

Kentucky 4-H State Shooting Sports Education Program Rules

Revised 11/10/2023 – Revisions denoted in **BOLD**

GENERAL RULES/GUIDELINES

1. All 4-H members participating in the Kentucky State 4-H Shooting Sports Education contest must be enrolled and active in their county Shooting Sports Education Program by July 1st in the year of the contest.
 - a. Each county must have a complete county Shooting Sports Education member roster received in the State Office by 4:30 p.m. EST July 1st of the current year.
 - b. Anyone participating in a state level competition must have passed their 9th birthday as of January 1st of the current year. All age categories are based on the participants' age as of January 1st of current year. Age groups will be 9-11, 12-14 and 15-18.
2. All county participants entering the state sponsored 4-H Shooting Sports Education contest will be entered as individuals in all categories. All individuals will compete against each other for event age level placing.
 - a. Counties will be allowed only one winning team per age category per discipline. County teams will be determined by the highest four scoring shooters from that county in each age category in which a county has four or more contestants for all events except trap. Trap teams will be the five highest scoring shooters from that county in each age category in which a county has five or more contestants. A county Black Powder Flintlock Rifle or Black Powder Pistol Team shall consist of the top three scoring members from each age group.
3. 4-H Shooting Sports Education members may participate in open youth shoots not sponsored by 4-H.
4. An individual may participate in no more than three events on Saturday and one division on Sunday.
5. County registrations must be submitted online by the deadline specified by the State Extension Specialist for KY 4-H Shooting Sports. Registration can only be completed by an Agent or Extension Staff member.
 - a. After the registration deadline a 2-week registration review will take place. During this time counties are permitted changes, substitutions, and additions to their county registration. No changes will be accepted after the review period has ended.
 - b. Registration payments are due by the deadline specified by the State Extension Specialist for KY 4-H Shooting Sports. No refunds will be given for cancellations after this deadline.
6. Every county is required to provide One (1) volunteer per every FOUR (4) registered participants, or portion thereof, per day of competition.
 - a. Volunteer Rosters must be submitted by the deadline specified by the State Extension Specialist for KY 4-H Shooting Sports. Substitutions for volunteers can be made at any time.
 - b. Counties that fail to meet the above requirement before or during the competition will be disqualified for that day (Saturday/Sunday) of the State Competition for the coming year.
7. All participants must check-in with the Range Registrar at all ranges, except Target .22 Rifle and Trap, no later than 12:00 Noon.
 - a. Target .22 Rifle will be the first relay(s) on Saturday beginning at 8:00 a.m. Target Rifle participants must be checked in by 7:30AM. The number of .22 Target Rifle relay(s) will depend upon the number of participants entered in the current year.
 - b. Air Pistol, .22 Pistol, Air Rifle and BB Rifle, Black Powder, Archery, .22 Sport Rifle will close at Range

Cooperative Extension Service

Agriculture and Natural Resources
Family and Consumer Sciences
4-H Youth Development
Community and Economic Development

MARTIN-GATTON COLLEGE OF AGRICULTURE, FOOD AND ENVIRONMENT

Educational programs of Kentucky Cooperative Extension serve all people regardless of economic or social status and will not discriminate on the basis of race, color, ethnic origin, national origin, creed, religion, political belief, sex, sexual orientation, gender identity, gender expression, pregnancy, marital status, genetic information, age, veteran status, physical or mental disability or reprisal or retaliation for prior civil rights activity. Reasonable accommodation of disability may be available with prior notice. Program information may be made available in languages other than English.
University of Kentucky, Kentucky State University, U.S. Department of Agriculture, and Kentucky Counties, Cooperating.
Lexington, KY 40506



Disabilities
accommodated
with prior notification.

Officer discretion once all registered participants are confirmed.

- c. Trap has pre-assigned squads on Sunday.
8. Any participant present at the range when their name is called to report to the shooting line that does not report to the line with their equipment prepared to shoot will be disqualified from that event.
9. An official and current year contest identification badge must be worn by all participants at all times while on the grounds and must be visible to contest officials. The template on the State Shooting Sports website shall be used; it includes Current Year, 4-H Member Name, Guardian Signature, 4-H Agent Signature, age categories (to be marked as 4-H Age) and the 4-Her's current picture.
10. For participants in a 4-H Shooting Sports Education event, the following dress code applies:
 - a. All shirts must have sleeves no more than three inches above the elbow. Shirts must cover midriffs.
 - b. No clothing with vulgar or suggestive language, tobacco, or alcohol, racist or sexist comments allowed.
 - c. Shorts must be at least mid-thigh length. Skirts must be ankle length.
 - d. In accordance with National Shooting Sports guidelines, any participant while on the shooting line or shooting in any outdoor shooting event is required to wear shoes that completely cover the feet. Examples of footwear that are not acceptable include, but not limited to: sandals, clogs, crocks, flip-flops and bare feet.

