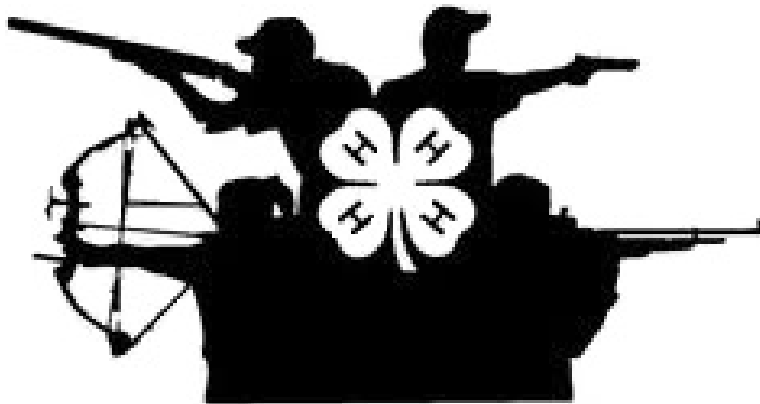


WYOMING STATE 4-H SHOOTING SPORTS

STATE SHOOT 2024 RULES AND REGULATIONS



4-H STATE SHOOT MAJOR SPONSORS



CONTENTS

| | |
|--|----|
| Notable Changes | 2 |
| Safety & Event Rules..... | 3 |
| Teams & Sight-in for Air and Small Bore Rifle..... | 4 |
| Air Rifle Discipline..... | 5 |
| Small Bore Rifle Discipline | 9 |
| Air Pistol Discipline..... | 13 |
| Small Bore Pistol Discipline..... | 14 |
| Archery Discipline | 16 |
| Shotgun Discipline..... | 19 |
| Muzzleloader Discipline | 21 |
| Outdoor Skills | 23 |
| Award Trip Information..... | 24 |
| | |
| Addendum 1.1– Equipment list | 25 |

Following is information for the 2024 Wyoming 4-H Shooting Sports State Shoot. This packet can also be downloaded from the State 4-H website. Registration for the 2024 State Shoot will be done electronically and will be sent to County Extension offices in May. The State Shoot will once again be held in Douglas, Wyoming beginning on Thursday, July 11th and ending Sunday, July 14th.

The notable changes made at the Shooting Sports Development Committee Meeting February 2024:

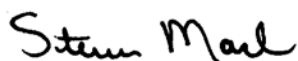
- A description of the rifle positions has been added to the air and small bore rifle information. These descriptions have pictures and will be used to determine legal shooting positions.
- Rifle position substitution has been added to Page 3 and also both Air and Small Rifle rules. **The standing position may be a substitute for any other position in both rifle competitions.**
- The 25 yards, (FDL) fer-du-lac target in muzzleloading has been replaced by Bottle Target (BG 2427)
- Each county will need to provide a 4-H leader to the muzzle loading range during your county shooting times. The county leader will be asked to cap their county's shooters.
- The Outdoor skills competition components have been altered and are listed on page 23.
- Arm guards are no longer mandatory but rather recommended for junior archery shooters.
- Small bore silhouette fun shoot has been added to the small bore shoot in 2024.
- No hammer shotguns are allowed in the shotgun competition.

Reminders

- All firearms need to be in a case when not on the firing line. One firearm per case is ideal.
- Firearms are not to be discharged anywhere on the fairgrounds or in the city limits except at designated shooting ranges.
- Shotgun range at state shoot will use manual pull for all shooters. Counties will need to supply person to pull for each county squad.
- Rules regarding challenges for air rifle, air pistol, small bore rifle, and small bore pistol were clarified for use with Orion scoring system. Challenges to targets scored by the Orion scoring system will be handled by rescanning the target in question. If the scores differ, the higher score will be used.
- If a participant has to leave an active shooting line, they will be put on the line with the next available opening. That may or may not be the next shooting line – only if a spot is available.

Thank you for your continued dedication to the youth of Wyoming. The State Shoot has become one of the premier events in Wyoming 4-H because of your efforts. Please contact me at 766-5170 or smack@uwyo.edu if you have any questions regarding State Shoot.

Sincerely,



Steve Mack
Wyoming State 4-H Foundation
Wyoming State 4-H Office

Eligibility

Eligibility for individual youth is determined by the local county program. Contestants must have demonstrated knowledge and understanding of the range commands and safe handling of the associated shooting equipment for each discipline in which they shoot. This is verified on the county registration form by a required signature from the local 4-H educator or their designated county key shooting sports leader. (Examples of demonstrating knowledge and understanding may include, but are not limited to, participation in: county shoot, district shoot, club shoot, scheduled 4-H club practices, state shoot, or national shooting sports invitational.)

Safety

Safety is a primary consideration at all times during the match. ***Any violation of safe shooting will be grounds for participant disqualification.*** All leaders, parents, and guests will be expected to obey safety rules.

- All firearms are to be considered loaded at all times.
- The range commander and range officers together will follow the standardized range commands.

