

2022

## SHOOTING SPORTS

To participate in these competitions, a 4-H member MUST be enrolled in the Buffalo County 4-H program for the current year, and enrolled in shooting sport project. Independent 4-H members must be coached by an active 4-H Shooting Sports Coach certified in that project.

There will be no range time at the Fair contests to zero sights or practice. Sighters are allowed per the rule book for the match. The 4-H members sponsoring Coach must submit entry forms for each individual at least 7 days before the date of the shoot to allow for administrative time. (lane and relay assignment, verify eligibility, etc) Coaches will need to certify that the competitor has trained adequately in the course of fire and with their equipment to safely compete. Coaches will receive the lane and relay assignments before the contest. Entry forms must be signed by the certified shooting sports coach. Contestants must be supervised by their certified coaches at the match in order for them to compete. Youth who are certified 4-H Shooting Sports program as Junior instructors may coach competitors in their 4-H club In the project they are certified. Junior instructors must check in with the Range officials for official identification. Shooters must check in their equipment at least 30 minutes before their assigned relay.

The use of electronic measuring equipment, laser range finders, range finding binoculars, cell phone apps etc, during the 3D archery competition is prohibited. Also if someone is caught using range finding equipment it could result in disqualification for that event.

## DRESS CODE

Competitors are required to wear proper 4-H attire while on the shooting ranges. Your Buffalo County 4-H T-Shirt or 4-H club T-Shirt is preferred. A 4-H armband or chevron can be worn as well. Clothing must not have any holes or tears. For safety all shooters must wear appropriate footwear and apparel on the ranges. Footwear is not permitted to cover the ankle in the Rifle and pistol projects. Shoes that cover the ankle can be worn during .22 rifle silhouette competition. All foot wear must have a closed toe and heel. NO shorts are permitted, except in specific disciplines like Archery where they are specifically allowed. If the competitor prefers a long sleeve shirt, it may be worn under the T-shirt. Weather conditions during the competition may dictate changes to the dress code at the match director's discretion.

## SAFETY

Members need to provide their firearm or bow for competition. It must be pre-approved by leaders to insure it meets standard requirements, is safe, and in proper working condition. All firearms with exposed hammers must have a functional transfer bar. Muzzle Loaders are exempt from this clause. Firearms must arrive and depart the range cased and unloaded. Any firearm found to be loaded at any time other than on the firing line is grounds for immediate disqualification.

Shooters are responsible for and must wear hearing protection for .22 Rifle, pistol, Shotgun/Trap and muzzle loading practice and competition. Eye protection must be worn for all shooting practices and events. Archery does not have an eye protection requirement. All ammunition must be kept separate from the gun until the 4-H member is on the firing line.

Clear barrel indicators are required. Clear Barrel Indicators, CBI's are synthetic monofilament cords (trimmer string) or commercially manufactured devices to indicate the firearm is not loaded. CBI's must be inserted in all firearms to the range or removed from it's case. CBI's may only be removed during preparation periods, change over periods and firing times.

Any shots fired off the target will be scored as a miss.

**UNSAFE HANDLING OR HORSEPLAY WILL BE IMMEDIATE GROUNDS FOR DISQUALIFICATION.**

To compete in:

- Archery – Open to all youth age 8 and older by January 1 of the current calendar year and pre-approved by the leaders to have consistently demonstrated that they are physically capable to properly and safely handle the equipment and are willing to comply with safety rules.  
**Dress Code:** Competitors are required to wear the proper 4-H attire. A Buffalo County 4-H t-shirt or 4-H club t-shirt is preferred. A 4-H armband or chevron can be worn as well. Clothing must not have any holes or tears. For safety shoes worn during competition must have a closed toe and heel. Shoes that cover the ankle are also permitted. Shorts are permitted during archery if the weather allows.

**Divisions:**

*Barebow* – Compound, Recurve, Longbow, or Genesis, must be shot with fingers, no sights or stabilizers allowed. Finger tabs or gloves are permitted.

*Freestyle* – Any bow, can be shot with fingers, mechanical release, sights and stabilizers.

**Age Divisions:**

Junior ages 8 to 11 years old, Intermediate ages 12 to 14 years old, Senior ages 15 to 18 years old.