Participants and any other attending 4-H-er's are continually required to promote a positive image of the 4-H program by adhering to this dress code while in attendance at any shooting sports education event. Multiple or egregious offenses by a county could have them disqualified from the State 4-H Shooting Sports Education contest. All attendees/spectators will dress conservatively reminded that this is a family activity, and that modesty and decency are required. No vulgar or promiscuous clothing will be tolerated. Alcoholic beverages are prohibited at ALL events and on the grounds. Profanity, racist and sexist remarks will not be tolerated. Attendees/spectators will be asked to leave the event or change clothing if they are not compliant with these requirements.

11. No tobacco or alcohol products or e-cigarettes/vapor cigarettes shall be used by any participant in a 4-H Shooting Sports Education event.
12. Poor conduct by a participant, spectator or volunteer at the contest will be grounds for immediate disqualification and/or ejection by the range officer, and/or the 4-H State Shooting Sports State Specialist. This includes, but is not limited to, poor sportsmanship, inappropriate language, and confrontations with any 4-H Shooting Sports Education Contest Staff or other participants.
13. In the spirit of 4-H sportsmanship, safe and appropriate behavior is expected of all participants, coaches, volunteers, and spectators at 4-H Shooting Sports Education events at all times.
14. Participants and coaches are responsible for understanding the procedures used in each event and complying with the rules and standards of the event. Learning the rules of the events is part of the educational process for shooting sports participants; the intent is to aid shooters rather than entrap them. Any participant showing an extreme lack of understanding of rules or procedures will be considered a safety violation and could be asked to leave the line. Ignorance of the rules is not a valid excuse.



15. All ranges will be set-up in the interest of safety and practicality.
16. The range officers and/or State 4-H Shooting Sports State Specialist reserve the right to make exceptions to the rules when necessary for safety reasons.
17. There will not be any open practicing before or after the contest.
18. All firearms or bows brought to 4-H Shooting Sports Education events shall be carried to the range and away from the range, to or from automobiles or other secure areas, in a case, blanket case, box or other object that completely encases the firearm or bow. Arrows must be carried in a quiver or other suitable container. Holsters are not acceptable cases.
19. All firearms or bow cases are to remain closed until designated to be opened by a Range Officer.
20. All firearms will be unloaded at all times with action open until the command to “LOAD” is given by the Range Officer.
 - a. The use of Clear Barrel Indicators (CBIs) made of fluorescent orange (recommended color) or a similar bright colored material and long enough to visibly protrude from both the breech and muzzle when inserted in the bores is mandatory in all .177 and .22 caliber rifles and pistols where possible. CBIs shall be inserted before a rifle or pistol is brought to the range or when it is removed from a gun case on the range under the supervision of the range officer. CBIs may only be removed during preparation, firing and change-over periods. When a stage of fire is completed, a CBI must be inserted, and the firearm must be grounded. CBIs must remain inserted after cleared firearms are removed from the firing line and as long as the firearm remains on the range. CBIs may be removed when firearms are replaced in gun cases.
21. Firearm ammunition must be provided by the participant. All participants must use ammunition designated under event rules for your specific event. Use of ammunition not so designated will result in disqualification.
 - a. Each archer will bring seven arrows to the shooting line. If their quiver will not hold seven arrows, then additional arrows will be placed behind them at the line. Arrows are to be kept in a quiver until the command is given to nock an arrow.
 - b. Counties are responsible for each participant having necessary equipment at their assigned shooting time.
22. All participants in firearm events must wear ear and eye protection (.177 Rifle, BB and Air Pistol participants' eye protection only) Participants will not be permitted to shoot if safety protection is not being used correctly.
 - a. Normal corrective lenses constructed of impact resistant materials may be used. Polycarbonate lenses are preferred. ISU (UIT, MEC) shooting glasses may be used only if the lens system for the shooting eye has no more magnification than the shooters normal prescription and is large enough and properly situated to provide adequate protection to the shooting eye and an impervious shield for the non- shooting eye is firmly attached to the frames to provide adequate protection for the non-shooting eye.
 - b. Only sound reducing devices may be used on the firing points and the area immediately behind the firing points during preparation and competition periods. Radios, tape recorders, Walkmans, iPods, cellular phones or other types of sound producing or communications systems, including timers that beep or make audible sounds may not be used in these areas during preparation and competition periods. Sound producing and communications systems may be used in the spectator and ready areas if they do not disturb participants on the line.