Event Rules

- Firearms shall not be discharged anywhere on the Wyoming State Fairgrounds or in the city limits unless at a designated shooting range.
- Any competitor determined by the range commander to be incompetent of safe handling his/her firearm or exhibiting unsafe behavior will be dismissed from line and the event.
- **Eye Protection:** Each contestant must have appropriate eye protection for all shooting events. Contestants are responsible for providing their own eye protection.
- **Ear Protection:** In muzzleloading, shotgun, smallbore pistol, and smallbore rifle, all competitors and those on firing lines must have adequate hearing protection. Where electronic hearing protection is used, it may not include radio or similar broadcasts as background noise, since that could interfere with range commands. **Headphones or ear buds are not approved hearing protection.**
- Participants are not permitted to use ear buds, headphones, or electronic communication devices while on the shooting line. This is to ensure safety as to not interfere with range commands.
- Any person can declare a cease-fire if conditions warrant.
- If cease-fire is declared, shooters will immediately make the firearm safe by opening the action or slowly let off draw and returning firearms/bows to the ground or rack.
- Range officials shall check all firearms, ammunition, and archery equipment prior to its use in competition. Unsafe equipment will not be allowed on the range.
- If a participant has to leave an active shooting line, they will be put on a line with the next available opening. That may or may not be the next shooting line – only if a spot is available.
- All pistols, rifles, shotguns, muzzleloaders, and archery equipment will be cased and may not be uncased until the competitor is instructed to do so at the designated range.
- No coach, leader, spotter or other person may accompany or assist the competitor at the line except as approved by the range officer in charge of the event.
- No one is permitted on any range under the influence of alcohol or any type of drugs. If a competitor is using any type of medication, check with the range commander prior to taking a shooting position.
- Adaptations for shooters with physical disabilities will be approved by county project coordinator and rules arbitrator prior to event.
- No horse play will be tolerated at any time during the match!!

Teams

- A junior team is defined as competitors participating as junior and intermediate individuals.
- Senior teams will consist of senior individuals only.
- *Shotgun*: Teams will consist of 4 or 5 members. The sum of the four (4) high scores will determine the team score.
- *Rifle, Pistol, Archery, & Muzzleloader*: Teams will consist of 3 or 4 members. The sum of the three (3) high scores will determine the team score.
- Each county will be able to designate as many junior and senior teams as they wish based on the following disciplines:
 - *Pistol (Air & .22), Muzzleloader, Shotgun*: counties can designate multiple junior and senior teams for these disciplines.
 - *Archery*: multiple junior and senior teams can be designated in each of the four divisions (longbow recurve, bar bow, freestyle limited, & freestyle unlimited).
 - *Air Rifle*: multiple junior and senior teams may be designated for Sporter, Light Target, Heavy Target, and Precision divisions. A Sporter rifle shooter can be part of a light target rifle team and light target shooter can be part of a precision team.
 - *.22 Rifle*: multiple junior and senior teams may be designated for Sporter, Light Target, and Precision divisions. A Sporter rifle shooter can be part of a light target rifle team and light target shooter can be part of a precision team.
- *Competitors may not move **down** a class.*

AIR AND SMALL BORE RIFLE

SIGHT-IN RULES

There is a sight-in range available for either pre-sight-in or when sight-in problems occur.

During the match, there is a sight-in period provided on the prone target, in the prone position, prior to shooting the prone target for score.

At this time, it is the choice of the contestant to either continue the match or pull out for more sight-in at the appropriate sight-in area, targets will be held by the Range Commander and the contestant will continue their competition on another relay.

Sight-in shots **may be** shot in the other positions, but any shot outside the “guard ring” will be counted as a **scored** shot.

AIR RIFLE (PELLET), 4 POSITIONS

- LOCATION: Wyoming State Fairgrounds, Douglas, Wyoming
- MATCH: Ten minutes per target will be given for combined sight-in and record shots in the following position order – Prone, Standing, Kneeling, and Sitting (ten shots from each position). The standing position may be substituted for any of the other three positions.
- A preparation period will be allowed prior to firing each stage of the competition.
- Match winner will be determined by the total score of the above four stages.
- In case of tie, the following tie-breaker will be used:
- 1) The highest score of the last target scored
 - 2) The highest score from the second to last target scored
 - 3) The highest number of 10's, 9's, 8's etc.
- TARGETS: Orion 10m Air Rifle 12 Bull Target (Mimics NRA AR 5-10)
- DISTANCE: 10 Meters
- EQUIPMENT: There will be 4 classes for air rifle: (See next page for specific equipment classifications)
1. Sporter Rifle
 2. Light Target Rifle
 3. Heavy Target Rifle
 4. Precision Rifle
- A competitor will be allowed to shoot in **only one class**.
- Metallic sights only.
- Shooting mats, kneeling rolls, spotting scopes, and stands or binoculars are allowed.
- No set triggers and no semi-automatic air rifles.
- Pump air rifles may not exceed 5 pumps or 800 ft./sec.
- Stocks may be shortened to accommodate shooter.
- Slings need to be unclipped (not used) while shooting the standing position.

