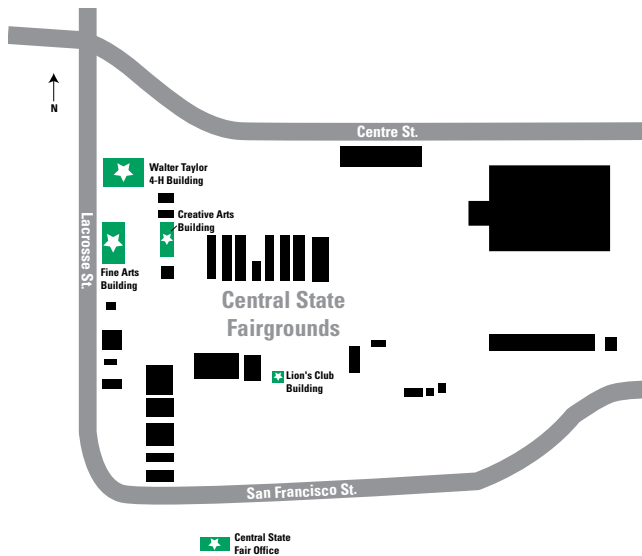




**FEBRUARY 1, 2020**

**Registration deadline: January 10, 2020**

**Central States Fairgrounds & Walter Taylor 4-H Building  
601 E. Centre St., Rapid City, SD**



Location: The Walter Taylor 4-H Building is located on the northwest corner of the Central States Fairgrounds, at 601 E. Centre St., Rapid City. Maps are available on google and other mapping devices. Contests are in multiple buildings on the Central States Fairgrounds and Walter Taylor 4-H Building; please check your contest information for the exact building being used to run the contest.

**In This Packet:**

- Black Hills Stock Show® Youth Day Exhibitor Information
- Beef Bust
- Scholarship Opportunity
- Results Information
- Preliminary Show Schedule
- YQCA Instructor Led Training Opportunity
- Contest Rules and Registration Information
 

Beef Cook-Off	5-7
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Horse Quiz Bowl	10-13
Livestockology	14-16
Livestock Judging	17-19

**Event Committee**

**Amber Erickson**  
SDSU Extension 4-H Youth Development Field Operations Coordinator

**Amanda Stade**  
SDSU Extension State 4-H Events Management Coordinator

**Regina Bakley**  
SDSU Extension 4-H Youth Program Advisor, Pennington County

**Laura Alexander**  
SDSU Extension 4-H Youth Program Advisor Lyman/Brule Counties

**John Keimig**  
SDSU Extension Youth Safety Field Specialist State 4-H Office

**Caroline Hansen**  
SDSU Extension 4-H Youth Program Advisor Davison/Hanson Counties

**LaDonna McKnight**  
4-H Volunteer

**Rachel Day**  
Chamber of Commerce Ag and Natural Resources Committee

**Jennifer Voigt**  
SDSU Extension 4-H Youth Program Advisor Meade County

**Kaycee Jones**  
SDSU Extension 4-H Youth Program Advisor Haakon/Jackson Counties

**Hilary Risner**  
SDSU Extension Regional 4-H Youth Program Advisor

**Gentie Hendrix**  
Rapid City Area Schools- Stevens HS Agriscience Instructor/FFA Advisor



### Inclement Weather

In the event of inclement weather before or during the Youth Day Activities, updates or cancellations will be emailed to the email addresses provided on the registration forms. Notices will also be posted to the Pennington County 4-H Facebook page as well as the State 4-H Facebook page.

### Exhibitor Information

This packet is provided to help in your preparation for the events. All contest rules can be found in each contest section throughout the packet. If you have any questions, please contact the committee chair, listed at the top of each contest section or Regina Bakley, SDSU Extension 4-H Youth Program Advisor 605-394-2188 or [regina.bakley@sdstate.edu](mailto:regina.bakley@sdstate.edu).

**Eligibility:** All Youth (non-4-H and 4-H) are invited to enter Youth Day activities. Age requirements for the Beef Cook-off, Livestock Judging, Livestockology, Horse Quiz Bowl, and Hippology, are that a youth must be at least 8 years of age by January 1, 2020 and must not have turned 19 by January 1, 2020.

**Dress code:** All events are as follows: button up shirt, polo, or team shirt, can be short or long sleeved, boots (Livestock Judging & Livestockology) or closed-toed shoes, and denim/dress pants. Please dress for weather if events are outside.

### Results

All results will be announced after the conclusion of contests and any tabulations that are necessary. Results will be posted after the announcements of the top teams and individuals in the Fine Arts Building and will be available within two weeks on <https://extension.sdstate.edu/>. All results are final.

Awards will be presented at the conclusion of each individual event in the area the event was held.

**ENTRY BLANKS MUST BE RECEIVED OR POSTMARKED ON OR BEFORE  
*January 10, 2020.***

**MAIL TO: Pennington County 4-H 601 E Centre St. Rapid City, SD 57701  
ABSOLUTELY NO LATE ENTRIES WILL BE ACCEPTED.**

**Beef Bust:** For all Youth Day participants and their families from Approx. 11:00 am -1:00 pm in the Fine Arts Building, Central States Fairgrounds. The lunch is free and thank you cards may be sent to the business address on the slip you will receive upon getting lunch.

**Scholarship Opportunity:** Young women and men who graduated from high school in the spring of 2019 or will graduate in the spring of 2020 are eligible to apply. They also must live within a 150 mile radius of Rapid City. Two \$2,000 scholarships will be awarded for formal instruction in any South Dakota accredited university, college, technical school or other recognized program preparing young people in agricultural and natural resources related fields. Two \$500 scholarships will also be offered to students who attend or plan to attend Western Dakota Technical Institute.