23. Shooting jackets, mitts and gloves can be used, except in .22 Sport Rifle and Air Sport Rifle (see event rules for .22 Sport Rifle and Air Sport Rifle).
24. The equipment entered in a competitive event must meet the specifications for the equipment in that event. (for example: .22 caliber pistol may NOT be use in a .22 Rifle event)
25. Horseplay will not be tolerated and may result in disqualification for the day.
26. The Range Officer shall have the authority to remove any participant, firearm or bow from the firing line for any unsafe equipment, practices, rule violations, unsportsmanlike conduct or using bad or foul language. Ignorance of the state rules is not an acceptable excuse.
27. Because all our range officers and target scorers are volunteers (many with their own county programs), courtesy and patience on the part of contestants, coaches and parents are essential. Unsportsmanlike behavior will not be tolerated and will result in elimination of participants.
28. Any participant disqualified for a safety violation will be disqualified from all events that day.
29. A spotting device may not be used by anyone to coach a participant while on the firing line at 4-H Shooting Sports Education contests.
30. Participants/Spectator's cell phones must be on vibrate/silent or mute, and should not be heard by competitors, range officers, or tournament staff on or near the firing line during competition. Car alarms should be turned off if possible.
31. No hand-held radio communications will be allowed on state contest grounds except for State Contest officials. Anyone caught will cause their entire county to be disqualified for that day.
32. Assistance is permitted on the firing line only in the following 4-H Shooting Sports Education contest events:
BB. Air Rifle and Air Pistol.
 - a. Coaching is not permitted in any 4-H Shooting Sports Education contest. Assistance is permitted at 4-H Shooting Sports Education contest only in the 9-11 age group or when a participant has a physical condition making it necessary. In all other 4-H Shooting Sports Education contests, no coach, leader, spotter, or other person may accompany or assist the participant while the match is in progress.
 - b. In Black Powder, an individual range officer will be assigned to each shooting point.
33. All decisions on turned in targets or score sheets by the score keeper, range officer and referee are final. Printed labels or legible writing must be completely filled out and placed on backs of targets or they will be disqualified.
 - a. Disciplines requiring target labels are BB Rifle, Air Sport Rifle, Air Target Rifle, .22 Sport Rifle, .22 Target Rifle, .22 Pistol, Air Pistol, Black Powder Percussion Rifle, Black Powder Flintlock Rifle, Black Powder Pistol.
 - b. Information on the label must include:
 - i) Name
 - ii) Age group
 - iii) County
 - iv) Registration number
 - v) Position



- vi) Discipline
 - c. The number of targets used, and labels needed, for each discipline are:
 - i) 3 targets – BB Rifle, Air Sport Rifle, Air Target Rifle, .22 Sport Rifle, .22 Target Rifle
 - ii) 4 targets - .22 Pistol, Air Pistol
 - iii) 1 target – Black Powder Pistol, Black Powder Percussion Rifle, Black Powder Flintlock Rifle
34. Any 4-H Shooting Sports Education Contest regulation will supersede all National Association Rules, but where no 4-H rule has been established by the State Advisory Group, National Rules of the respective association shooting sport will apply.
- a. NRA small bore rules shall govern rifle and pistol matches
 - b. Amateur Trap Association Rules shall govern the trap matches
 - c. NRA BB rules shall govern the BB matches
 - d. National Muzzle Loading Association Rules shall govern black powder matches
35. All individual tie scores shall be broken by governing rules of all National Associations, i.e. NRA, N.F.A.A., except trap and archery. Trap ties will be broken as outlined by rule 18 under the trap section of the Kentucky Shooting Sports Education rules. Archery ties will be broken as outlined by rule 6 under the archery section.
- a. Regarding all Team Ties for Saturday Shooting Events:
 - i) Team with the highest individual score, then the second highest individual score and etc.
 - b. Regarding all Team Ties for Saturday Shooting Events, accept Archery:
 - i) Team with the highest individual score, then the second highest individual score and etc.
 - ii) If the teams are still tied, look to the governing body rules.
36. In case of an individual/team shoot-off, all original members must be present and participate in the shoot-off or they will forfeit their placing.
37. Any appeals regarding a score must be done during the challenge period. The challenge period will begin when the score is entered at the scoring building. The protest period will end when scores are being reviewed to determine the winners in each discipline. Any appeals of cross fires must be done before leaving the line. Appeals are to be made to the scorekeeper and range officer. Only a coach or their representative may review the target after scoring. For each target challenged the county will be charged a \$1.00 non-refundable fee. The proceeds will benefit the KY 4-H Shooting Sports Program.
38. Targets and scorecards will not be posted and will not be available. Scores will be posted to the extent possible.
39. After the challenge period concludes, the targets will be stored for one year for future reference.
40. Protests regarding violations of any written state rule must be made to a range officer or any range assistant as quickly as possible following the violation and prior to the completion of that round of firing. Only the member or a volunteer coach actively involved in the county 4-H program may protest or seek rule clarifications. If the judgment is not satisfactory to the complainant, then an appeal can be carried forward.
41. Any appeals on rule violations or rule clarifications (failure to be knowledgeable of current year rules is not justifiable as basis for an appeal) must be presented to a member of the state grievance committee or the central office for the state contest, no later than one hour following the decision of the range officer. Only a volunteer coach actively



involved in their 4-H Shooting Sports Education group in the county 4-H program may appeal a judgment or clarification by range personnel to the state grievance committee.

