Clark County 4-H Livestock Skillathon Contest

2015 Resource Packet

Wednesday- April 8, 2015
Clark County Fairgrounds- Livestock Pavilion
Logandale, NV
Registration- 3:30 pm
Contest- 4:00 pm
Clark County 4-H Livestock Skillathon Contest

Contest Date: April 8, 2015
Location: Clark County Junior Livestock Pavilion, Clark County Fairgrounds, Logandale, NV 89021

Contest Coordinator:
Lacey Sproul
4-H Program Coordinator
PO Box 126
Logandale, NV 89021
702-397-2604 ext 2
sproull@unce.unr.edu

Rules and Regulations

Team and Contestant Eligibility
1. All Nevada 4-H age youth (9-19) in good standing are eligible to compete. Junior, Intermediate, and Senior contestants will compete in separate age divisions, and contestants must participate in their appropriate age division. The age breaks for the age divisions are as follows:
   a. Junior – 9 & 10 years of age on January 1, 2015
   b. Intermediate – 11-13 years of age on January 1, 2015
   c. Senior – 14-19 years of age on January 1, 2015

2. All members of a four person team will compete, but the member receiving the lowest overall score will automatically be declared the alternate. The alternate’s scores will not be included in any of the team totals, but will be considered in making all individual awards.

3. Teams consisting of three members will not have an alternate and all members’ scores will count towards individual and team awards.

4. The four highest placing Seniors, Intermediates and Juniors will be invited to represent Clark County at the State Skillathon Contest, however they are responsible for all expenses.

5. No member may represent Clark County in an out-of-state Skillathon event in which he/she has previously participated. This includes the National Skillathon Contest in Louisville. Additionally, a member may not participate in the National 4-H Livestock Skillathon Contest and the National 4-H Livestock Judging Contest held in conjunction with the North American International Livestock Exposition in Louisville the same year. Contestants in 4-H competitive events must not have participated in official post-secondary (university, college, junior college or technical school) competitive events of a similar nature and in the same subject matter area.

6. This contest covers the understanding and practical application and the principles of Animal Sciences related to beef, sheep, swine, and goats.

7. For an example of Skillathon Answer Sheets see: http://www2.ca.uky.edu/afs4hyouth/skillathon
Contest Method of Conduct

1. Contestants in the Skillathon Contests shall check-in with the contest coordinator or their representative on the day of the contest at least **30 minutes** prior to the scheduled starting time.
2. Only contestants or those designated adults assisting with the contest (group leaders, card runners, contest officials, etc.) will be permitted in the competition area.
3. Teams will be allowed twenty (20) minutes to complete the team activities.
4. While completing the individual competition classes, there will be no conferring between contestants or between a contestant and anyone else except as directed by contest officials. The team competition round will follow the individual competition round.
5. Team members will complete one official answer sheet for each team class representing the combined effort of all team members. Teams will be allowed twenty (20) minutes to complete the group assignment for each class and turn in their answer sheet. During the team competition round of the contest, contestants will only be allowed to confer with their own team members during the time period allowed for each class.
6. Contestants shall not wear any hats.
7. Contestants should bring a blank steno pad, clipboard, blank paper, and writing instruments (pencil preferred). Contestants **may not** bring books, notes, pamphlets, reference materials, calculators (if a calculator is needed one will be provided), or cell phones into the contest area. **Contestants found in contempt of this rule will be disqualified.**
8. Contestants are not to pick up or touch any item that is being identified or evaluated in the individual competition classes.
9. Each club entering this contest must provide at least one individual and one backup individual to assist with the operation of the contest.
   The individuals will serve as:
   i. **Group Leaders**: individuals keep track of youth in their group, make sure there is no talking between contestants, and review score sheets/cards to make sure names and/or numbers are on all score sheets/cards that are turned in. The name and/or number will be highlighted by the group leader to indicate score sheets/cards have been received.
   ii. **Station Coordinators**: individuals make sure there is no talking between contestants, help maintain flow between stations, and answer any questions that contestants may have for the station.
   iii. **Timers**: individuals manage time and instruct contest coordinator and/or contestants of start and finish for specific time frames.
   iv. ** Scorers**: individuals use keys/answer sheets to grade score sheets/cards.
   v. **Other Tasks**: when necessary, individuals may be asked to do different tasks not mentioned above. Instructions will be given on how to complete tasks.

