2018 ILLINOIS 4-H SHOOTING SPORTS STATE SHOOTS

**Archery:** September 8 – Pekin Archers, Inc., 2501 Edgewater Drive, Pekin. Cost: $25/participant

**Shotgun:** September 15 – Bunker Hill Shooting Park, 11374 Prairie Dell Rd, Bunker Hill. Cost: $50/participant

**Rifle and Pistol:** September 29 and 30 – Central Illinois Precision Shooters, 6125 County Rd 1175 N, Bloomington. Cost $45/participant/event

**STATE SHOOT RULES and EVENTS**

**ALL PARTICIPANTS** - Upon arrival to the property, please take your equipment and ammunition/arrows to the registration site. All shotguns, air rifles, small bore (.22) rifles and compound bows must be unloaded, cased or similar. Recurve bows must be unstrung.

Since each State Shoot will fall on a different weekend, eligible 4-H members will be able to compete in multiple state events rather than only one. They will be able to compete in a maximum of 4 State Shooting events – 1. Shotgun. 2. Archery- either recurve or compound 3. Rifle - either air or .22, and 4. Air Pistol

**VOLUNTEERS** – The state shooting events cannot be held without the assistance of many adult volunteers. We will need many for these events, as example in Shotgun we will need 6 Range Officers and 6 Scorers so 12 already for shotgun. In addition, we will need help with scoring, registration, armory (area for shotguns and ammunition, lunch, etc. You can see the number we need adds up quickly. Roughly we will need: Pistol/Rifle – 5; Archery – 10; Shotgun – 15.

We may be requiring volunteers from counties who have 4-H’ers participating. Please consider assisting if possible. Parents you do not need to volunteer the entire day. We are flexible.
GENERAL RULES FOR ALL DISCIPLINES

Entry Requirements

A. **AGE**: Only youth who are age eligible for 4-H in 2018-19 may participate. That means no one who will be 19 by September 1, 2018 may compete.
   a. **Eligibility**: The state shoot is open to youth who will be 4-H members during the 2018-19 4-H year and are members of a certified 4-H Shooting Sports 4-H Club in their county and completing in the discipline for which they have received instruction.
   b. **Minimum Age**: Youth must be at least 14 years of age by Jan. 1, 2019.
   c. **Maximum Age for State Contest**: Youth cannot be 19 years of age or older by Sept. 1, 2018.
   d. **Maximum Age for National Team**: Youth cannot be 19 years of age by Jan. 1, 2019. Youth in their last year of 4-H who were 18 on Sept. 1, 2018, but who turn 19 in September, October, November, or December of 2018 may participate in the state contest but cannot be selected for the national contest.

B. Our State Shoots are intended to provide an opportunity for our Illinois 4-H members to compete with those with like interests from throughout Illinois. First, we wish to provide a very safe environment and expect that all participants follow all rules and polices of the State Shooting events. The events that will be offered at the State Shoots are difficult as they are the same events that the National 4-H Shooting Sports Championships offer. The events will also provide the opportunity to select State Teams that will compete at Nationals in June 23-28, 2019, in Grand Island, NE.

C. By entry to this Illinois state shooting event the participant, parent and certified leader/instructor is verifying that the youth has demonstrated basic safety, and possess basic knowledge and skills required to participate in this State event. Any participant, which, in the opinion of the range official, does not exhibit this basic knowledge and skill set, will be excused from the competition.

D. **Registration** for all four State Shoots will be done electronically. Each State Shoot you are participating in, you must register separately. All fees must be paid by credit card at the time of registration. **REGISTRATION DEADLINE – August 15, 2018**

E. The contests are all separate registrations. Youth may participate in multiple contests. Please use the following urls to register for the event. Events that a 4-H’er may compete – shotgun; either air rifle, smallbore rifle, or air pistol and either recurve or compound archery – maximum of four.

F. **The Emergency Youth Medical form, Agreement to Assume Risk forms, Code of Conduct, and Photo Release must be brought to the registration site by the participants – for each event.** The individual electronic registration forms and appropriate fees are to be sent back electronically when completed. Following the registration deadline, counties that have youth registered will be contacted to verify the participants’ eligibility (enrolled in the project and in good standing in the 4-H Club)

G. Each contestant must also meet any and all other requirements set by the State Shooting Sports Advisory Committee, State Coordinator or requirements set forth by their County for eligibility to compete in State contests.
Safety

SAFETY IS ALWAYS THE PRIMARY CONSIDERATION – ALWAYS STAY OUTSIDE OF ANY STAKED YELLOW CAUTION TAPE AREA!