42. Where impasses are met, or rule judgments made at the ranges are appealed, a panel of judges composed of KY 4-H State Shooting Sports State Advisory Group members along with the state 4-H Shooting Sports Specialist will serve as members of the grievance committee. Findings of this grievance committee are binding and final.
43. Any county, area, regional or state shooting event using the 4-H name or emblem, must have prior written approval from the agent or agents involved in the county or counties of the group sponsoring the event. All 4-H shooting events must abide by the rules outlined in this document.
44. Counties are encouraged to send 4-H members with disabilities to participate in 4-H Shooting Sports Education events. These members must shoot under all existing standards, and the county must determine that the members can participate in the contest without endangering themselves or others.
45. Pets will not be permitted on the grounds of 4-H Shooting Sports Education events except those under leash control of the owner. Any pet running free will be impounded and removed from the grounds.

DISCIPLINE SPECIFIC RULES

TRAP

1. Trap participants are to have their own firearm and equipment present and ready when called to the line. No passing of guns or equipment allowed on the line.
2. Trap contest will use the following guidelines:
 - a. Each age group will divide into two separate divisions labeled Division I and Division 2.
 - b. Participants will be allowed to enter only one division within their age group and will compete for award placement only within that age group and division.
3. Event age divisions are 9-11, 12-14, and 15-18.
4. All age groups (9-11, 12-14, 15-18) will fire from the 16-yard line.
 - i) Age 9-11 Division 1 will fire 25 scoring shots
 - ii) Age 9-11 Division 2 will fire 50 scoring shots
 - iii) Age 12-14 Division 1 will fire 50 scoring shots
 - iv) Age 12-14 Division 2 will fire 100 scoring shots
 - v) Age 15-18 Division 1 will fire 50 scoring shots
 - vi) Age 15-18 Division 2 will fire 100 scoring shots

One sighting target will be thrown. Each participant will then fire at one practice target which will not be entered for a score. There will then be 5 scoring shots fired from each station. Participants will then return to the gun rack, rack their guns, and retrieve their next box of shells. They will get their guns and return to the station from which they originally started. There will be one sighting target thrown. The participants will then fire 5 scoring shots from each station completing the 25/50/100 scored targets.

5. Targets must have a visible piece broken from it or reduced to dust to be scored as broken.

Cooperative Extension Service

Agriculture and Natural Resources
Family and Consumer Sciences
4-H Youth Development
Community and Economic Development

MARTIN-GATTON COLLEGE OF AGRICULTURE, FOOD AND ENVIRONMENT

Educational programs of Kentucky Cooperative Extension serve all people regardless of economic or social status and will not discriminate on the basis of race, color, ethnic origin, national origin, creed, religion, political belief, sex, sexual orientation, gender identity, gender expression, pregnancy, marital status, genetic information, age, veteran status, physical or mental disability or reprisal or retaliation for prior civil rights activity. Reasonable accommodation of disability may be available with prior notice. Program information may be made available in languages other than English. University of Kentucky, Kentucky State University, U.S. Department of Agriculture, and Kentucky Counties, Cooperating. Lexington, KY 40506



Disabilities
accommodated
with prior notification.

6. Required Ammunition: Factory ammunition only, no reloads, no shot charge heavier than 1 1/8 ounces, no loads other than lead shot, no shot sizes larger than 7 1/2, no tracer or tracking ammunition.
7. **No competitor shall rest the muzzle(s) of a shotgun or any other firearm on a shoe, toe pad, or similar device such that the muzzle points at any part of an individual's body. Only magnetic muzzle pads are allowed as long as pad is placed on the ground.** No resting or carrying of shotguns over/on the shoulder will be permitted.
8. A shell bag, shell pouch, shell apron, shell vest or jacket is required to contain all live ammunition while on the line. No carrying boxes or similar devices to the line.
9. Shotgun shells must be in the original containers (box) when reporting to range officers.
10. Any participant who is not present and ready to go to the line when called by the range officer will be disqualified. Range instructions and equipment inspection will begin prior to the start of your assigned squad and before the completion of the current squad on the line. This will allow each squad to begin without delay. Participants will be assigned and scheduled to squads; however squads will not be given scheduled times other than those assigned to ranges at the beginning of the event. Each squad will begin immediately after the finish of the previous squad. It is the responsibility of each participant to know what range he/she has been assigned to and to monitor the progression of the range and be present well in advance of their assigned squad so there will be no delay.
11. No shotgun chambered larger than 12 gauge will be allowed. Guns of smaller gauges are permissible. Placement of awards will be based on scores within each division only. No recognition different gauges within the division will occur.
12. All guns will have the action open and contain no live or empty shells at any time, except when the participants are at their post on the firing line facing the trap. Participants must remove live or empty shells before moving or leaving their post.
13. No guns capable of chambering more than one gauge at a time will be allowed on the line unless unused chamber is plugged with snap cap. See Shotgun - Rule 15. (Example chambering a 12 gauge and 20 gauge shells at the same time.) Any changes or adjustments necessary to a firearm must be done on the range under the supervision of the range officers. Firearms must be uncased in the presence of the range officials. Uncased firearms by anyone (parents, coaches, or participants) in any other area are a disqualification.
14. Any participant who carries shells of more than one gauge to the line or shells of a gauge other than the firearm they are shooting will automatically be disqualified.
15. Snap caps or recoil reduction devices will be allowed if they are colored safety (blaze) orange to permanently identify them as not being a live or empty round.
16. No release triggers will be allowed.
17. **All guns used by contestants must be equipped, fitted, and utilized (i.e. shell catcher) so as not to eject empty shells in a manner that substantially disturbs or interferes with other contestants.**