AIR RIFLE SPORTER CLASS:

Any .177 caliber air rifle weighing 5 lbs. or less with a minimum trigger pull of 3 lbs.

- Multi-pump pneumatic or spring air rifles

Allowed Equipment

- Open, Buckhorn, or Aperture sights

Equipment not allowed

- Aftermarket sights
- Shooting aids – Target sling, shooting clothes

AIR RIFLE LIGHT TARGET CLASS:

Any .177 caliber air rifle weighing 6.5 lbs. or less with a minimum trigger pull of 2 lbs.

- Includes pump & CO2 rifles

Allowed Equipment

- Open, Buckhorn, or Aperture sights (can be adjustable)
- Non-factory adjustable cheek piece can be added to help fit firearm to shooter

Equipment not allowed

- Factory modified or adjustable stock (except for length only)
- Adjustable trigger
- Shooting aids – Target sling, shooting clothes

AIR RIFLE HEAVY TARGET CLASS:

Any .177 caliber air rifle weighing 7.5 lbs. or less, including accessories, with a minimum trigger pull of 1.5 lbs.

- Compressed air rifles

Allowed Equipment

- Adjustable trigger
- Adjustable stock (cheek piece, butt plate, rail, or hand stop)
- Shooting aids – non-forming shooting clothes (cloth coat), Target sling, glove

Equipment not allowed

- Shooting aids – forming shooting clothes

AIR RIFLE PRECISION CLASS:

Any .177 caliber air rifle equipped with a **safe trigger as deemed by the range officer.**

Allowed Equipment

- Adjustable trigger
- Adjustable stock (adjustments may be made on the shooting line)
- Shooting aids – all forms of shooting clothes are accepted (coats, pants, boots, gloves, blinders), Target sling

THE FOLLOWING INFORMATION APPLIES TO ALL AIR RIFLE CLASSES

- AMMUNITION: .177 Caliber Wadcutter - **NO POINTED PELLETS.**
Competitors must supply their own ammunition.
- SAFETY: All range commands will come from the range officer.
- Violation of safety rules may result in immediate disqualification from match.
- Refer to General Event Rules for specific safety information.
- COACHING: No coaching allowed once the shooters are called to the firing line for the preparation period.
- MALFUNCTIONS: If an equipment problem occurs on the line a shooter should notify the range officer. If the problem cannot be solved by the range officer the coach or parent may then be notified.
- TEAMS: Refer to General Event Rules for specific information regarding teams.
- CHALLENGES: A two-hour challenge period for scores will be allowed from the time the targets are posted. Appropriate time will be allowed for challenges if required.
- Challenges to targets scored by the Orion scoring system will be handled by rescanning the target in question. If the scores differ, the higher score will be used.**
- GENERAL: Match director or designated committee will resolve all challenges.
THEIR DECISION WILL BE FINAL.

Rifle Positions

In the sitting, kneeling, and prone positions, the rifle forearm is supported by the palm of the hand. In the sitting and kneeling positions, the elbow is within 4" of the knees.



Figure 1 Sitting Position - open-legged



Figure 3 Sitting Position - Cross-legged. In a properly structured cross-legged position, the legs will be crossed so that the feet support the legs, the elbows rest in the Vs formed by the bent legs and the sling is tightened so it supports the weight of the rifle. No artificial support is allowed under the knees.

Figure 2 Kneeling



Figure 5 Standing Position (off hand)

Figure 4 Prone Position. Lie on the mat with the left elbow under the left sideline. Adjust the left hand to raise or lower the sights to target level. Tighten the sling until it supports the rifle. Rotate the position until the sights point at your target.



International Style is pictured, also accepted is Hunter Freehand Style (not pictured).

SMALL BORE RIFLE COMPETITION

LOCATION: Douglas Rifle Range, Douglas, Wyoming

MATCH: Ten minutes per target will be given for combined sight-in and record shots in the following position – Prone, Standing, Kneeling, Sitting. The standing position may be substituted for any of the other three positions.

A preparation period will be allotted prior to firing each stage of the competition.

Match winner will be determined by the total score of the four above stages.

In case of tie, the following tie-breaker will be used:

- 1) The highest score of the last target scored
- 2) The highest score from the second to last target scored
- 3) The highest number of 10's, 9's, 8's etc.

TARGETS: Orion 50 ft. Conventional Rifle 12 Bull Target (Mimics NRA A17)

DISTANCE: 50 feet

EQUIPMENT: There will be three classes for Small Bore Rifle:

1. Sporter Rifle
2. Target Rifle
3. Precision Rifle

A competitor will be allowed to compete in only one class.

Any .22 caliber rifle, including semi-automatic, will be allowed if they are deemed safe and the slide (action) is able to lock open.

All rifles must be loaded one shot at a time.

Metallic sights only.

Shooting mats, kneeling rolls, spotting scopes, and stands or binoculars are allowed.

Minimum trigger pull – spot checks on the line will be made during the match. Weights will be available for use prior to the match. It is the competitor's responsibility to ensure their rifle meets this requirement.

Slings need to be unclipped (not used) while shooting the standing position.