Any violations of accepted safety rules are grounds for immediate disqualification. No Warning Required! Each participant, coach, range personnel, or parent on the firing line will also wear appropriate eye and/or ear protection for all shooting events.

A. Eye Protection – shooting glasses or equivalent prescription glasses are required for all events involving air or powder driven projectiles. They are recommended for archery as well but are not required. ISU or UIT glasses may be worn only if both eyes are adequately protected. All persons on or near the firing line are required to have eye protection.

B. Ear Protection – In any event where noise is a recognized hazard to future hearing (i.e. if it goes ‘bang’) hearing protection is required of all persons on or near the ranges. Ear plugs or head style ear muffs may be worn at the discretion of the shooter, range officer or coach: but proper hearing protection is required. Such equipment may be used in air or archery events if the shooter desires, but is not required.

C. Cased Requirement: All firearms, air guns, and bows, must be in case at all times – range officials will give the final command for uncasing. Recurve bows to be unstrung.

D. Open and Empty: All firearms will remain open and empty until the shooter is on the range and the command to load or fire, is given.

E. Indicators: Safety Procedure for Air Rifle, and Small bore Rifle – while in the case and when brought to the firing line. Air rifles shall have a weed eater string (of bright color) in the barrel and protruding a minimum of six inches out of the muzzle and out of the action (Clear barrel indicator-CBI). Small bore rifles should use some type of Open Bolt Indicators (OBI).

F. Muzzle Control: Shooters must maintain control of their muzzles at all times. Firearms must be carried in the muzzle up position whenever uncased on the range unless the action is hinged and broken open. Regardless of condition, muzzles may not be pointed toward or rested upon any part of the body of the shooter or another person. Violation of this rule may result in a warning, disqualification from a round, or disqualification from a match.

G. Audio headphones or ear pieces and cell phones are not permitted on the firing line or the field. Once an individual or team is called to compete, ear pieces or headphones must be removed and remain off during the competition. Spectators should also be sensitive to the shooters and turn off ringtones when near the competition.

H. Range officials have the right to check all firearms and archery equipment prior to its use in competition to determine that it meets qualifications and/or that it is safe. Equipment determined to be unsafe will not be allowed on the range.
**Equipment**
Contestants are responsible for providing their own ammunition, equipment, safety glasses and ear protection. ‘Own equipment’ could mean personal, county or other means of using equipment. The State 4-H Shooting Sports Program will not be offering equipment. Some equipment borrowing will be allowed. (Shotgun shells - 12 and 20 gauges will be available for purchase at the facility, if not bringing your own.)

**Spotters**
Use of spotters - check individual shooting disciplines.

**Dress Code**
Participants are expected to dress appropriately. Team uniforms or shirts with the use of the 4-H logo are encouraged, but not required. Both young people and adults should wear attire appropriate for the weather while remaining modest and socially acceptable.

All shooters and coaches should remember that their photographs may be taken or an individual be asked to interview for the media. Remember that you represent all of 4-H Shooting Sports - Make it a positive image. Clothing with alcohol or tobacco advertisements, sexual connotations, inflammatory & other inappropriate messages or images as determined by match officials are prohibited. **Footwear:** No open toed shoes are permitted on the firing line. The footwear must completely cover the foot. Crocs, flip flops, sandals, etc. are not permitted.

**Accommodations**
In the event that any participant is physically incapable of complying with the general rules or specified discipline rules, the event staff will make every reasonable effort to accommodate that individual, allowing them to compete. Any accommodation made must not jeopardize range safety. Specific arrangements must be made and approved IN ADVANCE, prior to pre-registration, with the State Coordinator. The Chief Range Officer must also be notified prior to relay on the day of the state shoot.

**County Teams/Squads**
 Counties may have as many individuals as they desire within the shooting events. Teams/squads will consist of 4 individuals. In the event a county has more competitors in a discipline category than required to fill a team then the county may have more than one team/squad. High team/4-H Club scores will be based on the scores from the top four, 4-H Club shooters from the 4-H Club.