18. Ties will be broken as follows:

- a. **Individuals: two shots from posts 1 through 5 from the following yardages per age group, 9-11: 17 yard line, 12-14: 19 yard line, 15-18: 21 yard line. (Refer to ATA rule book pages 14-15 for shooter positioning). If after one round the tie still exists, all remaining participants will move back an additional 2-yard handicap and repeat until ties are broken. Shoot-offs will not exceed the 27-yard line.**
- b. **Team: two shots from posts 1 through 5 from the following yardages per age group, 9-11: 17 yard line, 12-14: 19 yard line, 15-18: 21 yard line. (Refer to ATA rule book pages 14-15 for shooter positioning). If after one round the tie still exists, all remaining participants will move back an additional 2-yard handicap and repeat until ties are broken. Shoot-offs will not exceed the 27-yard line.**

RIFLE & BB

1. Event ages for BB, .22 Rifle and Air Rifles are 9-11, 12-14 and 15-18 years' old
2. 22 Sport Rifle Division Equipment:
 - a. Rifle must be capable of loading one shot at a time.
 - b. Any bolt action .22 caliber rifle allowed.
 - c. Open sights only (no micrometer or peep sights allowed).
 - d. Uncovered front post sight.
 - e. No shooting jackets or vests, slings, gloves, mitts, barrel weights or similar aids allowed.
3. .22 Target Rifle Division Equipment:
 - a. Rifle must be capable of loading one shot at a time.
 - b. Any bolt action .22 caliber rifle allowed.
 - c. Any type iron sight accepted. No scopes, laser sights. Illusion dots or optics allowed.
 - d. Shooting coats, mitts, gloves, slings, etc. accepted
 - e. Adjustable or non-adjustable stocks permitted.
4. Required Ammunition for
 - a. Rifle:
 - i) Rimfire cartridge .22 short, long or long rifle
 - ii) Overall length not more than 1.1 inches
 - iii) Hollow points, tracer incendiary or explosive NOT PERMITTED.
 - iv) Factory load required.
 - b. .177 Rifle:
 - i) Flat-nosed pellets
5. .22 Target Rifle, .177 Air Rifle and BB will fire 10 scoring shots from each of the three positions (prone, sitting/kneeling and standing in that order) for a total of 30 scoring shots. Two sighting shots will be allowed in the prone position. These two shots will not be scored. .22 Sport Rifle will fire 5 scoring shots from each of the three positions (prone sitting/kneeling and standing in that order) for a total of 15 scoring shots. Two sighting shots will be allowed in the prone position. These two shots will not be scored.



6. In .22 Target Rifle, .177 Air Rifle and BB each relay will be allowed a maximum of 10 minutes to complete shooting 10 rounds, including sight-in shots in prone shooting position, except for standing position which will be allowed a maximum of 15 minutes. In .22 Sport Rifle each relay will be allowed a maximum of 5 minutes to complete shooting five rounds, including sight-in shots in prone position, except standing position, which will be allowed a maximum of seven minutes thirty seconds.
7. .22 Rifle competition will be divided into two divisions. A participant may enter each event which makes them eligible for only one other event.
8. .22 Rifle Range will be 50ft. with an NRA A-32 target for Sport Rifle and an NRA A-17 target for Target Rifle.
9. A participant may only shoot a .22 caliber bolt action rifle. The gun must be rendered incapable of loading more than one shot at a time. On a tube type bolt action rifle the inner tube must be removed and the outer tube will be checked.
10. Air Rifle competition will be divided into two divisions. A participant may enter each event which makes them eligible for only one other event.
11. Air Sport Rifle Division Equipment:
 - a. Any type of .177 caliber rifle allowed.
 - b. No shooting jackets or vests, slings, gloves, mitts, barrel weights set triggers, thumb hole stocks, thumb rests, palm rests, heel rests, hooked butt plates, spirit levels, or similar shooting aids allowed. An adjustable butt plate is allowed but may not be adjusted during competition and must remain fixed in place for all positions.
 - c. Length of stock and height of the cheek piece may not be altered or changed during the course of fire.
12. Air Target Rifle Division Equipment:
 - a. Any type of .177 caliber rifle allowed.
 - b. Shooting coats, mitts, gloves, slings, etc. accepted.
13. .177 Air Rifle must be a 10 meter 33 feet range with a NRA AR 5/10 Target.
14. Air Rifles may be pump-up type, CO2 type or compressed air.
15. All air and pump rifles must be loaded one at a time.
16. Air Rifles may have peep sights or open sights (no scopes or laser sights).
17. BB Rifles will be a five meter 16 feet 4 inches range with AR 4/10 Target.
18. BB Rifles may have peep sights or open sights (no scopes or laser sights).
19. BB participants can only use those guns that are single cocked, no pump guns.