Interviews for finalists will begin at 8:00 am, February 1st at the Central State Fair Office (800 San Francisco St.). Applications must be received in the Rapid City Area Chamber of Commerce by January 10, 2020. Applications available online at <http://www.rapidcitychamber.com/committees/agriculture-natural-resource-committee> under "Scholarships" section.

- **APPLICATIONS DUE NO LATER THAN MONDAY, JANUARY 6, 2020**
- **Send applications to: Rapid City Area Chamber of Commerce, P.O. Box 747, Rapid City, SD 57709**
- **Interviews January 26, 2019**
- **Questions call Rachel Day 605.718.8454 or email [day@rapidcitychamber.com](mailto:day@rapidcitychamber.com).**

**Youth for the Quality Care of Animals instructor led training:** The Youth for the Quality Care of Animals instructor led training (YQCA ILT) is an annual certification program for ages 8 to 18 years of age. This certification provides youth exposure to food safety, animal well-being, and life skills as they apply to seven species of livestock, including: beef cattle, dairy cattle, sheep, goats, pigs, poultry, and rabbits. All 4-H members exhibiting livestock at a South Dakota 4-H event during the 2019-20 4-H year are required to attend one of these trainings.

To register for this training, participants can visit <https://yqca.learnrow.io/Account/Login>. 4-H members should login using their 4H Online account login; all other participants may login as an independent. After selecting their age level, participants can register for the "Rapid City, February 1, 2020, 4:00 PM" training after selecting their state as "South Dakota". Registrations will be accepted until Friday, January 17th, 2020. This class will be limited to 50 youth participants in order to provide the best learning experience.

The cost to attend is \$3 per youth and is collected at the time of registration. Additional information and help sheets for the YQCA program can be found on [extension.sdstate.edu](http://extension.sdstate.edu). For more information on this specific YQCA ILT, contact Hilary Risner at (605) 394-1722 or [hilary.risner@sdstate.edu](mailto:hilary.risner@sdstate.edu). For individuals interested in learning more about the national YQCA certification program, please visit <https://yqca.org>.

**PRELIMINARY YOUTH DAY SCHEDULE**  
**Saturday, February 1, 2020**  
**Subject to change as necessary**  
**All Times are Mountain Time Zone**

TIME	EVENT	PLACE
8:00 AM	Scholarship Interviews	Central States Fair Office
8:00 AM –3:00 PM	Beef Cook-Off	WT 4-H Building
8:00 AM	Hippology Check-in	Creative Arts Building
7:30-8:30 AM	Livestock Judging Check-In	Fine Arts Building
8:45 AM	Livestock Judging Contestant Meeting	WT 4-H Building
11:00 –Approx. Noon	Beef Bust	Fine Arts Building
Approx. Noon – 1:00 pm	Horse Quiz Bowl check in	Fine Arts Building
Approx. Noon – 1:00 pm	Livestockology check in	Creative Arts Building
1:00 PM	Livestockology Contest Begins	Creative Arts Building
4:00 pm	Youth for the Quality Care of Animals (YQCA) Training	WT 4-H Building
Note: WT 4-H Building = Walter Taylor 4-H Building		



### Beef Cook-Off Co- Chairs:

#### LaDonna McKnight

4-H Volunteer  
605-890-9739

#### Jenny Voigt

SDSU Extension 4-H Youth Program Advisor -  
Meade County  
605- 347-2436

- The object of the Beef Cook-Off is to promote beef and have fun at Youth Day.
- First place winners from last year's (2019) Cook-Off are not eligible to participate in the current contest. They may serve as a Junior Judge.
- Any cut of beef may be used. Please indicate on the entry form which cut will be used and the amount needed.

### Beef Cook-Off:

Contest begins at 8:00am on February 1st at the Walter Taylor 4-H Building/Kitchen. Any cut of beef can be used and will be provided to the contestant. All cook-off entries must be accompanied by the complete recipe.

Winners from the Beginner, Junior, and Senior divisions will be awarded prizes from the South Dakota Beef Council and Black Hills Stock Show®.

Top winners from the 2019 Beef Cook-Off will not be permitted to enter competition for this year (2020), but will be eligible to enter the following year (2021). This is to allow others to have a chance to win. All 2019 winners who are interested in helping in this year's activities as a "junior judge" are to contact LaDonna McKnight at 605.890.9739 by January 11, 2020 or sooner.

- **ENTRIES DUE ON OR BEFORE JANUARY 10, 2020.**
- **Send entries to: SDSU Extension - Pennington County 4-H, 601 E Centre Street, Rapid City, SD 57701**
- **Questions call LaDonna McKnight at 605.890.9739 or email [lmcknight5691@gmail.com](mailto:lmcknight5691@gmail.com)**
- **All recipes must be emailed in Microsoft Word format- NO PDF's to: [lmcknight5691@gmail.com](mailto:lmcknight5691@gmail.com)**

THE RECIPE MUST ACCOMPANY THE ENTRY. ENTRIES WITHOUT A RECIPE WILL BE DISQUALIFIED. MUST BE SUBMITTED VIA EMAIL IN WORD FORMAT TO: [lmcknight5691@gmail.com](mailto:lmcknight5691@gmail.com) by January 10, 2020.

### Rules and Regulations

1. Recipe must include beef (beef will be furnished). Contestant will furnish remaining ingredients and utensils. Please limit ground beef recipes to **1 pound** and recipes for other cuts of beef to a **maximum of four (4) servings**. If you have questions you can contact the chair.

