

LIVESTOCK SKILLATHON

Eligibility

1. Read General Rules
2. Each county invited to enter two (2) teams of up to four (4) contestants.
3. Teams consist of three or four members. In teams in which there are four members, all will compete, but the member receiving the lowest overall score will be automatically declared the alternate. The scores of the alternate will not be included in any of the team totals, but will be considered in making all individual awards.
Teams consisting of three members will have no alternate and all members' scores will count in determining individual and team awards.

Contest Goal

The primary goal of the 4-H Livestock Skillathon Contest is to provide, in a friendly but competitive setting, an opportunity for youth enrolled in 4-H to develop their livestock production skills and life skills by demonstrating the breadth of their knowledge and understanding of animal science and livestock management practices.

Individual Exercises

1. **Quiz:** (50 possible points) Complete a 25 question multiple choice quiz concerning the total livestock industry.
2. **Livestock Breed Identification:** (50 possible points) Identify beef cattle, swine, sheep, and goat breeds from photographs or pictures. Contestants must also match the breed with the most appropriate description supplied for each breed.
3. **Retail Meat Cut Identification:** (60 possible points) Identify from a provided list the uniformly accepted name of beef, pork, and lamb retail cuts on display including the species, wholesale cut from which each retail cut originates and the retail cut.
4. **Hay and Wool Judging Class:** (100 possible points) Rank a class of four hay (with analysis information) and wool fleeces. Answer questions about the classes (50 possible points 25 points per class).
5. **Quality Assurance Exercise:** (50 possible points) Demonstrate how to read a medicine label, calculate withdrawal times, complete a treatment record, and make responsible management decisions regarding quality assurance.
6. **Livestock Equipment Identification:** (60 possible points) Identify the proper name and use for pieces of equipment used in livestock production. (A list of equipment and potential uses will be provided.)

Total possible individual points = 420

Team Exercises

1. **Quality Assurance Exercise:** (100 possible points) Demonstrate how to read an animal health product label, calculate dosage rates and withdrawal times, complete a treatment record, be familiar with administration routes, animal identification and restraint methods, and make responsible management decisions regarding quality assurance.

2. **Animal Breeding Scenario and Exercise:** (100 possible points) Evaluate an animal breeding/marketing scenario and make animal selection/marketing decisions based upon performance/visual data to rank breeding animals or market them for use within the given scenario.
3. **Evaluation of Performance and Feeding Information:** (100 possible points) Use basic feeding information to calculate important performance and efficiency measures such as: average daily gain, cost per unit of gain, breakeven cost, and profit.
4. **Retail Meat Cut Class:** (75 possible points) Rank a class of four retail meat cuts. Answer questions about the class.
5. **Feed/Nutrient Identification:** (50 possible points) Identify the proper name for livestock feeds and identify each corresponding nutrient group. Feed samples and lists of feed names and nutrient groups will be provided.

Possible point total for team classes = 425

Total team scores will be determined by adding the highest three team member individual competition class totals with the total accumulated from the team competition classes.

(Possible team total = 1,750 points)

Awards: Individual and team awards will be given in all divisions:

Top 5 teams overall

Top 5 individuals overall

The winning teams may participate in the following regional and national contests. Age requirements vary according to contest.

1st Place Team- North American International – Louisville, KY

2nd Place Team- Western National 4-H Roundup- Denver, CO (Livestock Quiz Bowl Contest)