grading.....	50 (10 points per animal)
SWINE	
Breeding Class for Placing.....	50
Market Class for Placing.....	50
Oral Reasons Class on either the Breeding Class or Market Class	50
SHEEP	
Breeding Class for Placing.....	50
Market Class for Placing.....	50
Oral Reasons Class on either the Breeding Class or Market Class`	50
WRITTEN EXAMINATION.....	50
TEAM ACTIVITY	
Beef Team Activity (Keep/Cull) Class	50
Swine Team Activity (Keep/Cull) Class	50

The classes and activities in the state event listed above are subject to change. If changes are made, the winners from each district that have earned the opportunity to participate in the state event will be notified of the classes/activities that will constitute the event.

SCORING PROCEDURE FOR GRADING CLASSES

SLAUGHTER CATTLE GRADING (10 points per animal)

- **Yield Grading (5 points).** Yield grades are estimated from back fat thickness, loin eye area, percent kidney pelvic and heart fat and the hot carcass weight with the grades ranging from 1 to 5. For each 0.5 deviation from the official grade, subtract 2 points.

EXAMPLE

<u>MAXIMUM POINTS FOR EACH ANIMAL</u>	<u>DEVIATION FROM OFFICIAL GRADE</u>
5	0
4	0.5 + or -
3	1.0 + or -
2	1.5 + or -
1	2.0 + or -
0	2.5 + or -

- **Quality Grading (5 points).** Quality grades are based on A and B maturity cattle with the grades of Prime, Choice, Good and Standard (+) high (-) low. For each ½ grade from the official grade, subtract 2 points.

EXAMPLE

<u>MAXIMUM POINTS FOR EACH ANIMAL</u>	<u>DEVIATION FROM OFFICIAL GRADE</u>
5	0
4	½ grade
3	1 grade
2	1½ grade
1	2 grade
0	2½ grade

FEEDER CATTLE GRADING (10 points per animal)

- **Muscle Scoring (5 points).** Muscle scores are determined by the flare and bulge of muscle the animal shows in the hind quarters with the scores 1, 2, 3, 4. For each 1 deviation from the official score, subtract 2 points.

EXAMPLE

<u>MAXIMUM POINTS FOR EACH ANIMAL</u>	<u>DEVIATION FROM OFFICIAL GRADE</u>
5	0
3	1
1	2
0	3

- **Frame Scoring (5 points).** Frame scoring is determined by the age of the animal and the hip height measurement with the scores of Large, Medium, and Small. For each 1 deviation from the official score, subtract 5 points.

EXAMPLE

<u>MAXIMUM POINTS FOR EACH ANIMAL</u>	<u>DEVIATION FROM OFFICIAL GRADE</u>
5	0
3	1
0	2

KEEP/CULL CLASS SCORING (50 points)

- Numerical value of the 4 keeps must total to 50 points and determined by the discretion of the officials.
- The numerical value for each cull must be lower than the last keep's numerical value.
- Any deviation from the official placing, the participant's score is calculated by totaling the numerical value of the participant's keeps.

CLASSIFICATIONS

Easy Keep
Medium Keep
Hard Keep

Hard Cull
Medium Cull
Easy Cull

EXAMPLE

<u>ANIMAL NUMBER</u>		<u>ASSIGNED VALUE</u>
1	Easy Keep	16
2	Easy Keep	15
3	Medium Keep	11
4	Hard Keep	8
5	Hard Cull	6
6	Hard Cull	5
7	Medium Cull	3
8	Easy Cull	1

<u>Keeps Placing</u>	<u>Score</u>
1 2 3 4	16 + 15 + 11 + 8 = 50 points
1 2 6 8	16 + 15 + 5 + 1 = 37 points

COUNTY EVENT

The County Chairman will contact the Agriscience Teachers in the County to set a date and make plans for conducting the county event. The classes/activities for the county event may be selected from the classes/activities listed for the state event. The number and type of classes/activities to include in the county event is left up to the teachers in the county.

The County Chairman will send the name of the county winner to the District Advisor immediately following the county event.

DISTRICT EVENT

The classes/activities for the district event will be selected from the classes/activities listed for the state event. The number and type of classes/activities to include in the district event is left up to the person(s) in charge of the district livestock event.

Each county winner that has earned the opportunity to participate in the district event will be notified of the classes/activities that will constitute the event as soon as the planning has been completed. This information will be sent directly to the county winner, if known, or to the County Chairman. The County Chairman will get this information to the county winner as soon as the county event is held.

TIEBREAKERS

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

1. Total of oral reasons
2. Total of placings classes
3. Total of grading classes
4. The number of perfect scores (50's) on a team

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 the 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*. 5rd 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.

Front of Livestock Score Card

LIVESTOCK CAREER DEVELOPMENT EVENT
SCORE CARD

PARTICIPANT'S NAME _____ # _____

CHAPTER _____

CLASS _____

PLACING CLASS _____

PLACING: _____ - _____ - _____

KEEP/CULL CLASS _____

KEEP: _____ - _____ - _____

CULL: _____ - _____ - _____

Do Not Write In This Box!
For Official Scoring Only!

PLACING SCORE	
REASONS SCORE	
GRADING SCORE	
KEEP/CULL SCORE	
TOTAL SCORE	

LIVESTOCK CAREER DEVELOPMENT EVENT

CHAPTER _____

Participant's Name	Beef					Swine			Sheep			Written Examination (50 points)	TOTAL
	Breeding (50 points)	Market (50 points)	Reasons (50 points)	Feeder Cattle (50 points)	Slaughter Cattle (50 points)	Breeding (50 points)	Market (50 points)	Reasons (50 points)	Breeding (50 points)	Market (50 points)	Reasons (50 points)		
A													
B													
C													
D													

INDIVIDUALS SUBTOTAL (Total of Three Highest Scoring Individuals)	
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Beef Team Activity (Keep/Cull) (50 points)	
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+

Swine Team Activity (Keep/Cull) (50 points)	
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=

TEAM ACTIVITY TOTAL (Total of Beef Team Activity and Swine Team Activity)	
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TOTAL TEAM SCORE (Total of Individuals Subtotal and Team Activity Total)	
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TEAM RANKING	
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For County & District Events: Use the part(s) of the form that apply.