Please send recipe to email address above: I must be able to cut and paste recipe; if not, I will request that you re-send it in word format. If not received in word format it will not be included in the recipe book with the contest recipes and you will be deducted 10 points from your final score.

2. The recipe will be prepared using any small appliances (please bring); ovens or top of range (will be provided). The number of ovens and top of ranges are limited.

*Suggestions of electrical appliances you could bring:*

- |                     |                 |                           |                        |               |
|---------------------|-----------------|---------------------------|------------------------|---------------|
| 1. Electric Skillet | 4. Toaster oven | 7. Waffle Iron            | 10. Griddle            | 13. Air Fryer |
| 2. Fondue pot       | 5. Deep fryer   | 8. Wok                    | 11. Broiler/Rotisserie |               |
| 3. Blender          | 6. Roaster      | 9. Small hamburger cooker | 12. Instapot           |               |

Microwave oven will be available.

Each contestant must supply his or her own portable appliance and utensils.

3. One complete copy of recipe must be sent with the entry blank. On the day of the contest, contestant should furnish one copy of recipe neatly printed or typed. Please cover recipe with clear plastic or a recipe sleeve. Recipe should be

written in standard form for display while preparing the dish and during judging. Please do not do any special formatting, follow the format of the example below:

All-American Hamburger	-Title
1 pound ground beef Salt and pepper, to taste	-Ingredients
Season meat with salt and pepper. Shape into 4 patties. Broil or pan fry patties to an internal temperature of 160°F	- List complete directions
Yield: 4 patties Cost: \$.35 per serving	- List number of servings in recipe and cost per serving

4. Complete and prepare entire product during the one hour and 15 minutes assigned. Onions, green pepper may be chopped, cheese shredded, etc., beforehand.
5. Use appropriate dish or plate to display the entire finished product. (a complete, "formal" place-setting is not required)
6. Individual work area must be cleaned by each contestant. No food or grease discarded in drain. PLEASE!!! Please bring appropriate storage containers for taking product home.
7. Divisions – Beginner (8-10) Junior (11-13) - Senior (14-19) as of 1/1/2020
8. The finished product will be judged according to the following criteria:

<b>PREPARATION OF RECIPE</b>	<b>30 TOTAL</b>
1. Cleanliness and neatness of cook -Hair tied back or secured with scarf of cap -Clean hands and apron -Neat attire	5 points
2. Preparation -Cleanliness and neatness -Organization -Clean work area	15 points
3. Interview -Knowledge of food preparation, nutrition and food safety	10 points
<b>PRODUCT</b>	<b>70 TOTAL</b>
1. Clarity and neatness of recipe card -Legible, easy to read -Standard form, all ingredients and directions included	10 points
2. Originality -Creative recipe -Not a duplicate of previous winners -Value conscious per servings	10 points
3. Appearance -Eye appealing, garnished -Good color -Serving utensil free from spillovers	20 points
4. Flavor and aroma -Pleasant blend of seasonings -Good taste of entire dish -No overpowering flavor	30 points
5. Recipe not submitted in correct format	-10 points

9. Please check in up to 30 minutes prior to your shift starting. If the additional shift is needed due to the number of contestants, the contest will be extended to include the third shift.
10. Parents will not be allowed in the kitchen area.
11. No Animals will be allowed in the kitchen and meeting room areas.
12. Decision of judges will be final.
13. First, second and third place winners will be awarded in the Beginner, Junior Division and first and second in the Senior Division.

**Awards will be presented within 1 hour after the final shift is completed and no later than 3:00 pm.**



Black Hills Stock Show® Youth Day  
 Beef Cook-Off  
 Saturday, February 1, 2020  
 Walter Taylor 4-H Building  
 8:00 a.m. – 3:00 p.m.



All contestants must fill in this form and return it with one complete copy of the recipe you will use at the Beef Cook-off. Entries without recipes will be disqualified.

**Send entry to: SDSU Extension - Pennington County 4-H or email: [regina.bakley@sdstate.edu](mailto:regina.bakley@sdstate.edu)**  
**601 E Centre Street**  
**Rapid City, SD 57701**  
**Phone: 605.890.9739**  
**Send recipe via email in Word Format: [lmcknight5691@gmail.com](mailto:lmcknight5691@gmail.com)**

I must be able to cut and paste recipe; if not, I will request that you re-send it in a Word document. If not received in a Word document, it may not be included in the recipe book with the contest recipes, and 10 points will be deducted from your final score.

**RETURN BY January 10, 2020**  
**ABSOLUTELY NO LATE ENTRIES WILL BE ACCEPTED!**  
**Please print legibly! Retain a copy for your records.**

NAME \_\_\_\_\_ BIRTH DATE \_\_\_\_\_

BEG. \_\_\_\_\_ JR. \_\_\_\_\_ SR. \_\_\_\_\_  
 (8-10) (11-13) (14-18) as of 1/1/20

MAILING ADDRESS \_\_\_\_\_

CITY/STATE \_\_\_\_\_ ZIP \_\_\_\_\_ EMAIL: \_\_\_\_\_

PHONE NUMBER \_\_\_\_\_ PARENTS NAME \_\_\_\_\_

CLUB OR CHAPTER \_\_\_\_\_ LEADERS NAME \_\_\_\_\_

COUNTY \_\_\_\_\_ TITLE OF RECIPE \_\_\_\_\_

CUT OF BEEF TO BE USED \_\_\_\_\_ AMOUNT NEEDED FOR RECIPE \_\_\_\_\_

EQUIPMENT:  Bringing Own Appliance \_\_\_\_\_  Oven/Range \_\_\_\_\_

PREFERRED TIME (Please check one):      8:30-10:00      10:30-12:00      12:30-2:00 (if needed)