20. .22 Target Rifle, BB Rifle and .177 Air Rifle may be supported by a sling, in the prone, sitting/kneeling position. The sling must be in the parade position or taken off of the rifle in the standing position.
21. All rifles must use a two hand, one shoulder support when shooting firearm. A finger touch is not a hand support. No part of the rifle may rest upon any part of the body except the hands (palm) and shoulder.
22. Shooting mats in .22 Rifle, Air Rifle and BB Rifle are recommended but not required.
23. Regarding breaking ties in BB, Air Rifle, and .22 Rifle Disciplines:
 - a. the highest score of the standing position, working back by each position, until the tie is broken.
 - b. the highest number of 10's, 9's, 8's and etc.
 - c. if remains tied, will refer to the governing body (NRA BB Gun Rules, NRA Smallbore Rifle Rules, NRA Sport Air Rifle Position Rules)

PISTOL

1. Event ages for Air Pistol are 9-11, 12-14 and 15-18 years old. .177 Air Pistol or CO2 Pistol will fire on a 33 feet range at Target **B-16 RC**.
2. Event ages for .22 Pistol are 12-14 and 15-18 years old. .22 Pistol/.22 calibers will fire on a 33 feet range at Target **B-16 RC**.
3. .22 Pistol and Air Pistol participants will fire 3 scoring targets with five shots each. Three sighting shots will be permitted before scoring begins. .22 Pistol and Air Pistol will be allowed a maximum of five minutes to complete five rounds. Three minutes will be allowed for three sight-in shots. Two-handed hold is permitted. All shots are fired from standing position with no support.
4. Any type of .22 Pistol is allowed with a maximum barrel length of 10 inches.
5. Required Air Pistol ammunition is flat nosed .177 pellets.
6. Required .22 Pistol ammunition:
 - a. Rimfire cartridge .22 short, long, or long rifle
 - b. Overall length not more than 1.1 inches
 - c. Hollow points, tracer incendiary or explosive **NOT PERMITTED**
 - d. Factory load required.
7. Eye and Ear protection will be required at the .22 Pistol Range.
 - a. Only eye protection is required at the Air Pistol Range.
8. Pistol Division Equipment:
 - a. Open sights only
 - b. Glow dots or stick sights are allowed
 - c. Counterbalances and/or any type of weight system is not allowed.



9. Breaking Ties in .22 and Air pistol:
 - a. Value of "X" - In all matches where the X's are scored, an X is a hit of highest value.
 - b. Ties will be ranked by applying the following steps in the order listed below:
 - i) By the greatest number of X's.
 - ii) By the fewest misses outside of the 10's ring.
 - iii) By the fewest hits of lowest value.
 - iv) By the fewest hits of the next lowest value, etc.
 - v) By the highest-ranking score in the last string, by highest ranking score in the next to last string, etc.
 - vi) If still tied, then refer to governing body. (NRA Pistol Rules)