- Indoor Archery – Indoor competition will consist of 40 arrows shot in 8 ends of five arrows each. Distances are: Junior 10 yards, Intermediate and Senior 20 yards. Archers have 4 minutes to shoot their 5 arrows. Scoring will be X, 5, 4, 3, 2, 1, from the center out. X's will serve as tie breakers. Lines touched will count as the higher score. A perfect score for the tournament is 200 points with 40 X's. No one is allowed to touch the arrows until they are scored. Witnessed bounce outs or arrows passing through the target will be reshot at the end of the tournament. Arrows that travel past the shooting line will count as a shot arrow. An arrow that does not cross the shooting line (dropped arrow, falls off string, etc.) can be shot with a sixth arrow. If an archer shoots too many arrows they will be penalized by pulling and not scoring their highest arrow, plus they will be penalized one point for every extra arrow they shoot. Any arrow shot into another archers target will receive no score but count as a shot arrow. At the completion of the match the scorekeepers will compare score cards and verify the numbers match before the cards are signed and returned to the shooters to sign and turn in to the tournament director. Once the competition starts, no equipment is allowed to be altered. If altered, the shooter will be disqualified from the competition. In the event of an equipment failure, the shooter has 15 minutes to make repairs.
- Outdoor Archery – Outdoor competition will consist of 60 arrows shot in 4 ends of five arrows each at three different distances. Distances are: Junior 10, 15, 20 yards, Intermediate 20, 25, 30 yards, Senior 30, 35, 40 yards. Scoring will be X, 10, 9, 8, 7, 6, 5, 4, 3, 2, 1, from the center out. X's will serve as tie breakers. Lines touched will count as the higher score. A perfect score for the tournament will be 600 points and 60 X's. There is no written test before, during or after the competition. No one is allowed to touch the arrows until they have been scored. Witnessed bounce outs or arrows that pass through the target will be reshot at the end of the tournament. Arrows that travel past the shooting line will count as shot arrows and receive no score. An arrow that does not cross the shooting line (dropped, falls off string, etc.) can be shot with a sixth arrow. An Arrow shot into the next archers target will receive no score but count as an arrow shot. If an archer shoots too many arrows they will be penalized by pulling and not scoring their highest arrow. At the completion of the match the scorekeepers will compare score cards and verify the numbers match before the cards are signed and returned to the shooters to sign and turn in to the tournament director. Once the competition starts, no equipment is allowed to be altered. If altered, the shooter will be disqualified from the competition. In the event of an equipment failure, the shooter has 15 minutes to make repairs.
- Archery 3D – archery 3D competition will consist of ten targets at varying distances. Two arrows will be shot at each target. The competitor will judge the distance before shooting without any means of measuring devices (range finders, measuring tapes, cameras etc.). The target scores will be 10 points for the bullseye, 5 points for any other part of the target rings and 1 point for any other part of the target. A perfect score for the tournament will be 200 points. No one is allowed to touch the arrows until they have been scored. Witnessed bounce outs or arrows that pass through the target will be reshot at the end of the tournament. Arrows that travel past the shooting line will count as shot arrows and receive no score. An arrow that does not cross the shooting line (dropped, falls off string, etc.) can be shot with a third arrow. If an archer shoots too many arrows they will be penalized by pulling and not scoring their highest arrow. At the completion of the match the scorekeepers will compare score cards and verify the numbers match before the cards are signed and returned to the shooters to sign and turn in to the tournament director. Once the competition starts, no equipment is allowed to be altered. If altered, the shooter will be disqualified from the competition. In the event of an equipment failure, the shooter has 15 minutes to make repairs.