.22 CAL. SPORTER RIFLE CLASS:

Any .22 caliber rifle weighing less than 7 lbs. with a muzzle diameter of 0.65 inches or less and a minimum trigger pull of 2.5 lbs.

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| Optional Allowed Equipment <ul style="list-style-type: none">- Open, Buckhorn, or Blade rear peep sight (stock)- A post, or bead front sight | Equipment not allowed: <ul style="list-style-type: none">- After market rear peep sights- Aperture front sight- Any kind of special shooting clothes- Target or loop sling |
|--|--|

22 CAL. TARGET RIFLE CLASS:

Any .22 caliber rifle weighing under 10 lbs., with accessories, and a minimum trigger pull of **2 lbs.** No adjustments to the stock (butt plate) will be made during the match.

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|--|---|
| Optional Allowed Equipment: <ul style="list-style-type: none">- Aperture front sight- Adjustable Butt Plate (for length only)- Target Sling- Non-factory adjustable cheek piece can be added to help fit firearm to shooter- Shooting aids – non-forming shooting clothes (cloth coat), Target sling, glove | Equipment not allowed: <ul style="list-style-type: none">- Palm rest- Hook butt plate |
|--|---|

22 CAL. PRECISION RIFLE CLASS:

Any .22 caliber rifle equipped with any of the following: adjustable hook butt plate, adjustable palm rest, adjustable cheek piece. **Rifles must have a safe trigger as deemed by the range officer.**

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| Optional Allowed Equipment: <ul style="list-style-type: none">- Adjustable stock- Adjustable trigger- Shooting clothes (coats, pants, gloves, boots, etc.)- Extension tube |
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THE FOLLOWING INFORMATION APPLIES TO ALL THREE SMALL BORE RIFLE CLASSES

- AMMUNITION:** .22 Calibers – Short, Long, or Long Rifle only.
Competitors must supply their own ammunition.
- SAFETY:** All range commands will come from the range officer.
Local range rules will apply.
- Violation of safety rules may result in immediate disqualification from match. Refer to General Event Rules for specific safety information.
- Because of the check-in process for the .22 Rifle range, only one firearm can be in a case at check-in and on the line.
- COACHING:** No coaching allowed once the shooters are called to the firing line for the preparation period.
- MALFUNCTIONS:** If an equipment problem occurs on the line a shooter should notify the range officer. If the problem cannot be solved by the range officer the coach or parent may then be notified.
- TEAMS:** Refer to General Event Rules for specific information regarding teams.
- CHALLENGES:** A two-hour challenge period for scores will be allowed from the time the targets are posted. Appropriate time will be allowed for challenges if required.
- Challenges to targets scored by the Orion scoring system will be handled by rescanning the target in question. If the scores differ, the higher score will be used.**
- GENERAL:** Match director or designated jury will resolve all challenges.
THEIR DECISION WILL BE FINAL.

Rifle Positions

In the sitting, kneeling, and prone positions, the rifle forearm is supported by the palm of the hand. In the sitting and kneeling positions, the elbow is within 4" of the knees.



Figure 1 Sitting Position - open-legged



Figure 3 Sitting Position - Cross-legged. In a properly structured cross-legged position, the legs will be crossed so that the feet support the legs, the elbows rest in the Vs formed by the bent legs and the sling is tightened so it supports the weight of the rifle. No artificial support is allowed under the knees.

Figure 2 Kneeling



Figure 5 Standing Position (off hand)

Figure 4 Prone Position. Lie on the mat with the left elbow under the left sideline. Adjust the left hand to raise or lower the sights to target level. Tighten the sling until it supports the rifle. Rotate the position until the sights point at your target.



International Style is pictured, also accepted is Hunter Freehand Style (not pictured).

AIR PISTOL (PELLET) COMPETITION

- LOCATION:** Wyoming State Fairgrounds, Douglas, Wyoming
- MATCH:** 40 shots, slow fire, 1 minute per shot, 5 shots per bull. Each shot will be loaded and fired individually.
- A preparation period will be allotted prior to firing each stage of the competition. A sight-in area will be provided to allow participants to sight-in prior to the start of the relay.
Match winner will be determined by the total score of the above two stages.
- TIE-BREAK** In case of tie, the following tie-breaker will be used:
- 1) Total score from last target shot
 - 2) Total score of next to last target shot
 - 3) The highest number of 10's, 9's, 8's etc.
- TARGETS:** Orion 10m Air Pistol 1 Bull Target (Mimics NRA B 40/1)
- DISTANCE:** 10 meters
- EQUIPMENT:** Any .177 Caliber Air Pistol with a maximum velocity of 985 ft/sec.
Metallic sights only - No set triggers
Shooters may use either a spotting scope or binocular for checking targets.
- POSITION:** Standing, two-hand unsupported. Senior aged members may shoot one handed if they choose. All portions of the shooters clothing, body, and gun must be clear of artificial support. No portion of the shooter's body may rest upon or touch the ground in advance of the firing line.
- AMMUNITION:** .177 caliber wad cutter – competitors must supply their own ammunition.
- SAFETY:** All range commands will come from the range officer.
Violation of safety rules may result in immediate disqualification from match.
Refer to General Event Rules for specific safety information.
- COACHING:** No coaching allowed once the shooters are called to the firing line for the preparation period.
- MALFUNCTIONS:** If an equipment problem occurs on the line a shooter should notify the range officer. If the problem cannot be solved by the range officer, the coach or parent may then be notified.
- CHALLENGES:** A two-hour challenge period for scores will be allowed from the time the targets are posted.
Challenges to targets scored by the Orion scoring system will be handled by rescanning the target in question. If the scores differ, the higher score will be used.
- GENERAL:** Match director or designated jury will resolve all challenges.
THEIR DECISION WILL BE FINAL.

