2015 4-H State Livestock Judging Contest

Instructions & Resources
ELIGIBILITY:
Competition is open to enrolled members of Alabama 4-H. Alabama 4-H provides for 10 years of 4-H club membership for youth ages 9-18. Age is calculated on December 31 of the current 4-H year. To be eligible for competition at events held between August 1, 2014 and July 31, 2015, requiring 4-H membership, the member must be 9 years old prior to January 1, 2015.

- **NEW FOR 2015:** The 2015 State 4-H Livestock Judging Contest will consist of three (3) different age Divisions:
  - **Junior Division:** 4-H members that are between 9 and 11 years old before January 1, 2015 (born in 2003, 2004, or 2005).
  - **Intermediate Division:** 4-H members that are 12 or 13 years old before January 1st 2015 (born in 2001 or 2002).
  - **Senior Division:** 4-H members that are between 14 and 18 years old before January 1, 2015 (born in 1996, 1997, 1998, 1999, or 2000).

INDIVIDUALS WITH SPECIAL NEEDS:
4-H members with special needs are requested to provide written documentation by **JUNE 1ST** to:
Jason P’Pool, Extension Specialist for 4-H/Youth Animal Science Programs
112 Upchurch Hall
Auburn University, AL 36849
E-mail: jrp0039@auburn.edu

Entry in the contest is available through 4HOnline. **Deadline for entry is Monday, June 1st.** The registration fee for all participants (including Extension Personnel, Parents, and Adult Volunteer Leaders) is $15. Please make checks payable to **Alabama 4-H** and mail to:
Jason P’Pool, Extension Specialist for 4-H/Youth Animal Science Programs
112 Upchurch Hall
Auburn University, AL 36849

**NEW FOR 2015:**
There is no longer a requirement to “qualify” in District Competition to advance to the State Contest. Also the 2015 State 4-H Livestock Judging Contest is open to all 4-H Members for participation and competition. Competition is for individuals and for teams that shall consist of a minimum of three members. A county team is made up of a minimum of three individuals (in an age division-Junior, Intermediate, or Senior) with no upper limit of participants on the team with the top three scores comprising the team total. For example, if your county has three Junior age members or 10 Junior age members, the county still has one team with the top three scores counting. As a coach, you do not have to designate which members are on the team and which members are considered alternates; the tabulation software puts all your members together as a team and then sorts the top three.

Only one team per county, per age group is permitted. There is no limit to the number of individuals from a county that can participate. If a county has two or more distinct 4-H clubs; each having a separate and distinct Livestock Judging team, then the county may have a team representing each separate and distinct club.

The First Place team will be eligible to represent Alabama at the National 4-H Livestock Judging Contest in Louisville, KY, on November 17, 2015.

All members of the First Place team that represent Alabama at the National 4-H Livestock Judging Contest are ineligible to compete in the State 4-H Livestock Judging Contest the following year.

Winning individuals and teams will be announced and recognized at the conclusion of the State 4-H Livestock Judging Contest, on Thursday, June 18, 2014 at Auburn University.

Teams are to report to the Stanley Wilson Beef Teaching Unit (on Auburn University Campus at 500 Shug Jordan Parkway). Team check-in/final instructions will take place from 8:30 am – 9:00 am, with the contest to start promptly at 9:30 am.
EXTENSION AGENTS/COACHES ARE RESPONSIBLE FOR GIVING THEIR CONTESTANTS THE FOLLOWING INSTRUCTIONS:

1. All contestants must have a pencil or pen. All contestants must bring their own notebooks or paper for taking notes for oral reasons and questions. Junior contestants may use their notes or the provided template, (see page 10), when they give their oral reasons. Intermediate and Senior contestants may not use their notes in giving reasons or answering questions.

2. Participants will be provided a contestant number that will identify them throughout the duration of the Contest.

3. Juniors will judge six to eight (6-8) animal classes. Intermediate and Seniors will judge eight to ten (8-10) animal classes. Contestants will not be allowed to handle any animals during the contest.

4. Juniors will have three (3) nontraditional classes (one each for beef, swine, and sheep/goats—see attached page 4 for more information) and will give one set of oral reasons on a beef class. Intermediates will give oral reasons on two (2) classes (one each on beef and swine or sheep) and will have two (2) questions classes (on either sheep, goats, or swine). Seniors will give four (4) sets of oral reasons (2 on beef cattle, and 1 each on sheep, and swine) and will have two (2) questions classes (on either sheep, goats, or swine). Reasons and questions classes will be identified during the contest. Senior and Intermediate Contestants will have a production scenario and some type of performance data and/or EPDs to aid in placing two classes (a breeding beef cattle class and a breeding sheep class). The scenario classes may or may not necessarily be oral reasons and/or questions classes. Contestants will be assigned to groups at the beginning of the contest. They must stay with their assigned group leader until all classes are judged. Only group leaders and ring stewards will be allowed in the contest area.

5. Since members from a county may be in the same group, please instruct your members about not talking to anyone other than a group leader. Talking or conferring during the contest is prohibited. The contestant cannot wear any markings, clothing items or jewelry that reveals identity or area of residency. All forms of tobacco use are prohibited. Personal communication devices are prohibited. Contestants talking to anyone other than a group leader may be disqualified.