- **BB Gun** – The match will follow the current NRA 5-meter BB gun rules only the Daisy 499 series bb gun maybe used in this competition. Ten shots will be fired from 5 meters in each of the following positions: Prone, Sitting, Kneeling, Standing. BB Gun is open to all youth 8-15 by January 1 of the current calendar year. 8-9 year old first year shooters may choose to shoot either kneeling or standing, depending on how much standing practice they have had and their wishes. For 8-9 year old first year shooters only, they receive a 10 point bonus for shooting the Standing target. 10 year olds and above second year shooters shoot the full 40 shot match. Each competitor will be allowed 10 minutes for record shots and sighters per target. All 4 targets will be given to the competitor at the beginning of the match and they are responsible for posting them. Shooters must provide their own equipment. Targets are to be scored by the Orion Target Scoring system, and the Orion Version of the NRA 10 bull BB Gun target will be used. Competitors will shoot one shot at each of the 10 bulls. An adult (coach/leader/parent) is required to supervise each shooter during the match. Shooters must have their active 4-H certified coach present during the match. A written test, based on the BB gun rulebook and Daisy's 10 lesson guide, over the fundamentals of safety and 4-H information will be given. It is worth 50 points and will be added to the competitors score. Divisions 8 year olds, 9 -10 year olds, 11-12 year olds, 13-15 year olds
- **Sporter Air Rifle** –Is open to all youth 8-15 by January 1 of the current calendar year. The match will follow the Sporter Air Rifle National Standard 3 position Air Rifle rules. 4-H members by age 12 or older by January 1 of the current calendar year, or be pre-approved to have consistently demonstrated to the leaders that they are physically capable to properly and safely handle the firearm and are willing to comply with safety rules. 10 shots will be fired for 10 meters (33 feet) in each of the prone, kneeling and standing positions (total of 30 shots). Competitors are allowed 15 minutes Prone and Kneeling, and 20 minutes for the Standing position. No sighters are allowed after the first record shot is taken in each position. The additional sighter shots will be scored as misses. Competitors must provide their own equipment. Rifle are to be Sporter Grade match target rifles as defined in the National Standard three-position air rifle rules. Pellets must be .177 caliber lead only. NO BB'S. Shooters must have their active 4-H certified coach present during the match. Divisions - 8-11 Juniors, 12-15 Seniors
- **Air Pistol** – The Air Pistol match will follow International Pistol rules. Eligible 4-H members must be at least 12 years old by January 1 of the current calendar year or be pre-approved to have consistently demonstrated to the leaders that they are physically capable to properly and safely handle the firearm and are willing to comply with safety rules. NRA B40 targets will be shot standing at 10 meters (33 feet) on 4, 10 shot targets for 40 shots. 4-H members must provide their own equipment and pellets. Air Pistol ammunition must be lead .177 diameter pellets. NO BB'S. While the air pistol may be capable of loading multiple pellets, it must be loaded one pellet at a time and shot single shot for the match. Shooters must have their active 4-H certified coach present during the match. The divisions are 12-14 Juniors, 15-18 Seniors. A novice pistol division, 9-11 allowing shooting from a bench.
- **22 Small-bore Rifle:** The match will follow the current NRA small-bore rifle 3 position rule book. Eligible 4-H members must be 9 years old or older by January 1 of the current calendar year and be pre-approved to have consistently demonstrated to the leaders that they are physically capable to properly and safely handle the firearm and are willing to comply with safety rules
  - **22 Small –bore Rifle: Silhouette - Classes:** Total of 6 Classes. Classes divided into 3 groups by age. Age is determined as of Jan 1 of the current calendar year. Novice: Ages 9-11, Junior: Ages 12-14, Senior: Ages 15-18. Classes will be divided again by open sites and scoped rifles. For open site, only peep and blade and post sites will be allowed. Targets will be ½ scale metallic silhouettes. All shooting in banks of 5 targets, shooting left to right. Novice will shoot from a bench. Junior and Seniors will do all shooting from a standing position with no aids. Course of fire: 10 chickens at 40 yards, 10 pigs at 60 yards, 10 turkeys at 77 yards, 10 rams at 100 yards. 20 records shots. Only .22 long rifle ammunition can be used. All firearms must arrive at the range in a case in have a Clear Bore Indicator at all times when not a the line shooting.
  - **22 Small-bore Rifle: 4 Positon - Firearms** are provided by the program. Targets will be shot in four positions (prone, sitting, kneeling and off-hand) at 50 feet. The course of fire is 10 shots prone, 10 shots sitting, 10 shots kneeling, and 10 shots standing (total of 40 shots). Only .22 long rifle ammunition can be used. Only metallic peep sights may be used. Trigger guards must be present. In event of accidental discharge the trigger shall be adjusted or the gun replaced. The stock must be traditionally styled from conventional configurations such as factory rifle stocks. Classes divided into

3 groups by age. Age is determined as of Jan 1 of the current calendar year. Novice: Ages 9-11, Junior: Ages 12-14, Senior: Ages 15-18.