SMALL BORE PISTOL

- LOCATION:** Douglas Rifle Range, Douglas, Wyoming
- MATCH:** 40 shots, slow fire, one minute per shot, 10 shots per bull. Loading will be at the discretion of the range commander.
- A preparation period will be allotted prior to firing each stage of the competition.
- Match winner will be determined by the total score of the four above stages.
- In case of tie, the following tie-breaker will be used:
- 1) Total score from last target shot
 - 2) Total score of next to last target shot
 - 3) The highest number of 10's, 9's, 8's etc.
- TARGETS:** Orion 50ft Conventional Slow Fire Pistol Target (Mimics NRA B-2) Silhouettes or falling plates
- DISTANCE:** 50 feet
- EQUIPMENT:** Any .22 caliber pistol, revolver, or semi-automatic will be allowed if the slide (action) is able to lock open. All pistols must be loaded one at a time with the exception of revolvers – may load up to 5 rounds at the range commanders description.
- Metallic sights only
- Minimum 2 pound trigger – spot checks will be made prior to and during the match. Weights will be available prior to match. It is the competitor's responsibility to meet this requirement.
- All shooters are recommended to have either a spotting scope or binoculars for checking targets.
- POSITION** Standing, two-hand unsupported. Senior aged members may shoot one handed if they choose. All portions of the shooters clothing, body, and gun clear of artificial support. Competitors will take their position in such a manner as not to interfere with competitors on either side. No portion of the shooter's body may rest upon or touch the ground in advance of the firing line.
- AMMUNITION:** 22 caliber – Short, Long or Long Rifle Pistol only. Competitors must supply their own ammunition.
- SAFETY:** All range commands will come from the range officer. Local range rules will apply. Any person may call for a cease fire if an unsafe condition or act is observed. Refer to General Event Rules for specific safety information.
- Violation of safety rules may result in immediate disqualification from match.

- COACHING: No coaching allowed once the shooters are called to the firing line for the preparation period.
- MALFUNCTIONS: If an equipment problem occurs on the line, a shooter should notify the range officer. If the problem cannot be solved by the range officer, the coach or parent may then be notified.
- TEAMS: Refer to General Event Rules for specific information regarding teams.
- CHALLENGES: A two-hour challenge period for scores will be allowed from the time the targets are posted. Appropriate time will be allowed for challenges if required.
- Challenges to targets scored by the Orion scoring system will be handled by rescanning the target in question. If the scores differ, the higher score will be used.**
- GENERAL: Match director or designated jury will resolve all challenges.
THEIR DECISION WILL BE FINAL.

SMALL BORE PISTOL SILHOUETTE FUN SHOOT

- LOCATION: Douglas Rifle Range, Douglas, Wyoming
- MATCH: 5 shots will be fired. It will be the shooters choice to load the magazine and shoot their 5 shots or load the rounds individually.
- Match winner will be determined by the total score and may receive an award and get announced at the awards program.
- TARGETS: Ram – 5 points
Turkey – 10 points
Pig – 15 points
Chicken – 25 points
- DISTANCE: 50 feet

ARCHERY

LOCATION: Wyoming State Fairgrounds, Douglas, Wyoming

CLASSES: There will be four classes in archery:

Class A. Long bow and recurve

Class B. Bare bow

Class C. Freestyle Limited

Class D. Freestyle Unlimited

Class A: Long Bow and Recurve

- A. Bow shall be free of any sights, marks, or stabilizers (screw in or glue on arrow rests will be allowed).
- B. One or two nocks will be allowed (one above and one below arrow nock).
- C. String may be made of one or more strands. The center serving must be of one consistent size.
- D. String will be free of marks, colors, or patterns that can be used for sighting.
- E. String silencers will be allowed
- F. Gloves, tabs, or fingers shall be the only release aid.

Class B: Bare bow – long bow, recurve, or compound

- A. Same as class A except a stabilizer no longer than 12” will be allowed

Class C: Freestyle limited

- A. Any type of sight and its written memorandum may be used. (Scope sights are not allowed)
- B. A kissers button and peep will be allowed on the string
- C. Gloves, tabs, or fingers shall be the only release aid
- D. A stabilizer and counter balance maybe used (no length restriction)

Class D: Freestyle unlimited

Same as class C but in addition:

- A. Release aids may be used
- B. A scoped sight may be used

GENERAL: State 4-H Rules shall govern the event. Refer to General Event Rules for specific information regarding archery teams.

