

Livestock Evaluation

The purpose of the Livestock Evaluation CDE is to provide students the opportunity to learn and apply livestock industry and production priorities through evaluation and selection of beef cattle, swine, sheep and meat goats.

Event Rules

- 1) each team will be comprised of four members, with the lowest being the drop score.
- 2) Students must wear long pants and closed toed shoes. Official dress is not required, but may be worn.
- 3) Any participant in possession of an electronic device in the event, is subject to disqualification
- 4) Teachers and coaches may not enter the arena while the judging competition is taking place. They may stand on the perimeter of the rings to take photos, etc.

Event Format

Each participant needs to provide:

- a) 2 sharpened No. 2 pencils
- b) Clean clipboard
- c) No pre printed materials will be allowed during the event

Individual Events

Keep/Cull Classes (100 points total)

There will be two selection classes that may be beef, swine, sheep or meat goats; each made up of 8 breeding animals. Participants are asked to select the 4 best animals from the 8, using visual appraisal and performance data. Production/Performance data (including EPD's) may be used in the keep/cull classes of beef, swine, sheep or meat goats. Performance criteria, when used, shall be based on current industry standards.

Written Exam (50 points)

The objective, multiple-choice exam is designed to determine team members understanding of the livestock industry. The written exam shall consist of 25 multiple-choice questions and shall come from Gillespies Modern Livestock & Poultry Production, 8th Edition. The chapters the exam may come from include the following:

Chapter 9; Genetics of Animal Breeding

Chapter 10; Animal Reproduction

Chapter 14; Selection and Judging of Beef

Chapter 22; Feeding and Management of Swine

Chapter 26; Selection of Sheep

Chapter 28; Selection, Feeding and Management of Goats

Livestock Evaluation/Placing Classes (50 points per class; 6 classes total)

Six classes of four animals will be placed using a computerized scorecard. Classes may be breeding or market animals from beef, swine, sheep and/or meat goat species. At least one class will include the use of production/performance data.

Oral Reasons (2 sets at 50 points each; 100 points possible)

Two sets of oral reasons will be designated by the event superintendent at the beginning of the event. One set of reasons will be given on performance data. Reasons will be given after all classes have been placed. Participants will need to provide a clean, new steno pad to take notes for the preparation of reasons. Use of notes during reasons is strongly discouraged.

Team Activity (100 points)

Students will work together to determine a solution to a given problem. Students will be graded based on their ability to work together, present an accurate solution to a problem and analyze information related to the livestock industry.

Topics will rotate and will include:

2018: Reproduction and Genetics

2019: Marketing of Livestock

2020: Feeds/Nutrition

2021: Reproduction and Genetics

2022: Marketing of Livestock

Scoring

<u>Activity</u>	<u>Individual Points</u>	<u>Team Points</u>
<u>Team Activity</u>		<u>100</u>
<u>Classes (6 at 50 points)</u>	<u>300</u>	<u>900</u>
<u>Keep/Cull (2 at 50 points)</u>	<u>100</u>	<u>300</u>
<u>Written Exam (25 questions at 2 points)</u>	<u>50</u>	<u>150</u>
	<u>450</u>	<u>1450</u>