- 22 Small-bore Pistol – The match will follow a modified Camp Perry Match program, as defined by the Nebraska State 4-H Shooting Sports office NRA rimfire pistol rule book. Eligible 4-H members must be age 12 years old or older by January 1 of the current calendar year and be pre-approved to have consistently demonstrated to the leaders that they are physically capable to properly and safely handle the firearm and are willing to comply with safety rules. The key modification to the course of fire is it is shot at 50 feet, not 25 yards. Shooters in .22 pistol must supply their own firearm and ammunition for competition. No magnum or hyper velocity ammunition is permitted. The firearm must be pre-approved by leaders to ensure that it meets standard requirements, is safe, and in proper working condition. Iron sights are required. Miss fires and jams are not reshot. Equipment malfunctions are not reshot. Shooters must have their active 4-H certified coach present during the match. Novice 9-11, allowed to shoot from the bench. Divisions: Juniors, 12 to 14 years old standing, using both hands; Seniors, 15 to 18 year olds standing using one hand.
- Shotgun/Trap – The match follows ATA rules for Trap. 4-H members must be age 9 and older by January 1 of the current calendar year and be pre-approved to have consistently demonstrated to the leaders that they are physically capable to properly and safely handle the firearm and are willing to comply with safety rules. Shooters must provide the firearm and ammunition used in the shoot. Divisions: The course of fire for 9-13 year old 4-H members is 25 shots at 16 yards; 14 & 15 year old 4-H members is 50 shots at 16 yards; 16 year old and older 4-H members is 25 shots at 16 yards and 25 shots at 20 yards.
- Muzzleloader – 4-H members must be age 9 and older by January 1 of the current year. Youth must have consistently demonstrated that they are physically capable of properly and safely handling the firearms. Youth must be willing to comply with all safety rules. Muzzle loading rifles must have a marked ramrod in the barrel except while loading or firing. Loading will take place at the firing line. No Wooden Ramrods and no direct loading from bulk containers, can, bottles, powder horns etc. is permitted. Charges shall be transferred from horn or flask to the muzzle using a powder measure or similar device. Capping or charging will take place on the firing line. Upon a cease fire, any muzzleloading rifle shooter with a loaded rifle shall keep the rifle pointed down range and raise a hand to signal the he/she has a loaded firearm. The range officer shall issue a command, “Dump it in the hill” and the shooter shall fire into the berm to clear the rifle. Except while actually measuring a powder charge, no powder container shall be left open. Any open container will be confiscated by range staff. **Equipment:** Rifle-Any traditional or non-traditional NMLRA Conventional muzzleloading rifle (in-line permitted), Sights-Metallic – non-traditional permitted (open or aperture), Position-Standing – no slings, Ignition. Percussion cap or flintlock. Number 209 primers are permitted. Maximum charge of 60 grains of black powder or it’s equivalent is allowable. There are no limits on caliber. All events are restricted to patched round balls only. Spotting Scopes are permitted. **Classes:** Divided into 3 age groups. Age is determined as of Jan 1 of current calendar year. Novice 9-11, Junior: Ages 12-14, Senior: Ages 15-18 **Courses of Fire:** 25 Yard Novelty, NMLRA Bottle Targets, Distance: 25 Yards 1 Bottle Target, Course of fire: 5 shots at target standing, Scoring: As outlined on the target. Completely within the neck: 10 pts, Nicking the neck: 7 pts, Within the body: 5 pts, Nicking the body: 3 pts. 50 Yard Bullseye, NMLRA 100 Yard 8 Ring Target, Distance: 50 Yards, Course of Fire: 4 Shots at Target, Scoring: Highest scoring area touched by ball. **Placing at Event:** Total score of all targets will determine placing. Actual numbers required for each ribbon placing will be decided at event.