ARCHERY

1. Event ages for Archery are 9-11, 12-14 and 15-18 years old. Official indoor NFAA (National Field Archery Association) Target 20 yard, 16-inch x 16-inch or 5 spot targets shall be the official targets.
2. When a participant selects a target, whether it be single or five spot, they shall continue to shoot that target throughout the competition.
 - a. 5 Spot Targets – One (1) arrow in each of five (5) spots. Two (2) or more arrows in same one (1) spot will result in higher scoring arrow(s) being LOST.
3. The Archery division shall consist of five separate competitive classes:
 - a. Bowhunter Class:
 - i) Equipment allowed: stationary pins, release may be used, the length of the stabilizer cannot exceed twelve inches as measured from the factory point of attachment, hunter style sights with multiple factory pins that are adjustable without tools in elevation and windage only.
 - ii) Equipment NOT allowed: back bars, v-bars, scopes, illusion rings, laser sights, shafts or points larger than .366 inches, sliders, or single pins sights. NO sight adjustments allowed.
 - b. Target Compound Class:
 - i) Equipment allowed: micrometer (click) or adjustable sights with or without scopes (no restriction on magnification), release may be used, any stabilizer, any diameter shaft permitted, no illusion rings or lasers.
 - c. Target Recurve Class:
 - i) A Recurve bow defined as a bow of any type provided it complies with the common meaning of the word "bow" as used in target archery, that is, an instrument consisting of a handle/riser and grip, (no shoot-through type) and two flexible limbs each ending in a tip with a string nock. The bow is braced for use by a single string attached directly between the two string nocks, and in operation is held in one hand by its handle (grip) while the fingers of the other hand draw and release the string.
 - ii) Equipment allowed:
 - (1) Adjustable arrow rest, pressure button
 - (2) A bow sight is permitted, but at no time may more than one such device be used. No peep sight, no extra markings on string that can aid in aiming. It shall not incorporate a prism, magnifying lens/lenses, or any magnifying device, levelling, electric or electronic devices. Nor shall it provide for more than one sighting point.
 - (3) The overall length of the sighting circle or point (hood, tunnel or tube, sighting pin or other corresponding extended component) shall not exceed 2cm in the line of vision of the youth. Long fiber optic pins must



bend after 2cm with the opposite end of the fiber optic pin outside of the youth's line of vision.

- (4) A sight attached to the bow may have windage and elevation adjustment and is subject to the following provisions:
 - (a) A bow sight extension is permitted;
 - (b) A scale and or tape with distance marking may be mounted on the sight as a guide for distance markings but shall not in any way offer and additional aid.
 - (5) Stabilizers and vibration dampeners on the bow are permitted. They may not:
 - (a) Serve as a string guide
 - (b) Touch anything but the bow
 - (c) Represent any danger or obstruction to other youth on the line
 - (6) Finger protection in the form of finger tape, shooting glove (wrist strap allowed), finger tab or a combination of finger protection to draw and release the bowstring is permitted, provided they do not incorporate any device that assists the youth to draw and release the bowstring.
 - (a) No mechanical releases.
 - (b) Finger protection may incorporate an anchor plate for anchoring, thumb or finger rests for non-drawing fingers, finger straps around fingers to secure finger protection to the hand, finger separator between fingers to prevent pinching the arrow, tab plate(s) for securing tab materials/layers together and plate extension for consistent hand placement may be used.
 - (c) Finger protection may be made of any number of layers and material.
 - (d) No part of the finger protection may extend around the hand between thumb and fingers or beyond the wrist joint or restrict wrist movement.
 - (e) On the bow hand an ordinary glove, mitten or similar item may be worn but shall not be attached to the grip of the bow.
 - (7) Arrows may not exceed 9.3mm in diameter
- d. Compound Bare Bow Class
- i) Equipment allowed: Bare fingers, gloves, or tabs
 - ii) Equipment NOT allowed: Release aids, stabilizers, marked strings or bows, sights or walking of the string.
- e. Bare Recurve/Long Bow Class
- i) Equipment allowed: Bare fingers, gloves, or tabs
 - ii) Equipment NOT allowed: release aids or sights, stabilizers, marked strings or bows, walking of the string.

4. Participants will shoot five arrows at three targets. There will be a 5-minute time limit at each distance.

- i) 9-11 age group will shoot at a distance of 10 yards, 10 yards & 15 yards.
- ii) 12-14 age group will shoot at a distance of 10 yards, 15 yards & 20 yards.
- iii) 15-18 age group will shoot at a distance of 15 yards, 20 yards & 25 yards

Two sighting shots will be permitted at **each** distance for the age group before scoring begins. If a participant shoots more than five arrows at one station, the result will be the loss of the highest scoring arrow/arrows, plus a one point deduction for each arrow shot over five.

5. The NFAA Whistle System will be in effect for 4H contests.

- i) Upon two blasts of the whistle: the participant will straddle the shooting line with the lower limb of the bow resting on the toe of the foot closest to the target. No arrows are to be removed from the quiver until one blast is made at which the participants shoot the five arrow end. After shooting, each participant will move back from the shooting line indicating they have completed that end.



- ii) Upon three blasts of the whistle: the participant is to move to their target but cannot remove their arrows until told to do so by an official scorer.
 - iii) Upon four or more blasts of the whistle: there is a dangerous situation on the range and all participants are to quiver all remaining arrows immediately and step back from the shooting line. If at any time a participant sees a situation that they deem dangerous, they may yell “CEASE FIRE!” Then the range officer will give four blasts of the whistle. The participant may also raise their bow in the air to signal the range officer if they need help on the line.
6. Archery individual ties will be broken as follows:
 - a. Review the last **end** scores first, both numbers and X’s.
 - b. If still tied, review the middle **end** scores.
 - c. If still tied, review the first **end** scores.
 - d. If participants scores are still tied, then there will be a shoot off between the individuals consisting of complete rounds in their age category until the tie is resolved.
 7. In the event of a bounce-out, the competitor will be allowed to shoot another arrow. Only two re-shots allowed per **end**. **Definition of an “end” is five arrows shot per scoring session.**
 8. No back quivers allowed.