**Scoring**
Individual scores will be tabulated at the completion of each event. When possible, scores will be posted as targets are scored and tabulated. **Please leave scoring personnel alone so scores can be posted as soon as possible.** After targets are scored, youth shooters may review under supervision of the scorer. Each shooting discipline scoring system will be determined by the State 4-H Planning Committee.

**Appeals/challenges – Scoring**
Competitors only (not adults) may challenge their score in an event. Score keepers will not listen to an adult only the shooter. The first challenge must be done within 30 minutes of the announcement or final posting of scores. If not satisfied after the ruling on the challenge, the shooter must immediately ask to appeal. That appeal will be handled by the Chief Range Officer and/or the Chief Scorer. No scoring challenges are allowed after targets leave the official scoring area unless at the specific request of the range official. Other grievances should first be addressed to the line officer or range officer – by the shooter NOT by an adult. The Chief Range officer will make a determination on the grievance. A final appeal of a decision or ruling by a Chief Range Officer must be directed to the match director within 30 minutes of the ruling and must be accompanied by a $50 fee. If the appeal is upheld and the decision reversed, the $50 will be returned. If not, the $50 stays with Illinois 4-H Shooting Sports.
**Spectator Interference**
Disruption or interference by parents, coaches or other individuals will not be permitted; this includes parents hovering over the scorers. There is no contact/discussion allowed with the participant by the coach, parents, or anyone during the shooting activity. Sanctions ranging from a warning to ejection from the grounds or disqualification of an entire team will be imposed for interference with the operation of the match or disruption of the events on a firing line or field. Every effort will be made to keep these events fair, child-centered and positive.

**Coach Removal**
4-H reserves the right to remove any coach from the range or firing line in the event that his or her behavior is deemed detrimental or distracting to their own shooter or others. Coaches should remain positive and supportive being careful not to disrupt other shooters. In the event that a coach is removed from the firing line, another coach may substitute for him/her at the discretion of the range officer.

**Sharing of Equipment**
Sharing equipment is allowed, but no more than two people on a team may share a piece of equipment. This is an allowance that helps those teams and individuals with limited resources, while at the same time, helps match efficiency by limiting the number of relays that must be conducted.

**Alcohol/Tobacco Policy**
No alcoholic beverages may be consumed on the grounds during this event. The use of tobacco is also prohibited. Violation of this policy is ground for ejection from the premises.
2018 STATE SHOOT AWARDS

Ribbons
Participation ribbons will be given to all 4-H participants. Ribbons, various colors, (printed 1st to 10th) place will also be awarded to the top 10 individuals in shotgun, archery recurve, archery compound, air rifle, air pistol, and small bore rifle.

Trophy Belt Buckle will be awarded to the top individual in:
- Top Individual – Shotgun
- Top Individual – Archery Compound
- Top Individual – Archery Recurve
- Top Individual – Air Rifle
- Top Individual – Small bore Rifle
- Top Individual – Air Pistol

Medallions will be awarded to the 2nd – 5th place individuals in each of the six disciplines.

Medallions will be awarded to top five 4-H Clubs in: (top 4 individual scores from 4-H Clubs will compose teams)
- Top Shotgun 4-H Club Team
- Top Compound Archery 4-H Club Team
- Top Recurve Archery 4-H Club Team
- Top Smallbore Rifle 4-H Club Team
- Top Air Rifle 4-H Club Team
- Top Air Pistol Team

Travelling Trophy
A ‘travelling” trophy will be awarded to the top 4-H Club who demonstrates the best overall/accumulative score in 4 of the 5 events of archery recurve, archery compound, air rifle, small bore rifle and shotgun. 4-H clubs will choose the 4 events they wish to be scored. (For this our first year, accumulative score will be composed of the 4 ‘best’ teams representing the 4-H Club (top 3 individual scores will compose the ‘team’ – as the event grows the top 4 scores will compose teams. Only one score can be used per shooting event – i.e. – a 4-H club cannot use two scores from shotgun – only the one. If a 4-H Club wins the overall score for three consecutive years, they keep the trophy/plaque. Adjustment to scoring of disciplines may be required to determine winner.

Additional Information
There will be food and drink available for purchase at all three locations. Minimal menu at Rifle and Archery.