EQUIPMENT: All equipment must be checked for proper class and deemed safe for use at time of check in. Crossbows are prohibited. Arm guards are strongly encouraged but their use is at the county discretion.

Participants will need to supply their own bows (1), arrows (8), and quiver (1). Bow quivers, back quivers, belt quivers, and ground quivers will be allowed. Arrows are not allowed to be laid on the ground or put in back pockets for safety precautions. Bows and arrows must be cased for transport to and from the archery range. **Participants are encouraged to bring extra arrows in case of damaged or lost arrows.**

RANGE RULES:

These rules are in addition to the general event rules.

- A. Binoculars will be allowed for use on the range, **range finders are not allowed.** Optics are subject to inspection for range finding capability.
- B. Toe to the firing line (no crossing the firing line while range is open.)
- C. The same bow will be used on both the target and animal rounds.
- D. No high drawing
- E. Lighted arrow nocks will not be permitted.
- F. Bows are not permitted down range. Bow racks will be provided.
- G. Open time slots will be on a first come first serve bases.
- H. All complaints and/or discrepancies will be taken up with the range commander only.
- I. Anyone exhibiting poor sportsmanship or behavior will be asked to leave the archery range.
- J. When not in a case or quiver, arrows will be carried in a safe manner.

TARGETS:

Competitors will shoot at 40 cm NFAA single blue faced targets.

- A. Juniors shoot from 10 yards, 5 arrows, 6 times.
- B. Intermediates and Seniors shoot from 20 yards, 5 arrows, 6 times
- C. Shots will be scored 5X, 5, 4, 3, 2, 1, and 0. The arrow is counted when touching the line.
- D. Participants may shoot the blue face round using the 16 cm 5-spot blue target and 5 spot target scoring which is (5X, 5, 4, and 0). Once a contestant elects to use the 5 spot target, they must stay with the target for the duration of the round.
- E. 150 points possible.

Competitors will shoot at 3-D animal targets of varying sizes and distances.

- A. All competitors will shoot 30 arrows. All arrows will be scored.
- B. Juniors will shoot a maximum of 20 yards and intermediates and seniors will shoot a maximum of 40 yards in the 3-D animal round.
- C. Shots will be scored 10X or 10 points for center ring in vital, 8 points for vital ring, 5 points for hit anywhere else on the animal, and 0 for missed targets. Witnessed bounce-out arrows will be scored accordingly. (See below for definition of bounce-out arrows)
 - a. Bounce-out arrows are defined as arrows which hit the animal in the scoring area and bounce back toward the shooter.
 - b. Arrows that glance, skip, or hit off the animal and proceed down range are not considered bounce-out arrows and will be scored a miss.
- D. 300 points possible

NOTE: The rule regarding bounce-out arrows is intended to help those contestants with bows that have a lower draw weight which can make it difficult for arrows to stick in the target.

SCORING: Scoring for archery will be done by a team. The scoring team will equal 2 range officials and contestant.

In case of a tie, the following tie breakers will be used:

Target - Number of X's on blue face round.

3-D - Number of X's on 3-D animal round

PRACTICE: One practice round will be allowed – either on the animal or blue face, depending on where the shooter is starting.

Sight-in Range – Sight-in will be for equipment check only. The Sight-in range will only be open Friday and Saturday mornings from 7am to 7:30am.

EQUIPMENT FAILURE:

Any person who has an equipment failure involving the bow will notify the range commander immediately. Once the Range commander has been notified, the shooter will have 20 minutes to repair the equipment and return to the line and complete their competition. The individual shall be allowed 4 arrows to be shot under the supervision of the Range Commander to check equipment. Contestant may not leave the tournament area. ***No practice is allowed during the repairs.***

Broken or damaged arrows may be replaced at the time damage is noted. No time is allowed for contestant to leave the immediate area of the shooting line.

SHOTGUN

LOCATION: Douglas Trap Club, Douglas, Wyoming

EQUIPMENT: Shotguns 12 gauge and smaller will be accepted.

All participants will be required to have a shell bag or vest to hold live rounds when on the firing line. Shell bags will be available for checkout at the registration table.

Shotgun shells will not be provided, although shells may be available for purchase at the club if needed. Shooters are asked to have any extra box of shells on hand. Only factory loads will be allowed. **(NO RELOADS WILL BE ALLOWED.)**

No hammer shotguns are allowed.

Range clean-up including **ALL** empty hulls is appreciated.

SCORING: Scoring will be done at the range by an official of the range. Any challenges will be settled at the range.

Junior, intermediate, and senior high scoring individuals on singles and handicap will be declared. High scoring junior and senior teams will be declared. Team scores will be based on a combination of singles and handicap scores.

Team events and scores will consist of five individual shooters with four scores counting toward team total. Each county will be able to designate a junior and senior team. Score will consist of total clays broken.

Scores will be posted in a centralized area and changed periodically. Do not come to the scoring area to check on scores.

TARGETS: Participants will shoot 50 clays in the singles round and 50 clays in the handicap round.