BLACK POWDER RIFLE (ANY CALIBER)

1. Event ages for Black Powder Rifles are 9-11, 12-14 and 15-18 years old. Five scoring shots shall be fired at 25-yard target bulls. National Rifle Association Target B-17 will be used.
 - a. The participant will be given 25 minutes for five scoring shots after the sighting period.
 - b. The participant will be permitted two sighting shots at the beginning of the competition only. There will be a five-minute period at the beginning of the match for sighting shots **ONLY**. When the range officer has given this command “This is for score. You may load and commence firing.” You may **NOT** shoot any sighting shots after you have shot for score.
2. Range officers shall inspect and approve all black powder rifles brought to the firing line. Any firearm deemed unsafe or not in compliance with these rules shall be disqualified. The participant may participate in the event when he/she presents the range officer with an acceptable firearm.
3. Flintlock and percussion can be used but will compete in separate classes.
4. Open iron sights, adjustable or fixed, shall be used on all rifles. Peep sights not permitted.
5. Only patched round balls shall be used.
6. No more than a maximum of 60 grains per shot shall be allowed.
7. Only Triple 7, Pyrodex RS, Select or P; and Black Powder in ffg or fffg granulation is permitted for percussion rifles. Flintlocks may use ffff as priming powder.
8. Scoring shots are measured from the center of the bullet’s hole in all black powder events. In the event of a



tie, winners will be determined by the greatest number of 10X's.

9. All shots shall be fired from the standing position. No supports shall be used.
10. Participants must furnish their own shooting supplies. Each participant is responsible for their own equipment including a firearm. No sharing of equipment on the line.
11. The use of patch knives is permitted. Any participant found to be using a patch knife in an unsafe manner by a range officer will be disqualified.
12. Each time a cap is fired a wet patch, followed by a dry patch, will be run through the bore. Wet patch cleaning between shots is required for safety purposes. No patch may be wet from the mouth.
13. Powder shall not be loaded directly from a powder horn or flask into any black powder gun in either the rifle or pistol events. A powder measure must be used.
14. All flintlock firearms must be loaded with the hammer down and the frizzen up.
15. The practice of blowing down the barrel after a shot is not permitted.
16. Range officers are not to instruct or coach participants on the line. Any participant who does not know how to properly load and use their firearm will be disqualified.
17. NMLRA rules shall be used in any situation not covered specially by 4-H Shooting Sports Education Rules.

BLACK POWDER PISTOL (ANY CALIBER)

- 1) Event ages for Black Powder Pistol must be 12-18, with age divisions 12-14 and 15-18 years old.
 - a) NMLRA Target TG2412 shall be used for five scoring shots fired at 25 yards.
 - b) The participant will be given 25 minutes for five scoring shots after the sighting period.
 - c) The participant will be permitted two sighting shots at the beginning of the competition only. There will be a five-minute period at the beginning of the match for sighting shots ONLY. When the range officer has given this command, "This is for score. You may load and commence firing." You may NOT shoot any sighting shots after you have shot for score.
- 2) Range Officers shall inspect and approve all black powder pistols brought to the firing line. Any firearm deemed unsafe or not in compliance with these rules shall be disqualified. The participant may participate in the event when he/she presents the range officer with an acceptable firearm.
- 3) Only open sights, either fixed or adjustable, are permitted.
- 4) Powders permitted are Triple 7, Pyrodex RS, Select and P; and Black Powder granulations of ffg and fffg. Flintlock pistols may use ffff only as a priming powder.
- 5) Only round balls can be used.
- 6) Each participant is responsible for their own equipment including a firearm. All participants are required to provide their own shooting supplies. No sharing of equipment on the line.



- 7) Only one chamber shall be loaded and fired on a cap 'n ball pistol. All participants are required to swab the barrel with a wet patch after each shot. No patch may be wet from the mouth. Each time a cap is fired a wet patch followed by a dry patch will be run through the bore. Loaded chamber must be covered by a Black Powder type sealant.
- 8) All flintlock firearms must be loaded with the hammer down and the frizzen up.
- 9) All shots are fired from the standing position. Participants may use one or both hands.
- 10) Range Officers are not allowed to instruct or coach participants on the line. Any participant who does not know how to properly load and use their firearm will be disqualified.
- 11) Any type of Black Powder Pistol is allowed with a maximum barrel length of 12 inches.