Scoring

1. All contestants will be scored on an individual basis for the skillathon contest.
2. The only exception to this rule is when the contest consists of group activities. In this case, the score received for the activity will be given to all the individuals participating in the group. For example, the group scored an 84 on the group problem; therefore, all individuals participating in the group will receive a score of 84.
3. Group determination for the group activities portion of the Skillathon Contest will be by age classification first and then randomly (count-off: i.e. 1, 2, 3, 4) and will consist of four (4) people per group maximum and three (3) people per group minimum.
Awards

Individual and team awards will be given in each age division, and will include:

- Top 4 Individuals in each age division
- Top team in each age division

* Award ceremony will take place on Saturday, April 11, 2015 during the Clark County Junior Livestock Association Awards Assembly

Contest Classes – Junior Division

Individual Classes

1. Retail Meat Cut Identification: (50 possible points) From a provided list, identify from photographs or pictures the uniformly accepted name of a combination of ten beef, pork, and lamb retail cuts.

2. Livestock Feed Identification: (50 possible points) From a list provided, identify from actual samples the proper name for ten livestock feeds.

3. Livestock Breed Identification: (50 possible points) From a list provided, identify from photographs or pictures, ten livestock (beef cattle, swine, sheep, and goat) breeds.

4. Livestock Equipment Identification: (50 possible points) From a list provided, identify from photographs or pictures the proper name for ten pieces of equipment used in livestock production.

Team Exercises/Activities

NOTE: Team members will confer as a group to complete the following exercises/activities. All team members must participate and have an active role. The specific components that is required for each activity/exercise will be age appropriate.

1. Quality Assurance Exercise: (200 possible points) Team members will demonstrate how to read an animal health product label, calculate dosage rates and withdrawal times, complete a treatment record, be familiar with administration routes, and make responsible management decisions regarding quality assurance.

Junior Skillathon Class List

<table>
<thead>
<tr>
<th>Class Name/ Activity</th>
<th>Points</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Retail Meat ID</td>
<td>50</td>
<td>Identify 10 retail cuts (5 points each)</td>
</tr>
<tr>
<td>Livestock Feed ID</td>
<td>50</td>
<td>Identify 10 feedstuffs (5 points each)</td>
</tr>
<tr>
<td>Livestock Breed ID</td>
<td>50</td>
<td>Identify 10 breeds (5 points each)</td>
</tr>
<tr>
<td>Livestock Equipment I.D.</td>
<td>50</td>
<td>Identify 10 items (5 points each)</td>
</tr>
<tr>
<td>Team Quality Assurance</td>
<td>200</td>
<td></td>
</tr>
</tbody>
</table>

Total Possible Points 400
Contest Classes – Intermediate Division

Individual Classes
1. **Retail Meat Cut Identification**: (100 possible points) From a provided list, identify from photographs or pictures the uniformly accepted name of a combination of ten beef, pork, and lamb retail cuts, including the species.
2. **Livestock Feed Identification**: (100 possible points) From a list provided, identify from actual samples the proper name for ten livestock feeds and each corresponding nutrient group.
3. **Livestock Breed Identification**: (100 possible points) From a list provided, identify from photographs or pictures, ten livestock (beef cattle, swine, sheep, and goat) breeds, and the place of origin for the breed.
4. **Livestock/Meat Equipment Identification**: (100 possible points) From a list provided identify from photographs or pictures the proper name for ten pieces of equipment used in livestock production or the meat industry and the use for the piece of equipment.
5. **Meat Judging Class**: (50 possible points) Rank two classes of four similar retail cuts.
6. **Quiz**: (50 possible points) Complete a quiz concerning the total livestock industry.

Team Exercises/Activities
*NOTE: Intermediate team members will confer as a group to complete the following exercises/activities. All team members must participate and have an active role. The specific components that are required for each activity/exercise will be age appropriate.*

2. **Quality Assurance Exercise**: (200 possible points) Team members will demonstrate how to read an animal health product label, calculate dosage rates and withdrawal times, complete a treatment record, be familiar with administration routes, and make responsible management decisions regarding quality assurance.