- a. Breakdown of 100 clays total
 - i. 50 clays from 16 yards (Trap singles)
 - ii. 50 clays (Trap handicapped)
 1. Junior 8, 9 & 10 – 19 yards
 2. Intermediate 11, 12 & 13 – 20 yards
 3. Senior 14 & older – 22 yards

Any participant, not wanting to shoot 100 rounds, can compete in just the singles (50 clays) or just the handicap round (50 clays). Scores will be tallied and awards will be given in both singles and handicap rounds for individual competitors.

In case of a tie, shoot-off will be in multiples of 10 clays. Only 1st through 3rd places in each age group and division will shoot-off. Shoot –off will follow within a half-hour after the last squad competes on Friday.

GENERAL:

A practice trap will be available at the trap club at \$5.00 per 25 for practice rounds. The practice trap-house may be used for competition if one of the other trap-houses malfunctions.

All those planning to shoot together (i.e. county team members) must all be pre-squaded and present to shoot together. Counties will need to supply 1 person to pull for each county squad.

Shooting begins when scheduled squads are ready to shoot.

RULES:

Re-loads will NOT be allowed in shotgun.

At the beginning of each relay, the squad leader calls for the clay. If the squad members feel that the clay is not at legal height, the trap will be tested and the machine adjusted.

Fault Rule will be used. Only 1 fault per 25 clays will be permitted.

Any competitor deemed by the range commander to be incapable of safely handling the shotgun will be dismissed from the firing line.

NOTE:

Trap club will be open at 6:00 a.m. on Friday. Bring your shooter number.

Due to the congestion, scores will be posted in a centralized area and changed periodically. Do not come to the scoring area to check on scores.

All squads will be pre-squaded at scheduled times. All squad members must be present one-half (1/2) hour before scheduled time.

Squads will be allowed to take up to 5 minutes between rounds.

MUZZLELOADING RIFLE AGGREGATE

- LOCATION: Douglas Rifle Range, Douglas, Wyoming
- GENERAL: No coaching will be allowed once the contestants are on the firing line
- If two contestants share the same rifle, specify on entry forms, so appropriate time slots can be arranged. Contestants sharing a rifle will not be scheduled on the same relay.
- All rifles must be loaded through the muzzle
- Each county will be able to designate a junior and senior team for each class.
- EQUIPMENT: The muzzleloader discipline will consist of any muzzleloader using a patch and round ball.
- All shooting events are for off-hand muzzleloader rifles. Only open iron sights will be allowed. Cross sticks will be allowed on designated targets.
- Percussion cap/.209 primers are allowed and black or synthetic black powder may be used.
- Pistols are not allowed.
- Contestants are responsible for providing their own muzzleloader rifle, patches, black powder/synthetic black powder, balls, and bullets. **Caps will be provided in 2024 for the last year.** If your muzzleloader needs a certain brand of cap, you must provide your own.
- RANGE RULES: Range rules will be strictly enforced by the Range Commander.
- A. Competitors determined by the range commander to be unsafe will be asked to leave the firing line.
 - B. Contestants will load their own firearm under the supervision of a qualified adult. Once a contestant has demonstrated his/her proficiency, an adult may assist in loading.
 - C. Clear bore with rod before reloading each shot.
 - D. No loading of rifles directly from powder horn or flask. An intermediate charger (powder measurer) must be used.
 - E. Rifles will be loaded only in designated areas and the *County*
 - F. ***4-H leader will cap all rifles.***
 - G. Treat every gun as if it were loaded, keeping the muzzle pointed in a safe direction at all times.
 - H. Safety glasses and hearing protectors are required.
 - I. Scopes and binoculars are allowed to be used by shooters.

TARGETS:

All targets are standing off-hand unless otherwise stated.

- A. 25 yards, (RB 50-6-8) six bull target – 5 shots, juniors may use cross sticks.
- B. 25 yards, (BG 2427) bottle target – 5 shots, juniors and intermediates may use cross sticks.
- C. 25 yards, (B 50-2) double buffalo target – 5 shots.
- D. 25 yards, breakable clay pigeon targets – 5 shots: 10 points for each target broken.
- E. 50 yards, (RB 100-8) single bull target – 5 shots, use of cross sticks is optional.
- F. 60 yards, long gong – 1 shot: 10 points.

SCORING:

Scoring will be done at the range by a range official immediately following the round

In case of a tie, the following tie-break will be used:

- 1) Total number of X's.
- 2) Score from long gong.
- 3) Total score from breakable clay pigeon round.

Junior, intermediate, and senior individual winners will be determined by comparing the cumulative scores of each contestant.

EQUIPMENT FAILURE:

Treat a misfire or failure to fire with extreme care, keeping the gun pointed down range and wait at least 30 seconds. Immediately notify the range commander of any malfunctions.

Muzzleloaders that misfire 3 times in one relay will be removed from the line. Additional muzzleloaders will be available for use.