Please list the other activities you are involved in during the Stock Show (example: Livestock Judging, Horse Quiz Bowl, Hippology)

\_\_\_\_\_

Please read the following statement and sign: I agree to follow the rules of the contest, as set forth by the Chairman and to accept the decisions of the judges as final. My recipe, hereby attached, may be used in any form to promote beef cookery. I also understand that SDSU Extension, Black Hills Stock Show® and Central States Fairgrounds, Inc., will not be responsible for any injuries incurred during the contest. If canceling your registration, please contact LaDonna McKnight as soon as possible so schedule adjustments can be made.

\_\_\_\_\_  
 Contestant's Signature

\_\_\_\_\_  
 Parent's Signature

**THIS FORM MUST BE COMPLETED WITH SIGNATURES OR YOU WILL NOT BE ALLOWED TO PARTICIPATE**



**Hippology contest chair: Kaycee Jones**

SDSU Extension 4-H Youth Program Advisor  
Haakon/Jackson Counties  
605-859-2840

Hippology is an activity that can make learning fun for 4-H members, by letting them exhibit their knowledge and understanding of horse science and husbandry in a friendly but competitive setting. The contest has three different phases: 1. Written Test, 2. Station Identification, 3. Team problems. Due to space and time constraints, there will be no Horse Judging portion in this contest. Questions come from the following sources: *IDET Illustrated Dictionary of Equine Terms* - New Horizons Equine Education Center. Alpine Publications, PO Box 7027, Loveland, CO 80537 Phone: (800) 777-7257 *Lewis Feeding and Care of the Horse* - Lon Lewis Williams and Wilkins. Second Edition. 351 West Camden Street, Baltimore, MD 21201-2436 Phone: (800) 638-0672 • *HIH Horse Industry Handbooks and updates* - American Youth Horse Council; 1 Gainer Rd, McDonald, NM 88262 Email: [info@ayhc.com](mailto:info@ayhc.com) Phone: 817.320.2005 Web: <http://www.ayhc.com/shop> *HS Horse Smarts* - American Youth Horse Council; 1 Gainer Rd, McDonald, NM 88262 (available spring 2017) Email: [info@ayhc.com](mailto:info@ayhc.com) Phone: 817.320.2005 Web: <http://www.ayhc.com/shop> *AQHA AQHA Rulebook: 2019 66th edition* <http://aqha.com/handbook> *Parker Equine Science* – Rick Parker. Fourth edition. ISBN-13: 9781111138776; Published January 2012

Youth may participate as an individual or as a part of a team. Youth may only participate on ONE team. Youth participating as an individual will not complete the team problem and will not be eligible for team awards. A team consists of 3 or 4 members. Juniors may compete on senior teams but seniors may not be on junior teams. Any youth that has participated in the National Eastern or Western 4-H Hippology contest is ineligible for awards.

## THE CONTEST

1. Written test - Multiple choice, true/false, or fill in the blank type questions. All questions and answers to this contest may be found in the same reference material used for Horse Bowl.
2. Station Identification - Examples of stations which may be used include: parts of a saddle, tack, bits, grains and forages, age of a horse based on teeth, conformation faults, parts of a horse, or anatomy.
3. Team Problems - All teams will be presented with one oral and one written problem. Each team will have equal time to discuss among themselves a solution/answer to each problem. Teams will be given 5 minutes to present an oral solution/answer immediately after the oral problem is discussed. Evaluation will be based on the understanding of the problem, completeness of the response, the probability of success of the solution, and participation by each team member. Examples of team problems: Balancing a horse's ration, training and conditioning programs, correcting behavioral problems, or considerations for the establishment of a new horse facility.

Due to space and time constraints, there will be no Horse Judging portion in this contest.





**ENTRY: PRE-ENTRY REQUIRED**

**DEADLINE: January 10, 2020**

Send entry to: Pennington County 4-H  
601 E Centre St.  
Rapid City, SD 57701  
Phone: 605-394-2188

Entries can also be e-mailed to: [regina.bakley@sdstate.edu](mailto:regina.bakley@sdstate.edu)

\*To register an individual participant, circle "individual" and complete all but team members.

\*To Register more than two teams, attach additional sheets as needed

COACH'S NAME –or – INDIVIDUAL \_\_\_\_\_

INDIVIDUAL AGE DIVISION:      Junior                  Senior

ADDRESS \_\_\_\_\_

CITY, STATE, ZIP \_\_\_\_\_

EMAIL ADDRESS \_\_\_\_\_

CLUB OR CHAPTER \_\_\_\_\_

COUNTY \_\_\_\_\_ PHONE: \_\_\_\_\_

Please read and sign the following statement:

I agree to follow the rules of the contest as set forth by the Chairman and to accept the decision of the judges as final. I also understand that SDSU Extension, Black Hills Stock Show®, and Central States Fairgrounds, Inc. will not be responsible for any injuries during the contest.

