



Animal Science



District & State O-Rama – Junior & Senior 4-H'ers
Animal Science

OBJECTIVES

Targeted Life Skills: Self-esteem, Character, Self-discipline, Self-motivation, Teamwork, Leadership, Cooperation, Planning/Organizing, Critical Thinking, Problem Solving

Opportunities will be provided for faculty to share information about related college degree programs in Animal Science and the following career options:

- Feed and Feed Additive Sales
- Pharmaceutical Sales
- Cooperative Extension Service
- Food Safety
- Livestock Promotion, Sales and Advertising
- Processing and Marketing of Animals and Food Products
- Agricultural Lending Agencies
- Livestock Operations Management
- Professional - DVM, MD, DO, MS, PhD,

The opportunity will be provided for participants to display their knowledge of animal genetics, reproductive physiology, production, nutrition, management, and/or marketing practices.

Participants will be encouraged to become familiar with scientific research and its influence on animal production, management, and marketing practices.

4-H'ers will have the opportunity to develop integrity, sportsmanship, cooperation, and the ability to speak in public.

ELIGIBILITY

District 4-H O-Rama: Each county may enter one Junior and one Senior member at the District 4-H O-Rama.

Arkansas 4-H O-Rama: Senior members will be eligible to compete at the state contest.

ACTIVITY

Each participant should be prepared to present an illustrated talk or method demonstration in an area of animal science such as animal genetics, production, nutrition, management or marketing practices. The presentation can deal with animal species such as beef, dairy, swine, poultry, goats, sheep and other livestock. (Method demonstrations and illustrated talks related to horses must be presented in the "4-H Horse Activity.") A few suggested topics for the animal science activity are as follows:

The Advantages of Crossbreeding in Beef Cattle
How to Formulate Feed Rations
Grading of Beef
Selection of Gilts for Breeding
The Stages of Egg Incubation
Dairy Sire Selection
The Value of Performance Records

Note: Presentations dealing with animal abnormalities, disease prevention and therapeutic practices, surgical procedures, etc., should be given in the veterinary science activity.

Illustrated talks should make full use of visuals and experience. A Junior will be limited to a two-to-five-minute talk. Senior talks will be from five to eight minutes. The judges reserve the right to ask questions related to the topic discussed in the illustrated talk or method demonstration.

JUDGING

This activity will be judged on the standard score sheet for method demonstrations and illustrated talks - CES-663.

AWARDS

District 4-H O-Rama: One trophy will be awarded to the high-scoring Junior participant and one trophy to the high_scoring Senior. Second-, third-, fourth-, and fifth-place winners in the Junior and Senior divisions will receive ribbons.

Arkansas 4-H O-Rama: Senior members placing in the top five at each District 4-H O-Rama will be eligible to compete at the Arkansas 4-H O-Rama. One trophy will be awarded to the high-scoring Senior. Second-, third-, fourth-, and fifth-place winners will receive ribbons, and other participants will receive participation ribbons.

PREPARED BY

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Note: Work done in connection with district and state animal science activities should be reported in 4-H Journals under the related animal species such as beef, swine, dairy, etc. It may also be reported under agriculture.

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