6. Twelve (12) minutes will be allowed for non-reasons/questions classes. Contestants will be allowed fifteen (15) minutes to evaluate reasons/questions classes. Signals will be given to start the class and at various intervals to indicate time remaining. When the final signal is given, cards will be collected.

7. Lunch will be provided for all contestants during a break period in the contest. Coaches and leaders should plan to meet their contestants at the conclusion of their contests.

8. THE CONTEST WILL START PROMPTLY AT 9:30 A.M. FOR ALL Contestants. Once the Contest has Started, no additional Contestants will be allowed to participate.

9. Contestants cannot have taken a post-secondary course in livestock evaluation.

Questions or need more information:
Jason P’Pool
Extension Specialist for 4-H/Youth Animal Science Programs
112 Upchurch Hall
Auburn University, AL 36849
E-mail: jrp0039@auburn.edu
Cell: 334-703-1047
Office: 334-844-1540
Below is an example of Non-traditional Beef Cattle Class. On the day of competition, please know that Sheep/Goats and Swine will also be included. Junior age contestants will view a PowerPoint Slideshow (similar to slides below) and will mark the correct answer on a judging card.

**BEEF CATTLE**

**Non-traditional**

1. A. Chianina  
   B. Limousin  
   C. Charolais  
   D. Shorthorn
2
A. Brangus
B. Hereford
C. Limousin
D. Red Angus

3
A. Maine Anjou
B. Angus
C. Red Poll
D. Shorthorn
A. Tailhead  
B. Switch  
C. Hook Bone  
D. Crest

A. Chuck  
B. Brisket  
C. Loin  
D. Plate
Which bull’s calves should produce the largest rib-eye steaks?

<table>
<thead>
<tr>
<th>Bull</th>
<th>Calving Ease Direct (CED)</th>
<th>Weaning Weight (WW)</th>
<th>Milk (Milk)</th>
<th>Yearling Weight (YW)</th>
<th>Rib Eye Area (REA)</th>
<th>Marbling (MARB)</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>+12</td>
<td>+12</td>
<td>+20</td>
<td>+25</td>
<td>-1.1</td>
<td>-0.02</td>
</tr>
<tr>
<td>B</td>
<td>+16</td>
<td>+15</td>
<td>+18</td>
<td>+18</td>
<td>-0.3</td>
<td>+0.05</td>
</tr>
<tr>
<td>C</td>
<td>-2</td>
<td>+22</td>
<td>+30</td>
<td>+52</td>
<td>+0.4</td>
<td>+0.08</td>
</tr>
<tr>
<td>D</td>
<td>+9</td>
<td>+35</td>
<td>+22</td>
<td>+39</td>
<td>+1.2</td>
<td>+0.12</td>
</tr>
</tbody>
</table>
Which bull’s calves should weigh the least at a year old?

<table>
<thead>
<tr>
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<th>Milk (Milk)</th>
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</tr>
</tbody>
</table>

Similar to BEEF CATTLE, this class will have...
- Breed examples
- Animal parts
- Meat cut diagrams
- EPD’s
I placed this class of _______________________________ heifers _____________—_____________—____________—____________

(Class Name)         (Animal #)          (Animal #)          (Animal #)          (Animal #)

TOP PAIR REASONS

I placed_________________ over _____________________ in the top pair because she was: (circle all the answers that describe your reasons or write your own reasons on the line below)

More Structurally Correct  Higher Volumed  Nicer Balanced  Heavier Muscled  Faster Growing  More Feminine

I grant that_________________ was: (circle all the answers that describe your reasons or write your own reasons on the line below)

More Structurally Correct  Higher Volumed  Nicer Balanced  Heavier Muscled  Faster Growing  More Feminine

But I faulted_________________ because she was:

Structurally Incorrect  Low Volumed  Unbalanced  Light Muscled  Slow Growing  Unfeminine

MIDDLE PAIR REASONS

I placed_________________ over _____________________ in the middle pair because she was: (circle all the answers that describe your reasons or write your own reasons on the line below)

More Structurally Correct  Higher Volumed  Nicer Balanced  Heavier Muscled  Faster Growing  More Feminine

I grant that_________________ was: (circle all the answers that describe your reasons or write your own reasons on the line below)

More Structurally Correct  Higher Volumed  Nicer Balanced  Heavier Muscled  Faster Growing  More Feminine

But I faulted_________________ because she was:

Structurally Incorrect  Low Volumed  Unbalanced  Light Muscled  Slow Growing  Unfeminine

BOTTOM PAIR REASONS

I placed_________________ over _____________________ in the bottom pair because she was: (circle all the answers that describe your reasons or write your own reasons on the line below)

More Structurally Correct  Higher Volumed  Nicer Balanced  Heavier Muscled  Faster Growing  More Feminine

I grant that_________________ was: (circle all the answers that describe your reasons or write your own reasons on the line below)

More Structurally Correct  Higher Volumed  Nicer Balanced  Heavier Muscled  Faster Growing  More Feminine

But I faulted_________________ because she was:

Structurally Incorrect  Low Volumed  Unbalanced  Light Muscled  Slow Growing  Unfeminine
POTENTIAL CONTEST RESOURCES:
The following is a list of references that will assist in preparing for 4-H Livestock Judging, Quizbowl, Meats Judging, and Skillathon contests that involve beef, sheep, meat goat, and swine. Please note that actual references may deviate from this list in an effort to keep current with a rapidly changing livestock industry.