\_\_\_\_\_  
Coach's/Individual's Signature

**TEAM "ONE" MEMBERS:**      Junior   Senior

TEAM NAME: \_\_\_\_\_

MEMBERS 1. \_\_\_\_\_ AGE \_\_\_\_\_

2. \_\_\_\_\_ AGE \_\_\_\_\_

3. \_\_\_\_\_ AGE \_\_\_\_\_

4. \_\_\_\_\_ AGE \_\_\_\_\_

Alternate \_\_\_\_\_

**TEAM "TWO" MEMBERS:**      Junior   Senior

TEAM NAME: \_\_\_\_\_

MEMBERS 1. \_\_\_\_\_ AGE \_\_\_\_\_

2. \_\_\_\_\_ AGE \_\_\_\_\_

3. \_\_\_\_\_ AGE \_\_\_\_\_

4. \_\_\_\_\_ AGE \_\_\_\_\_

Alternate \_\_\_\_\_

Coach/Advisor \_\_\_\_\_ Phone \_\_\_\_\_

Alternate \_\_\_\_\_

AGE: 4-H age as of 1/1/2020; Junior 13 and under, Seniors 14 and over



**Horse Quiz Bowl Contest Co-Chairs: Laura Alexander**

Phone: 605-234-4431  
[laura.alexander@sdstate.edu](mailto:laura.alexander@sdstate.edu)

**Gentie Hendrix**

Phone: 605-394-4051 ex.201  
[gentie.hendrix@K12.SD.US](mailto:gentie.hendrix@K12.SD.US)

**PLEASE NOTE:** National 4-H Rules and single-elimination format will be used. Check-in time will be 12:00pm or half hour after Hippology contest has ended in the Creative Arts Building.

Awards will be given to members of the winning team, second place team, and 1st, 2nd and 3rd place individuals. Please ask for an early shift in the Beef Cook-off if you plan to enter the Cook-off and the Horse Quiz Bowl contest. Send in your entries early! Horse bowl will be limited to 16 teams. More spots may be opened based on interest.

- **ENTRIES DUE ON OR BEFORE JANUARY 10, 2020.**
- **Send entries to: Pennington County 4-H 601 E Centre St. Rapid City SD 57701**
- **Questions call Laura Alexander at 605-234-4431**

**GENERAL RULES AND REGULATIONS:** Please make sure to read these in their entirety, as some aspects have changed. Please note any changes that affect you and/or your team. The rules for this contest are in line with the rules of the National Western Roundup contest which can be found at <http://www.westernnationalroundup.org/index.aspx>.

**Questions will come from the following sources:**

*Illustrated Dictionary of Equine Terms; The Horse 2nd edition by J.W. Evans; Feeding and Care of the Horse 2nd Edition by Lon Lewis Williams and Wilkins; Horse Industry Handbook (American Horse Council); Horse Smarts: An Equine Reference & Youth Activity Guide (American Horse Council); and AQHA Rulebook, 2017 65th edition—only show rules will be used (SHW300-SHW712). Available at: <https://www.aqha.com/>; and *Equine Science, 4th Edition* by Rick Parker.*

I. Eligibility and Selection of Teams

- Contestants need not be 4-H members
- Contestants must be at least 8 years of age by January 1, 2020 and must not have turned 19 years old by January 1, 2020.
- There will not be a Junior and Senior contest. All ages compete together.  
There will be a limit of 16 teams and will be taken in the order of arrival at the Pennington County 4-H Office, Rapid city SD.
- An alternate list will be compiled with the remaining teams. Once your registration is accepted, you will receive a confirmation letter/e-mail from the contest superintendent.
- Any youth that has participated in Eastern National or Western Classic National 4-H Horse Quiz Bowl contests are ineligible.
- This will be a single-elimination contest due to space and time limitations.
- Counties or FFA Chapters may enter one or two teams, with the understanding your second team may not get to compete because of the 16-team limit.

II. Procedure of Play

- Phase One: One-on-one competition.  
Each question will be addressed to only one member of each team beginning with the #1 contestant of each team and progressing with subsequent questions to the # 2, 3, and 4 contestants on each team until all the one-on-one questions have been asked. Correct responses + 2. Incorrect Response -1.
- Phase Two: Toss-up Questions: Open to response by all contestants. These points will count toward individual and team scores. Correct response + 1. Incorrect response -1.

C. Bonus Questions

A toss-up question could have a bonus question attached. The bonus question is given to the team whose member has correctly answered the toss-up question. If the toss-up question is not answered, or answered incorrectly the bonus question is transferred to the next question or the next until a toss-up question is correctly answered. The team receiving the bonus question will have ten seconds to discuss the answer with team members. The moderator will call on the team captain to respond. The captain may designate another member of the team to answer. All parts of the bonus question must be answered correctly to receive bonus points. Correct response: + 3 points. Incorrect response or no answer or partial answer – no points lost.

D. Team Participation Bonus Points

To encourage full team participation 2 bonus points will be awarded to the teams that have each team member correctly answer a one-on-one and/or toss-up question. After earning this team bonus, the team can earn an additional 2 points by repeating the process.

E. Incorrectly-Answered Questions

Due to time constraints, if a team answers a question incorrectly or incompletely, the question WILL NOT be offered to the other team to answer. The moderator, if necessary will reread the question in its entirety and give the correct answer.

F. Tie-Breaker

If both teams are tied at the end of the match, the moderator will read 3 additional toss-up questions. If a tie still remains after the overtime, additional questions will be asked one at a time until the tie is broken.

G. Timeouts

Only team captains, coaches, moderator, or contest officials may call "timeout" for clarification of a rule or procedure. These timeouts may be called only after a question has been answered and before the start of the next question.

H. Timing

During individual questions, youth will have 5 seconds to buzz in after the moderator has finished reading the question. After buzzing in, the youth will have 5 seconds to answer.

