

BB GUN RULES
MISSOURI 4-H SHOOTING SPORTS PROGRAM

1. Match Day shooting is pre-scheduled. 4-H shooters are assigned to a designated relay at a specified time. The schedule will be mailed to participants and posted on the web site. Shooting times are estimated so please be at the check-in table 30 minutes prior to the designated time.
2. Age Divisions
 - a. Junior (ages 8-10) - prone position only.
 - b. Intermediate (ages 11-13) - 3 positions.
 - c. No Senior Competition
3. Intermediate age participants will shoot 3 positions and in the following order:
 - a. Prone, 10 rounds for score (1 per bull)
 - b. Standing, 10 rounds for score (1 per bull)
 - c. Kneeling, 10 rounds for score (1 per bull)

Definition and pictures of the 3 positions are included with these official rules. Both Air Rifle and .22 Rifle positions are acceptable.

4. **Target:** AR 4/10 – (12 bull target) 10 bulls for score, 2 bulls for sight in. **Target Height:** Targets will be positioned at a uniform height for all firing points. Prone – center of target 16" (+/-4") above ground level; Kneeling - minimum of 30" (+/- 4"); Standing - maximum of 50" (+/-4") above ground level.
Target Distance: 5 meters (16 ½ feet).

5. Equipment:

- a. BB Gun – Any shoulder held smoothbore BB gun with metallic sights, in which the propelling force is developed through use of a compressed spring, gas, or compressed air.
- b. Stocks – Factory stocks may be altered in length. When shortening or lengthening a stock the butt must be identical to the original. However, the butt may be roughed, checkered, or scored to provide a non-slip surface. No other modification is allowed. Material such as sandpaper, emery paper, adhesives, rubber or rosin may not be added to any portion of the stock or forearm.
- c. External modifications – except as noted for stocks, the only modification can be a single layer of tape or non-glare paint may be placed on the barrel for the purpose of reducing glare.
- d. Weight Limit – Weights may be added internally to either the fore-end or the butt of the stock. No weights may be added to the shot tube or barrel. The total weight of an unloaded BB gun may not exceed 6 lbs. excluding the sling.
- e. Sights – Aperture or open sights are permitted. Fiber optic or "hi-viz" sights are permitted. Optical or optically assisted (telescopic) sights are NOT permitted. Sights projecting an image (laser) are NOT permitted.
Sight modifications may be made only as follows:
 - 1) Metallic receiver sights from any manufacturer may be substituted for factory sights
 - 2) Adjustable rear-apertures with eye cups are not permitted. A blinder for the non-shooting eye may be attached to the rear sight.
 - 3) A hooded front sight with interchangeable inserts may be used, however, no portion of the front sight may extend past the end of the barrel
- f. Slings – Slings not exceeding 1 ¼ inches in width with moveable keepers are permitted. Sling cuffs and pads are prohibited. Slings are to be attached to the BB gun at a fixed attachment point on the forearm. No other type of adjustable sling attachment is permitted.
Slings cannot be used for the Standing position.
- g. Kneeling Roll – Not more than 9.84" long (25cm), 7.08" (18cm) diameter, made of soft and flexible material is permitted.
- h. Spotting Equipment – permitted (not provided)
- i. Clothing – Ordinary sports or casual clothing, suitable for the prevailing weather must be worn. No special "shooting" pants, vest, jackets, gloves, padding, etc.

6. **Ammunition:** Each shooter must provide their own BBs. No ammunition will be provided.
7. EYE PROTECTION IS REQUIRED for the shooter and any coach or assistant on the firing line and must be provided by the shooter.
8. Coach/spotter: One coach or spotter must accompany each Junior Age Division shooter to the firing line. A coach/spotter may accompany an Intermediate-age shooter to the firing line. See General Rule #7 for guidelines.
9. Sight-in shots: 3 sight-in shots permitted at each target change. Two minutes maximum time allowed for sight in.
10. Record Shots - Time limit is 1 minute per shot. (10 minutes per target)
 - a. Each shooter must start and finish each target within the allowable time, except in the case of equipment failure. A shooter whose equipment has failed must notify the Chief Range Officer and will be allotted 20 minutes to repair equipment. If the equipment repair is allowed, the shooter will be excused from the current relay and range officials will re-schedule shooters for a later relay.
 - b. All shots fired before equipment failure will count toward score. If equipment is not repaired or replaced within allotted time; or shooter cannot make the re-scheduled relay, the shooter must take score before equipment failure.
11. Scoring:
 - a. When the shot hole cuts or touches the edge of bulls-eye or scoring ring of a target it is given the higher value.
 - b. CROSSOVERS: (shots on another shooter's target)
The person crossing over will lose the score on that round. The target crossed onto will be scored for the highest point total. Shooters should immediately notify the range officer when a cross-over is suspected OR a neighbor's cross over may penalize the shooter.
 - c. Excessive shots – If a shooter through their own mistake shoots more than the required number of shots on a target and/or bull, he/she will be scored with the required number of hits of lowest value AND, in addition, lose one penalty point per extra shot fired.
 - d. For purposes of this match only, any shot scoring a 10 will be considered and recorded as an "X".
 - e. Tie scores will be broken by the highest number of "10" or "X" scores recorded. Then if needed by the highest number of "9" scores, then "8", etc. until tie is broken.
 - f. Shots in dispute shall be scored with the aid of a "plug" type gauge. The plug gauge may be inserted only once. Two scorers will evaluate the shot and indicate their decision by writing a "+" or "-" on the target indicating higher or lower value AND then initial it. No challenge can be made for shots marked appropriately, as a hole can be plugged only once.
12. County teams are determined by the top 3 scores within the event/class. Counties with fewer than four shooters registered per age group will not be eligible for the team award. All shooters will be eligible for the high individual award. Shooters may not advance to next age group to fill a team.
16. For safety consideration, all participants will abide by range rules or they may be disqualified. Second chances may not be offered. Enforcement of these rules is the responsibility of each Line Officer.
17. NRA BB Gun rules book (CC16410) will address any rules not covered by state shooting sports rules. Rules can be viewed online and downloaded:
<http://compete.nra.org/documents/pdf/compete/RuleBooks/Bbgun/bb-book.pdf>

No awards will be presented the day of competition. All awards will be sent to the county extension office.

POSITIONS - RIFLE



Prone: Body extended on the ground, head toward the target. The rifle will be supported by both hands and one shoulder only. No portion of the arms below the elbows shall rest upon the ground or any artificial support, nor may any portion of the rifle or body rest against any artificial support. The forearm supporting the rifle shall form an angle with the line from the point of the elbow contact, to the target of not less than 30 degrees. (Measured through the axis of the forearm.)

Kneeling: Buttocks clear of the ground, but may rest on one foot. The rifle will be supported by both hands and one shoulder only. The elbow of the trigger arm will be free from all support. One knee must be touching the ground or shooting mat. A roll, as described in Rule 3.14 of the NRA, rules may be placed under the instep provided the foot is placed toe down at an angle not greater than 45 degrees from the vertical. Only the trousers and underclothing may be worn between the shooters buttocks and heel. The jacket or other article may not be placed between these two points. (Elbow is defined as above)

If the kneeling role is not used, the foot may be positioned at any angle, to include placing the side of the foot and the lower leg to contact with the ground.



Standing: Erect on both feet, no other portion of the body touching the ground or any supporting surface. The sling cannot be used. The rifle will be supported by both hands and one shoulder only. The elbow or upper arm may be placed against the body or rested on the hip.