STANDARD REFERENCES:
No endorsement of non-4-H resources is granted or implied by 4-H. 4-H is not responsible for the information found through these resources, nor does it endorse them or their content.

- 4H 134R Swine Resource Handbook for Market and Breeding Projects – The Ohio State University
- 4H 194R Sheep Resource Handbook for Market and Breeding Projects – The Ohio State University
- 4H 117R Beef Resource Handbook for Market and Breeding Projects – The Ohio State University
- 4H 135R Goat Resource Handbook – The Ohio State University
- Kentucky 4-H Livestock Skillathon Information:  http://afslivestock.ca.uky.edu/skillathon
- Penn State University Meat Goat Materials:  http://bedford.extension.psu.edu/agriculture/goat/Goat%20Lessons.htm

4-H MATERIALS – Available at:  http://www.4-h.org/resource-library/curriculum/plant-animal-science-curriculum/
- 08065 Swine 1: The Incredible Pig
- 08066 Swine 2: Putting the Oink in Pig
- 08067 Swine 3: Going Whole Hog
- 08068 Swine - Helper’s Guide
- 08143 Beef 1: Bite into Beef
- 08144 Beef 2: Here’s the Beef
- 08145 Beef 3: Leading the Charge
- 08146 Beef – Helper’s Guide
- 06367 Sheep 1: Rams, Lambs and You
- 06368 Sheep 2: Shear Delight
- 06369 Sheep 3: Leading the Flock
- 06370 Sheep – Helper’s Guide
- 07909 Meat Goat 1: Just Browsing
- 07910 Meat Goat 2: Get Growing with Meat Goats
- 07911 Meat Goat 3: Meating the Future
- 07912 Meat Goat - Helper’s Guide

BEEF CATTLE HANDBOOKS:  https://www-mwps.sws.iastate.edu/catalog/livestock/beef/beef-cattle-handbook-cd
- ANR-1100 – Alabama Beef Cattle Producers Guide
- ANR-1323 – Alabama Beef cattle Pocket Guide

SHEEP PRODUCTION HANDBOOKS:  http://www.sheepusa.org/?page=site/text&nav_id=42c988d7b36d44510788b11f211f83b
- Sheep 101 - http://www.sheep101.info/
- Sheep 201 - http://www.sheep101.info/201/
- ANR-1296 - Alabama Meat Goat & Sheep Producers Small Ruminant Pocket Guide

PORK INDUSTRY HANDBOOK:  https://mdc.itap.purdue.edu/
- National Pork Board Youth Materials
- Pork Checkoff Quick Facts Publication:  http://viewer.zmags.com/publication/5bb6aa6d#/5bb6aa6d/1
- Pork Checkoff’s Pork 100 course can be ordered by calling 800-456-PORK or through the Pork Store by following: http://egashops.directedje.com/PorkStoreProducer/product-listing.asp?CID=25
CURRENT EVENT REFERENCES:
A small percentage of questions will be based on current events in the beef, sheep, meat goat, and swine industries. Since studying from these may appear to be overwhelming, keep these points in mind. Think about major issues that have affected the livestock industry in many ways such as: animal diseases, exports, animal ID, environmental issues, and regulatory changes. The following on-line resources maybe used to develop these questions:

- American Sheep Industry Association website at www.sheepusa.org
- National Cattlemen's Beef Association website at: http://www.beefusa.org
- National Pork Board website at: www.pork.org
- American Meat Institute website at: http://www.meatami.com/
- Pork Magazine (questions related to current industry issues, January – December, 2014) website at: www.porkmag.com
- Beef Magazine (questions related to current industry issues, January – December, 2014) website at: www.beef-mag.com
- Meatingplace.com (an on-line community for red meat and poultry processor in North America, questions related to current industry issues, January – December, 2014) website at: www.meatingplace.com
- Drovers CattleNetwork (questions related to current industry issues, January – December, 2014) website at: http://www.cattlenetwork.com/
- United States Boer Goat Association (questions related to current industry issues, January – December, 2014) website at: http://usbga.org/content/
- Alabama Cattlemen’s Magazine (2014 issues)

LIVESTOCK JUDGING MATERIALS

- University of Kentucky-Judging Performance Classes: http://afs4hyouth.ca.uky.edu/files/judging/judging_Performance_Classes_ASC-167.pdf
- University of Kentucky-Preparing and Giving Oral Reasons: http://afs4hyouth.ca.uky.edu/files/judging/Oral_Reasons_ASC-166.pdf
- Texas A&M University-Various Youth Livestock (Meat and Equine) Publications: http://animalscience.tamu.edu/youth-projects/

MEAT JUDGING MATERIALS


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