Members may use personal single shot firearms for the BB Gun, Air Rifle, Air Pistol and Smallbore .22 Rifle at the practices and the fair shoot but the firearm must be pre-approved by leaders to make sure that it meets standard requirements, is safe, and in proper working condition.

Shooters are responsible for and must wear ear protection for .22 Rifle and Shotgun/Trap shooting practices and competition. Eye protection must be worn for all shooting practices and events.

All ammunition must be kept separate from the gun.

#### **SHOOTING SPORTS EXHIBITS**

**Purple, \$3.00; Blue, \$2.00; Red, \$1.50; White, \$1.00 (These premiums will be paid to the 4-H members.)**

No firearms may be exhibited nor live ammunition. ALL SHARP ITEMS (i.e. knives, broad heads, etc.) must be enclosed in a Plexiglas display case. Display cases must be 12” W x 18” L x 4” D and displayed so judges can open them to examine items. Items must be secured in the case. These items are not allowed at the state fair. State Fair will not allow exhibiting weapons (knives, tomahawks, etc.). If your item is selected for State Fair, you can submit a photo or video of your exhibit and the judge would do their best to judge it accordingly.

All shooting sports projects must have a 5"x8" card securely attached describing: The project and how it applies to shooting sports; Experience gained in making the project; How the project will be used. The information should be neatly handwritten or typed on one side of the card.

All exhibits should be self-explanatory and educational to the viewers. No dimension restrictions for county only exhibits.

The 4-H members name and county must be on the back of each exhibit if the entry card becomes lost.

Exhibits that are dangerous or improperly prepared will be refused at entry into the Buffalo County Fair.

\*D347001 Shooting Aid or Accessory – Any item which helps the shooter/hunter better perform their sport, examples: rifle sling, kneeling roll, arm guard, shotgun vest, target boxes, shooting stick, etc. Include your design, or plans you adapted, what the item is and used for.

\*D347002 Storage Case – an item with the purpose to safely hold a firearm, bow, ammunition, and/or arrows, examples: soft sided shotgun case, quivers, firearm safe, include your design, or plans you adapted. Explain how the storage case is used.

\*D347003 Practice Game or Activity – invent or adapt an activity to practice or teach a project skill. Include pictures of youth playing the game, testimonials for 4-H members who played the game, what skill is being worked on, and directions for the game. Explain how you came up with the game or adapted it to fit the needs of your group members.

\*D347004 Science, Engineering, Technology Advancements of Shooting Sports, Conservation, or Wildlife Essay or Display – Choose a specific area of shooting sports and share how it has advanced, include a timeline and photos or illustrations. Keep your topic narrow and manageable. Essays are limited to 1000 words and should be on 8 ½ x 11 paper.

\*D347005 Healthy Lifestyles Plan – Include a shooter's diet and exercise plan, and how the 4-H member will benefit or improve from following the plan. Ideally, the 4-H member would follow the plan and include some journal entries about adaptations or improvements made while following the plan.

\*D347006 Citizenship/Leadership Project – Share a display on a citizenship project or leadership project the 4-H member took on individually or with a group to improve some aspect related to 4-H Shooting Sports, Conservation, or Wildlife. Examples could be range development, conservation planting to attract wildlife, a camp, or 4-H recruitment event. Include who benefitted from the project, what the 4-H member's role was, and any results.

\*D347007 Career Development/College Essay, Interview or Display – Research opportunities for careers related to this area or opportunities for college majors or college activities to help discover using project skills beyond a person's 4-H career. Essays are limited to 1000 words and should be on 8 ½ x 11 paper. Interviews need to include a picture of the interviewee in their work setting, questions asked, and a transcript of answers.

\*D347008 Community Vitality Display – Explore the difference shooting sports, conservation, fishing and hunting make in keeping Nebraska vibrant especially in rural areas. Present facts and research in an interesting way for the public to learn from.

\*D347009 Ag Literacy-Value Added Agriculture Interview or Research Project – Explore how traditional ag producers are adding value to their production agriculture operations through conservation efforts, hunting, raising pheasants, shooting sports related tourism, etc... Present finding in an interesting way for the public to learn from.