During bonus questions, the team will have 10 seconds to buzz in after the moderator has finished reading the question. After buzzing in, the team will have 5 seconds to answer.

On a team question, the team will have 10 seconds to answer after the moderator has finished reading the question.

III. Protests of Questions and/or Answer

- A. A protest of question or answer may be made by only the team captain or coach and then only at the time the particular question or answer is given. The moderator and judges will consider the protest and their decision is final. Protests shall only be taken from approved sources.
- B. If a protest is sustained, the moderator will take one of the following actions as deemed appropriate.
  1. A question is protested before an answer is given and the protest sustained: discard the question. No loss or gain of points for either team. Substitute question will be used.
  2. An answer is protested (either correct or incorrect): the judges and moderator rule on the validity of the protest and points will be added or subtracted as appropriate.
  3. A question is protested after an answer is given, incorrect or correct: the moderator and judges rule on the validity of the protest. The question may then be discarded, or the question may be allowed with the appropriate loss or gain of points.
- C. Protest upheld: no penalty point. Not upheld: -1 team point. Abuse of protest provision may result in the dismissal of team captain or entire team.
- D. Parents and spectators may not protest any questions, answer, or procedure during the course of play. They may submit in writing to the contest officials any suggestions or complaints at the conclusion of the contest. Inappropriate behavior, unsportsmanlike conduct, or actions which are detrimental to the contest may result in dismissal from the contest area.

#### IV. Contest Behavior

- A. During match play contestants should maintain a friendly, professional attitude. Failure to do so may result in dismissal from the contest.
- B. When contestants are not in match play, they will stay in the isolation room. The monitors have complete charge of the isolation room and have the authority to dismiss a contestant.
  - 1. Written study materials will be allowed in the isolation room.
  - 2. Because all teams will be asked the same questions in each round of play, there will be NO discussing of questions and answers allowed in the isolation room.
  - 3. There will be no use of cell phones, tobacco products, or offensive language.

#### V. Awards

- A. Team awards will be given to the first and second place teams.
- B. Individual Awards
  - 1. Individual awards will be given to the first, second, and third high-point individuals.
  - 2. Scores will be kept for each individual contestant.
  - 3. Only those contestants who have participated in 3 or more matches will be considered for individual awards.
    - a. The high 3 match scores for each individual will be used in cases where they participated in more than 3 rounds.
    - b. Ties for individual awards will be broken on the basis of: first, high average score for the whole contest; secondly, highest individual round scores; and thirdly; total number of points earned in the contest.



**ENTRY: PRE ENTRY REQUIRED**

**DEADLINE: JANUARY 10, 2020**

**Send entry to: Pennington County 4-H  
601 E Centre St.  
Rapid City, SD 57701  
Regina.bakley@sdstate.edu**

COACH'S NAME \_\_\_\_\_

ADDRESS \_\_\_\_\_

EMAIL ADDRESS \_\_\_\_\_

CLUB OR CHAPTER \_\_\_\_\_

COUNTY \_\_\_\_\_ PHONE: \_\_\_\_\_

Please read and sign the following statement:

I agree to follow the rules of the contest as set forth by the Chairman and to accept the decision of the judges as final. I also understand that SDSU Extension, Black Hills Stock Show®, and Central States Fairgrounds, Inc. will not be responsible for any injuries during the contest.

\_\_\_\_\_  
Coach's Signature

**TEAM "ONE" MEMBERS:**

TEAM NAME: \_\_\_\_\_

MEMBERS 1. \_\_\_\_\_ AGE \_\_\_\_\_  
2. \_\_\_\_\_ AGE \_\_\_\_\_  
3. \_\_\_\_\_ AGE \_\_\_\_\_  
4. \_\_\_\_\_ AGE \_\_\_\_\_  
Alternate \_\_\_\_\_

**TEAM "TWO" MEMBERS:**

TEAM NAME: \_\_\_\_\_

MEMBERS 1. \_\_\_\_\_ AGE \_\_\_\_\_  
2. \_\_\_\_\_ AGE \_\_\_\_\_  
3. \_\_\_\_\_ AGE \_\_\_\_\_  
4. \_\_\_\_\_ AGE \_\_\_\_\_  
Alternate \_\_\_\_\_

Coach/Advisor \_\_\_\_\_ Phone \_\_\_\_\_  
Alternate \_\_\_\_\_

Note: Please make sure contestants' names are listed in the order that they will be seated the day of the contest.



Livestockology is an activity that can make learning fun for 4-H members by letting them exhibit their knowledge and understanding of livestock (beef, sheep, swine, and goat) science and husbandry in a friendly but competitive setting. The contest has four different phases: 1. Written Test, 2. Station Identification, 3. Judging, 4. Team Problem. Check in at 12:00 pm at the Central States Fairgrounds (Creative Arts Building). The contest starts at 1:00pm.

- **ENTRIES DUE ON OR BEFORE JANUARY 10, 2020.**
- **Send entry to: Pennington County 4-H 601 E Centre St. Rapid City SD 57701**
- **Questions call Caroline Hansen, 605-995-8620**

This is a team event. There is no limit on the number of teams that counties may enter for **both age divisions**. A team consists of 3 or 4 members. Juniors may compete on Senior teams, but Seniors may not be on Junior teams. If a county cannot field a team, they may combine with their neighboring county to make up a team.

## THE CONTEST

1. Written Test - Multiple choice, true/false, or fill in the blank-type questions. Everyone will take the test individually. Your score is part of the team score.