OUTDOOR SKILLS COMPETITION ACTIVITIES

Presented by: Wyoming Game and Fish Department

The Outdoor Skills Competition will be held as a non-scheduled event and will be conducted during the hours 10:00 a.m.-5:00 p.m. on Friday and from 9:00 a.m.-3:00 p.m. on Saturday.

The Outdoor Skills competition is open to youth with a state shoot registration number. The individual skills contest scores will be entered in the 4-H scoring system with senior scores used towards the Raton, NM award trip if applicable.

To assist in scoring this event, all 4-H state shoot contestants will be registered in Outdoor Skills. Competition time. This event will not be scheduled so please make sure participants familiarize themselves with the dates and times of operation. 10:00 a.m.-5:00 p.m. on Friday and from 9:00 a.m.-3:00 p.m. on Saturday, no tests will be administered before or after this listed time

1. Wildlife ID Education
ID tracks, pelts, horn/antlers Distance Estimation
2. Compass / Orienteering
Using the compasses provided by the WGFD
3. Hunter Education
A written test covering outdoor safety & survival, ethics & responsibility and hunter safety. Separate tests will be given to junior, intermediate, and senior participants.

Information will come from the “NRA Hunter’s Guide and Wyoming Game and Fish Department Hunter Education Student Manual (this can be found on the WGFD website).”

4-H Shooting Sports Award Trips Selection Criteria

Raton New Mexico

1. Senior members wishing to compete for an opportunity to win this trip will indicate so on the registration form.
2. Rifle – only one rifle event will count for points toward the trip.
3. Pistol – only one pistol event will count for points toward the trip.
4. Shotgun – only one shotgun event will count for points toward the trip
5. Archery – only one archery event will count for points toward the trip
6. Points will be awarded to those registered for the award trip and finish in the top ten in each discipline. Each participant will have no more than their top three events counted. Points will be awarded as follows: 1st – 10 points, 2nd – 9 points, 3rd – 8 points, etc. through 10th place.
7. At least twelve winners will be announced at the awards program on Sunday morning and given the trip details.

Raton, New Mexico, 4-H Shooting Sports Trip for Record Books

1. Senior members only (individuals will be selected from top record books).
2. Members must have participated in the current year's state shoot to be eligible to win the trip based on record book.
3. Record books will be due in the State 4-H Office, July 19th by 5:00 p.m.

*****Members can only win the trip once (not once for shooting and once for record books). If a member forfeits the trip due to extenuating circumstance, future eligibility is at the discretion of the trip Coordinator.***

Shooting Sports National Championships

Qualifying for the National Championships

Participants selected for the National Championships will be the top individual senior aged members based on placing at the Wyoming 4-H State Shoot. Given the timeframe the National championships are held (end of June), and the Wyoming State Shoot (early July), teams will be chosen at our state shoot a year in advance of the National Championships. Team members will be chosen based on their overall placing in the following disciplines/classes:

- Air Rifle – Air Rifle Heavy Target Class
- Air Pistol – Air Pistol
- Archery Compound – Archery Class D
- Hunting – Outdoor Skills
- Muzzleloader – Muzzleloader
- Small Bore Rifle – Small Bore Rifle Light Target/Precision Class
- Small Bore Pistol – Small Bore Pistol
- Shotgun - Shotgun

Eligibility to Participate

The top 4 individual shooters in each discipline will qualify for the National Championships as long as they are age eligible, eligible to participate at nationals in the discipline, and agree to attend/participate. If any selected individual is ineligible, or chooses not to attend, the team will be filled by the next shooter in line based on their placing at state shoot.

Addendum 1.1

Equipment Reference List (not exhaustive)

Air Rifle

Required equipment: Eye protection, .177 Caliber Wadcutter pellets

Optional equipment includes: Shooting mats, kneeling rolls, spotting scopes, and stands or binoculars.

.22 Small Bore Rifle

Required equipment: Hearing and eye protection; .22 caliber ammunition

Optional equipment includes: Shooting mats, kneeling rolls, spotting scopes, and stands or binoculars.

Air Pistol

Required equipment: Eye protection, .177 wadcutter pellets

Optional equipment: Spotting scope or binoculars

.22 Pistol

Required equipment: Hearing and eye protection; ammunition

Optional: Spotting scope or binoculars

Archery - Juniors

Required equipment: Quiver (bow, back, belt, or ground quiver), arrows (at least 6)

Optional equipment: Arm Guard, Spotting scope or binoculars, eye protection, you may bring more than 6 arrows as targets will be on concrete.

Archery - Intermediates & Seniors

Required equipment: Quiver (bow, back, belt, or ground quiver), arrows (at least 6)

Optional equipment: Spotting scope or binoculars; arm guard; eye protection, you may bring more than 6 arrows as targets will be on concrete.

Shotgun

Required equipment: Hearing and eye protection; Factory load ammunition only; Shell bag or vest

Muzzleloader

Required equipment: Hearing and eye protection; Patches; Black powder/synthetic black powder; Balls; Bullets. **Caps will be provided in 2024 for the last year.**

Optional equipment: If your muzzleloader needs a certain brand of cap, you must provide your own; Cross sticks, spotting scope or binoculars