Intermediate Skillathon Class List

<table>
<thead>
<tr>
<th>Class Name/Activity</th>
<th>Points</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Retail Meat ID</td>
<td>100</td>
<td>Identify 10 retail cuts (5 points each) and the species (5 points each)</td>
</tr>
<tr>
<td>Livestock Feed ID</td>
<td>100</td>
<td>Identify 10 feedstuffs (5 points each) and their nutrient group (5 points each)</td>
</tr>
<tr>
<td>Livestock Breed ID</td>
<td>100</td>
<td>Identify 10 breeds (5 points each) and origin of breed (5 points each)</td>
</tr>
<tr>
<td>Livestock/Meat Equipment I.D.</td>
<td>100</td>
<td>Identify 10 items (5 points each) and its use (5 points each)</td>
</tr>
<tr>
<td>Retail Meat Judging Class I</td>
<td>50</td>
<td>Placing class only</td>
</tr>
<tr>
<td>Quiz</td>
<td>50</td>
<td>25 questions (2 points each)</td>
</tr>
<tr>
<td>Team Quality Assurance</td>
<td>200</td>
<td></td>
</tr>
<tr>
<td>Total Possible Points</td>
<td>700</td>
<td></td>
</tr>
</tbody>
</table>
Contest Classes-Senior Division

Individual Classes
1. Retail Meat Cut Identification: (150 possible points) From a provided list, identify from photographs or pictures the uniformly accepted name of a combination of ten beef, pork, and lamb retail cuts, including the species, wholesale cut from which each retail cut originates, and the retail cut.

2. Livestock Feed Identification: (100 possible points) From a list provided, identify from actual samples the proper name for ten livestock feeds, each corresponding nutrient group, and the unique characteristics or uses of the feedstuff.

3. Livestock Breed Identification: (100 possible points) From a list provided, identify from photographs or pictures, ten livestock (beef cattle, swine, sheep, and goat) breeds, origin of the breed, and unique characteristics/important traits for the breed.

4. Livestock/Meat Equipment Identification: (100 possible points) From a list provided identify from photographs or pictures the proper name for ten pieces of equipment used in livestock production or the meat industry and the use for the piece of equipment.

5. Meat Judging Class: (50 possible points) Rank two classes of four similar retail cuts of meat and answer 5 questions pertaining to one class.

6. Hay Judging Class: (50 possible points) Rank a class of four hay samples with forage analysis information, nutrient requirements of the species being fed and a production scenario.

7. Quiz: (50 possible points) Complete a quiz concerning the total livestock industry.

Team Exercises/Activities
NOTE: Senior team members will confer as a group to complete the following exercises/activities. All team members must participate and have an active role. The specific components that are required for each activity/exercise will be age appropriate.

1. Quality Assurance Exercise: (200 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, and make responsible management decisions regarding quality assurance.

2. Livestock Feeding and Performance Exercise: (200 possible points) Team members will evaluate a number of feed rations and related information concerning the feed rations and rank the feed rations from most ideal to least ideal to meet a specific livestock production scenario.
<table>
<thead>
<tr>
<th>Class Name/Activity</th>
<th>Points</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Retail Meat ID</td>
<td>150</td>
<td>For each of 10 retail cuts provide: Retail name (5 points each) Species (5 points each) Wholesale cut (5 points each)</td>
</tr>
<tr>
<td>Livestock Feed ID</td>
<td>100</td>
<td>For each of 10 feedstuffs provide: Feedstuff name (5 points each) Nutrient group (5 points each)</td>
</tr>
<tr>
<td>Livestock Breed ID</td>
<td>100</td>
<td>For each of 10 breeds provide: Breed name (5 points each) Origin of breed (5 points each)</td>
</tr>
<tr>
<td>Livestock/Meat Equipment I.D.</td>
<td>100</td>
<td>For each of 10 items provide: Item name (5 points each) Use (5 points each)</td>
</tr>
<tr>
<td>Retail Meat Judging Class I</td>
<td>50</td>
<td>Placing class 5 questions (5 points each)</td>
</tr>
<tr>
<td>Hay Judging Class</td>
<td>50</td>
<td>Placing class only with data</td>
</tr>
<tr>
<td>Quiz</td>
<td>50</td>
<td>25 questions (2 points each)</td>
</tr>
<tr>
<td>Team Quality Assurance</td>
<td>200</td>
<td></td>
</tr>
<tr>
<td>Team Livestock Feeding/Performance</td>
<td>200</td>
<td></td>
</tr>
<tr>
<td>Total Points Possible</td>
<td><strong>1000</strong></td>
<td></td>
</tr>
</tbody>
</table>