### **Goat:**

- "Just Browsing" (Meat Goat Level 1)
- "Growing with Meat Goats" (Meat Goat Level 2)
- "Meating the Future" (Meat Goat Level 3)

### **Beef:**

- "Bite into Beef" (Beef Level 1)
- "Here's the Beef" (Beef Level 2)
- "Leading the Charge" (Beef Level 3)

### **Sheep:**

- "Rams, Lambs, & You" (Sheep Level 1)
- "Shear Delight" (Sheep Level 2)
- "Leading the Flock" (Sheep Level 3)

### **Swine:**

- "The Incredible Pig" (Swine Level 1)
- "Putting the Oink in Pig" (Swine Level 2)
- "Going Whole Hog" (Swine Level 3)

All these are available for purchase at <https://shop4-h.org/collections/animal-agricultural-science-curriculum> or are available at your local extension office!

2. Station Identification: Examples of stations which may be used include: parts of beef, sheep and swine, ID of grains and forages, anatomy, equipment, conformation faults. Everyone will take the station identification individually. Your score is part of the team score.

Supplemental Study Material – Website: Study material can be viewed or printed

- <https://www.coffey.k-state.edu/crops-livestock/livestock/Feeding%20Yours%20Cow%20by%20Body%20Condition.pdf>
- [https://www.nrcs.usda.gov/Internet/FSE\\_DOCUMENTS/nrcs144p2\\_054048.pdf](https://www.nrcs.usda.gov/Internet/FSE_DOCUMENTS/nrcs144p2_054048.pdf)
- <http://animalscience.tamu.edu/wp-content/uploads/sites/14/2012/04/nutrition-cows-digestive-system.pdf>
- <http://animalscience.tamu.edu/wp-content/uploads/sites/14/2012/04/beef-factors-and-feed.pdf>

- <https://animalscience.tamu.edu/sheep-skillathon/>
- <https://www.slideshare.net/schoenian/wool-judging>
- <https://fyi.extension.wisc.edu/youthlivestock/>

Resource handbook reference: Grasslands Plants of South Dakota and the Northern Plains: author James R. Johnson & Gary E. Larson (revised August 2007 edition)

\*\*\* Note: Not all station topics will come from the supplemental study material

3. Judging: Contestants will be required to place 3 designated classes from the Livestock Judging contest: one each beef, sheep, and swine. No reasons are given. To score in this phase of the contest, youth are encouraged to participate in the Livestock Judging contest held in the morning. If unable to judge in the Livestock Judging contest, Livestockology contestants can meet in the Fine Arts Building at 10:30am and judge the required classes.
4. Team Problems: All teams will be presented with the same problems within age divisions. Each team will have equal time to discuss among themselves a solution/answer. Then the team will be given time to present an oral solution/answer to the problem. Evaluation will be based on the understanding of the problem, completeness of the response, the probability of success of the solution, and participation by each team member. Examples of team problems: balancing a ration, vaccination program, A.I. breeding techniques, general herd health, pasture management, or considerations for the establishment of a new operation.



**ENTRY: PRE ENTRY REQUIRED**

**DEADLINE: JANUARY 10, 2020**

**Send entry to: Pennington County 4-H  
601 E Centre St  
Rapid City, SD 57701**

**Entries can also be e-mailed to: [regina.bakley@sdstate.edu](mailto:regina.bakley@sdstate.edu)**

**Senior Team** from \_\_\_\_\_ County

MEMBERS 1. \_\_\_\_\_ AGE \_\_\_\_\_  
2. \_\_\_\_\_ AGE \_\_\_\_\_  
3. \_\_\_\_\_ AGE \_\_\_\_\_  
4. \_\_\_\_\_ AGE \_\_\_\_\_

Coach/Advisor \_\_\_\_\_ Phone \_\_\_\_\_

Address \_\_\_\_\_ Email Address \_\_\_\_\_

**Junior Team** from \_\_\_\_\_ County

MEMBERS 1. \_\_\_\_\_ AGE \_\_\_\_\_  
2. \_\_\_\_\_ AGE \_\_\_\_\_  
3. \_\_\_\_\_ AGE \_\_\_\_\_  
4. \_\_\_\_\_ AGE \_\_\_\_\_

**Please choose one of the following options:**

\_\_\_\_\_ The team members will be participating in the full Livestock Judging contest.

\_\_\_\_\_ The team members will **NOT** be participating in the full Livestock Judging contest and will only judge the three required classes for the Livestockology Contest at 10:30.

Coach/Advisor \_\_\_\_\_ Phone \_\_\_\_\_

Address \_\_\_\_\_ Email Address \_\_\_\_\_

AGE: 4-H age as of 1/1/2020; Junior 13 and under, Seniors 14 and over





## Livestock Judging Contest:

Pre-registration for Livestock Judging contest is required. Check-in on February 1 will be at the Fine Arts Building, Central States Fairgrounds Starting at 7:30am. The contest will start immediately following the contestant meeting. Classes will come from beef, sheep, goat, or swine. Oral reasons will be given on one class by Juniors and two classes by Seniors; all contestants will have one class of check-type reasons. Oral reasons will be used as a tie- breaker.

### Contest Co-Chairs:

#### John Keimig

SDSU Extension Youth Safety Field  
Specialist  
john.keimig@sdstate.edu  
Phone (605) 688-5575

#### Amanda Stade

SDSU Extension State 4-H Events  
Management Coordinator  
amanda.stade@sdstate.edu  
Phone (605) 688-4167

**Contest Divisions:** Youth will participate in divisions according to 4-H age.

Beginners: Age 8, 9, or 10 on January 1, 2020

Juniors: Age 11, 12, or 13 on January 1, 2020

Seniors: Age 14, 15, 16, 17, or 18 on January 1, 2020

Each age division will have the following number of classes.

