

# ILLINOIS STATE SHOOTS

## ARCHERY RULES

- For SAFETY and consideration to others, ALL PARTICIPANTS WILL ABIDE BY ACCEPTED SAFETY RULES AND ALL SPECIFIC RANGE AND EVENT RULES OR THEY WILL BE DISQUALIFIED. Enforcement of these rules is the responsibility of the Range Officer and Range Master.

**1. Equipment: Bows and Accessories** – (for all archery events) All types of bows (except foot-bows and crossbows) are permitted, i.e., long bows, recurve, takedown, stick bows, and compound bows.

- a) Maximum peak draw weight - 60 pounds.
- b) String peeps, sight pins, and optical sights without magnification are permitted (except for traditional recurve). Sights that project a laser image onto the target are not allowed.
- c) Stabilizers – any length, no restrictions.
- d) A mechanical releases will be allowed in Compound archery events; for all other shooting events the use of fingers, finger tab, shooting glove is permitted. A chew strap may be used in place of fingers when applicable.
- e) **All bows are to be in a case of some sort prior to being called to the line. Recurve bows are to be brought unstrung and will be strung when on the line. Bows not being used will be cased and kept in the staging area prior to being called to the firing line.**

**2. Equipment: ARROWS** - (for all archery events)

- a) All arrows shall be equipped with target or field points. NO HUNTING POINTS.
- b) Point must be the same size as the shaft or only slightly over size. External inserts are allowed. If unsure whether your arrows meet the requirement, please check with meet officials prior to the event.
- c) Shafts - aluminum, fiberglass, graphite, carbon, and other manufactured and commercially available shafts are allowed.
- d) A minimum of 8 matching arrows (same length, weight, shaft & fletching color) is recommended. More is better as arrows can be damaged or lost during competition.

**3. A quiver is required** and must be used by each archer. Arrows will not be permitted to lie on the ground. Hip mounted quivers are preferred; bow mounted or portable/ ground (arrow tube) quivers are permissible.

**4.** Equipment (upon the decision of the Range Officer/s) will be inspected and approved prior to shooting.

**5.** Shooters will straddle the firing line for FITA event

**6.** All shooters will start and finish each end during the scoring period allowed except in the case of equipment failure. A shooter whose equipment has failed must notify a range officer and will be allotted 20 minutes for repair. The archer will be allowed to shoot any arrows not completed - after the final end. One practice end (5 arrows) will be allowed after the repair is completed and before scoring continues. If equipment is not repaired within allotted time, the shooter must take score before the equipment failure. NOTE: Lost or broken arrows will not be considered equipment failure; bring adequate number of arrows.

### **8. Scoring**

Awards will be given for both individual and county teams in compound and recurve divisions. A county team will comprise of any county with a minimum of two or more archers attending the event. The summed scores of up to four archers on a county team will determine the team's county score for award purposes.

- a) Scoring will be done at the completion of each end while the arrows are in the targets. Practice ends will not be scored. Scoring will be done by appointed scoring officials...unless otherwise noted herein or announced on the day of the competition. The archer should check and verify that the scorer has recorded each arrow's score correctly. If the archer and the scorer cannot agree on the score, an appeal should be made.
- b) All scores may be appealed to Range Officer. Appeals should be made immediately by the archer. Once an arrow is pulled, there can be no challenges.
- c) NO ARROWS OR TARGETS MAY BE TOUCHED UNTIL SCORED. Any arrow or target touched before scored will be scored as a zero.
- d) Tie scores will be broken by the number of "X's". An "X" is scored when the shaft touches the inner most circle of the target, the "X" ring.
- e) Witnessed bounce-outs or arrows that pass completely through the target will be re-shot. A dropped arrow may be replaced by a spare arrow, if the dropped arrow is within 10 feet of the shooting line. Under no condition is an archer to step in front of the shooting line to retrieve an arrow.

**9.** No harassment of an archer, by anyone, will be tolerated. If done by another archer, they will be disqualified and may be ejected from the archery range. If done by a spectator, the spectator will be ejected.

**10.** Score keepers are not allowed to give out scores. Please don't ask nor interfere with their work. The line scores and standing will be posted as soon as they become available.

**11.** Any rules not covered in these rules will be determined by the NFAA rule book or F.I.T.A. rulebook as appropriate.