You will see numerous adults during the day wearing orange vests, striped ‘referee shirts’, and the colored State Shoot shirts. These are the folks that made this event happen – please extend your thanks as they have put in many hours of work so this event could occur.
Some clarifying points of interest for our Sate Shoot and the National Invitational:
The Illinois State 4-H Shoots is held in the early fall of the year. It is a privilege rather than a right to represent the Illinois 4-H Shooting Sports programs on the State teams going to National. Illinois will select state teams from the State 4-H Shoot who will then compete in the annual National 4-H Invitational typically held in June of the following year. This provides the opportunity for coaches to be selected and work with the teams until the June National event - for the shooting disciple teams of: Shotgun, Air Rifle, Smallbore Rifle, Archery Compound, Archery Recurve, and Pistol. For our State Shoots, a 4-H member currently enrolled in the specific shooting discipline may compete in our State 4-H Shoot as many times as they so wish – even if they win it. The National Invitational only allow a 4-H member to compete once in any given shooting event.

Selection criteria of Illinois’ State Teams for National 4-H Invitational:

1. **Age Requirements** – Refer to the age requirement on Page 2.
2. **A 4-H member may only participate in a shooting event at National once**. Example – a 4-H’er makes the Illinois State Team in shotgun and decides to participate at National – once they participate at National they can no longer do so in shotgun, but may in other offered shooting events if making the State Team.
3. Must follow all of the National 4-H Invitational registration, rules and policies (found at our Illinois 4-H Shooting Sports Website: [http://web.extension.illinois.edu/shootingsports/](http://web.extension.illinois.edu/shootingsports/)).
4. Individuals selected for the state teams must participate in all of the three shooting events for each event at National – i.e. – Shotgun - 100 rounds of trap; 100 rounds of skeet; 100 rounds of sporting clays on three separate days. Archery/compound; archery/recurve, air rifle; and, smallbore rifle also have three shooting events – found at the website listed above, under Event Synopsis.
5. The top four scoring individuals will be selected from our offered State Shoots. Scores will need to be somewhat ‘competitive’ of those that have been attained at recent National shooting events – (we do not want to send our Illinois 4-H members to an event that they would become disillusioned and can only attend one time – something to be taken into consideration when the selection process is undertaken). For an idea of the quality of shooters attending National, you can check out the scores of this year’s National by visiting: [http://4h.unl.edu/ntlshootingsportsinvitational/results](http://4h.unl.edu/ntlshootingsportsinvitational/results)
6. Those selected to attend must make the commitment to attend the entire event which in 2019 is June 23-28 in Grand Island, NB.
7. Must have letter of recommendation/shooting background, and all necessary registration material completed and turned in on designated date – to be determined.
8. Each team must have an adult coach who has been approved as a 4-H volunteer by the Illinois State 4-H Shooting Sports Coordinator. The coaches are expected to work with the team/s from the State 4-H Shoot until the National event. Coaches may also travel with their respective teams to National and take care of specific team responsibilities, and may serve as the chaperone for the respective team members. Some funds will also be provided to the coaches by the Illinois 4-H Foundation.
9. The Illinois 4-H Foundation has graciously agreed to pay for some of the expenses incurred including the registration fee. Individual 4-H clubs and county programs may be able to assist as well.
10. We highly encourage family members of those selected to attend as this event is strongly supported by family members, from throughout the country.
11. We may not send teams in all of the areas that we currently offer – we are very new to this National opportunity as compared to most of the states that have been competing on this scale for 25-30 years.
Illinois 4-H State Archery Shoot
September 8, 2018
Pekin Archers, Inc., Pekin, IL

Register @ go.illinois.edu/4harchery
Registration fee of $25 covers, t-shirt and entry. No lunch will be provided. Bring your own or lunch available onsite from vendor.

Schedule
8 to 9 AM – Registration
9 to 9:15 AM – General Safety Program and Pledges
9:15 to 9:30 AM – Shooting Begins
Noon – Lunch
Shooting Resumes
Shooting ends around 4 to 5 PM
Awards program when scores are tallied

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.

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 and optical/magnified sights 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 release must be used in Compound Release event; 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.

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.

**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.

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

Shooters will straddle the firing line for FITA event

County teams are to be selected from the top four scores within each competitive category. Counties with fewer than 4 contestants will not be eligible for team awards.

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.

**Scoring**

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.

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.

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

Contest
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 I 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 pf 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 60 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

Recurve/Longbows

Permitted: 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.

Not Permitted: String peeps and mechanical release aids.

Compound

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

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

Arrows for both recurve and compound

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

Not Permitted: No arrow larger 27/64ths in diameter.