### **Senior Division**

6 - Classes

Will consist of beef, sheep, swine, or goat. (market and breeding)

1 set of Check-type reasons – questions regarding the class.

2 sets of Oral Reasons – NO NOTES will be used by contestants.

### **Junior Division**

6 - Classes

Will consist of beef, sheep, swine, or goat. (market and breeding)

1 set of Check-type reasons – questions regarding the class.

1 set of Oral Reasons – Notes can be used but preference given to those that do not use notes.

### **Beginner Division**

6 - Classes

Will consist of beef, sheep, swine, or goat. (market and breeding)

1 set of Check-type reasons – questions regarding the class

### **Awards and Results**

The top member in each age division will receive a prize. The top 10 contestants in each age division will be recognized with a certificate.

Each member of the top team in each age division will receive a prize. The top three teams in each age division will be recognized with a certificate.

Results will be posted in the Fine Arts Building after the recognition of the top contestants and teams.

## Contest Method Of Conduct

1. Contestants, parents, and coaches are to avoid the contest area the morning prior to contest if not involved in the operation of the contest.
2. It is the responsibility of the 4-H Program Advisor or Coaches to verify the individuals on teams are accurate during contest registration.
3. **All electronic devices (cell phones, pagers, PDA's, calculators, etc.) are prohibited.** Contestants are advised to remove these devices prior to the start of the contest. If a competing contestant's phone should ring, or if they are discovered using such electronic devices during the contest, the contestant will be disqualified.
4. Contestants will be divided into groups for the contest and will remain with their assigned group throughout the contest.
5. While the contest is in progress, there is no conferring between contestants or between a contestant and anyone else except as directed by the Superintendent or his/her representative. Offending contestants may be disqualified.
6. Two minutes will be allowed to give oral reasons for those classes indicated as oral reason classes. Contestants will not give oral reasons to their local 4-H Program Advisor or coach if at all possible when the county coach is one of the reasons officials.
7. Contestants will be allowed 12-15 minutes per class to make their observations, take notes, and fill-out their placing card.
8. Breeding and market cattle will NOT be handled. All judging of non-reasons cattle classes will be done from a distance of 10-15 feet. Close inspections may be allowed. This will be determined after selection of classes.
9. Handling of market lambs may or may not be allowed. If allowed, when handling market lambs and goats, contestants will stand in line and will be given 15 seconds to handle each lamb individually. Lambs may not be re-handled at any time.
10. The officials placing and class critique will be given following the oral reasons and judging if time is permitted.
11. Official results will be tabulated and reviewed by an assigned committee prior to posting of the results.
12. All advisors, coaches, volunteers, and contestants must conduct themselves in a courteous, respectful manner, use appropriate language, exhibit good sportsmanship, and act as a positive role model.
13. Youth participating in the Livestock Judging contest will be required to:
  - a. Respect other's property and privacy rights;
  - b. Apply rules of safety to individuals, groups, and property
  - c. Accept personal responsibility for behavior.
  - d. Illegal behaviors including the possession or use of alcohol or illegal drugs and tobacco products, stolen goods, weapons and fireworks, and sexual, physical or verbal abuse will not be tolerated.
14. Teams MUST be registered by January 10, 2020. Changes to teams will be permitted until January 23, 2020. All changes must be emailed to John Keimig, [john.keimig@sdstate.edu](mailto:john.keimig@sdstate.edu). Any changes after that date will be up to the discretion of the contest chairs and must be made before the start of the contest. The top 3 scores of the team members will be used.



**ENTRY: PRE-ENTRY REQUIRED**

**DEADLINE: JANUARY 10, 2020**

**Entry sent to: John Keimig  
Berg Agricultural Hall 128, Box 2207E  
South Dakota State University  
Brookings, SD 57007-2097  
Or By Email: [john.keimig@sdstate.edu](mailto:john.keimig@sdstate.edu)**

\*To Register more than two teams, attach additional sheets as needed

COACH'S NAME –or – INDIVIDUAL \_\_\_\_\_

INDIVIDUAL AGE DIVISION:      Beginner                  Junior                  Senior

ADDRESS \_\_\_\_\_

CITY, STATE, ZIP \_\_\_\_\_

EMAIL ADDRESS \_\_\_\_\_

CLUB OR CHAPTER \_\_\_\_\_

COUNTY \_\_\_\_\_ PHONE \_\_\_\_\_

**Please read and sign the following statement:**

I agree to follow the rules of the contest as set forth by the Chairman and to accept the decision of the judges as final. I also understand that SDSU Extension and Central States Fairgrounds, Inc. will not be responsible for any injuries during the contest.

\_\_\_\_\_ Coach's/Individual's Signature

**TEAM "ONE" MEMBERS:**      Beginner                  Junior                  Senior

MEMBERS 1. \_\_\_\_\_ AGE \_\_\_\_\_

2. \_\_\_\_\_ AGE \_\_\_\_\_

3. \_\_\_\_\_ AGE \_\_\_\_\_

4. \_\_\_\_\_ AGE \_\_\_\_\_

**TEAM "TWO" MEMBERS:**      Beginner                  Junior                  Senior

MEMBERS 1. \_\_\_\_\_ AGE \_\_\_\_\_

2. \_\_\_\_\_ AGE \_\_\_\_\_

3. \_\_\_\_\_ AGE \_\_\_\_\_

4. \_\_\_\_\_ AGE \_\_\_\_\_