## **ARCHERY EVENTS**

**9am-5pm, September 16, 2023 – Pekin Archers, Inc., Pekin, IL**

**Register at:**

*<https://4h.extension.illinois.edu/events/state-events/state-shoots>*

**Registration fee \$20.00 covers the shoot and t-shirt  
(no lunch provided- Bring a picnic lunch with you!)**

**Archery:** Both shooting disciplines of recurve and compound will shoot the same set of events. Recurve and compound will be two separate award events.

- **3-D and Field will be held in the morning and will be split with groups shooting Field and 3-D at the same time and switching when completed - FITA will be held after lunch.**
- **FITA – Will shoot 2 ends of six arrows; Field will shoot 8 targets 4 arrows per target; and 3-D will shoot 16 targets with 1 arrow per target.**
- **Required equipment – must have to shoot: arm guards, finger tabs or releases, and closed toe shoes will be required.**

### **ARCHERY EVENTS:**

- **Shooting Event 1- FITA Round (½ FITA) – Recurve and Compound**
  - Targets – 122 cm, full color FITA targets
  - Target distances of 50, 40 and 30 yards in that order
  - 3 ends of six arrows from **50 yards (see\* below)**
  - 6 ends of three arrows from 40 yards **(see\* below)**
  - Time limit – 4 minutes per 6 arrow end and 2.5 minutes per 3 arrow end
  - Scoring – 10 points to one point from center outward. Compound will score inner 10's as X's. Ties broken by the number of 10's first, then X's, #9's, #8's, etc. until tie/s broken. Scoring is determined by the position of the shaft in relationship to the scoring rings. The shaft must touch the scoring ring of the higher score in order to score the higher value

- NBG Rules – World Archery Organization
- **Shooting event 2- 3-D – Recurve and Compound**
  - Target – 3-D targets as selected and placed by committee
  - Distance – unmarked from 5 to 50 yards. Recurve maximum of 40 yards – Compound – 50 yards.
  - Number of targets to be determined– one arrow per target (**see\* below**)
  - Groups of 3-5 shooters will be designated from different counties and will stagger shooting order at each target. 2 minutes time limit to shoot once archer has approached shooting stake.
  - IBI Scoring procedure dependent on types of 3-D target. 11 points center ring shot; 10 points 12 ring if target has 12 ring, or an inner 10 ring; 10 points for 10 ring; 8 points for 8 ring; 5 points any other body shot; 0 for misses, bounce outs or pass throughs. Ties broken by highest number of 11's, then 10's, etc.
  - NBG Rules – IBO
- Timed event and time limit for lost arrow.
- **Shooting event 3– Field Round (1/2 Field) – Recurve and Compound**
  - NFAA targets of sizes selected by the management and appropriate to the course
  - DISTANCE Marked distances within the range of 5 to 50 yards COURSE OF FIRE 7-8 targets with, 4 arrows per target
  - TIME LIMIT Participants will move through the course expeditiously and avoid delays
  - SCORING 5, 4, 3 from the center outward. Tie breaks will be greatest #X's, then #5's, #4" s, #3's.
- Participants may glass the target prior to shooting but must maintain the time limit of 2 minutes. No shooter may glass the target after taking his/her shot. No adjustments of sights will be allowed once shooter has drawn and letdown.

**\* (Please be aware that the *number of shots being taken by 4-H'ers in all disciplines is subject to change dependent on the numbers of participants –determined by State 4-H Shoot Planning Committee.*)**

**ARCHERY EQUIPMENT STANDARD**

**Permitted**

**Not Permitted**

**Recurve/Longbows**

One adjustable sight pin or Multiple hunting style site pins may be used, clicker and kisser buttons permitted. 4-H'ers may have as many site pins as deemed necessary. Torque compensators permitted. 60 lb. maximum draw weight.

String peeps and mechanical release aids.

**Compound**

Release aids, string peeps, optical sights, spirit levels. 60 lb. maximum draw. Multiple sight pins allowed.

Overdraws may not place the arrow rest further than 6 cm from the pivot of the bow.

**Arrows for both  
recurve and compound**

Must meet AMO minimum weight standard; 6 grains arrow weight per pound bow peak draw weight

No arrow larger 27/64ths in diameter.