



# Lewis County 4-H Invitational Shoot



**Saturday August 3, 2019**

Check in begins at 8:00 am. See registration for discipline scheduled start times.

## **Deer Ridge Conservation Area– Jenkin's Shooting Ranges**

Located approximately 7 miles north of Lewistown, MO. From Lewistown, take Hwy H north to Hwy Y proceeding north to the large Missouri Department of Conservation sign at Chestnut Street (gravel). Turn east - the ranges are about 1/2 mile down Chestnut.

## **Registration**

Pre-registration required! All entries must be received by July 12th.

All registrations must include required signatures, selected project competitions, health consent forms (**from 4HOnline only**) and event fees.

Forms available at <https://extension.missouri.edu/lewis> or by contacting the Lewis County Extension Office at 573-767-5273

**Open to Missouri 4-H Members currently enrolled in Shooting Sports projects who have met county, club and project requirements.**

## Events

- Archery –300 round
- Archery– FITA, field, 3D combo
- Hunting & Outdoor Skills
- Muzzleloader
- Small Bore Rifle
- Shotgun (Trap & 5-Stand)
- Air Pistol

\*\*\*All participants are required to bring their own equipment (including required safety equipment.)

- All attending are encouraged to bring lawn chairs. You may also bring shades, but they may only be set up in areas designated by the Range Masters.

*Food and Beverages will be provided at a minimal cost at the event.*

# LEWIS COUNTY 4-H INVITATIONAL SHOOT

## REGISTRATION FORM- AUGUST 3, 2019

Registration must be received by July 12, 2019 at:  
Lewis County Extension Office  
P.O. Box 68, Monticello, MO 63457

Name \_\_\_\_\_ County of Membership \_\_\_\_\_

Mailing Address \_\_\_\_\_

Email (if checked regularly) \_\_\_\_\_ Home Phone \_\_\_\_\_

Parent or Legal Guardian Cell Phone \_\_\_\_\_ or \_\_\_\_\_

4-H Age \_\_\_\_\_ (As of 12/31/18) Birthdate \_\_\_\_\_

**Circle appropriate Age Division:**      Junior (8-10)                      Intermediate (11-13)                      Senior (14-18)

Mark an X for EVENTS YOU WISH TO PARTICIPATE IN (each registrant may participate in **3 events only**)

X	Event	Event Information		Event Cost	Cost
	<b>Archery</b> 9am, 11am, additional line if necessary	<u>Please circle bow type:</u> Traditional/recurve, Compound	Line time will be assigned (300 round)	\$6	
	<b>Archery combo</b> Start time 10am	<u>Please circle bow type:</u> Traditional/recurve, Compound	FITA, Field, 3D: all bow types compete together: age division determines yardage	\$6	
	<b>Small Bore .22 Rifle</b> silhouette targets Start time 8:15am	<u>Please circle site type:</u> Open, Target, Scope		\$6 each site	
	<b>Hunting &amp; Outdoor Skills</b>	Open start time @ HOS Field Area	Wildlife ID, Orienteering, 3D Archery- Bring your own archery equipment	\$5	
	<b>Shotgun 5 Stand</b>	Multi event shooters check in at shotgun range first	Shooters must provide factory loaded shells	25 targets \$6	
	<b>Shotgun Trap</b> INTERMEDIATE Class	Shoot 25 or 50 <u>not</u> both	Shooters must provide factory loaded shells	25 targets \$6 50 targets \$12	
	<b>Shotgun Trap</b> SENIOR Class		Shooters must provide factory loaded shells	50 targets \$12	
	<b>Muzzle Loading</b>	Open start time	Provide your own supplies	\$5	
	<b>Air Pistol</b>	10 meter silhouettes Start time 8:15 am		\$6	
			<b>TOTAL EVENT FEES \$</b>		

**Please make checks payable to: Lewis County 4-H Council. Remit Entry Form & Health authorization/consent form to the above address. (Entry fee must accompany registration and health forms)**

I certify that \_\_\_\_\_ is a member in good standing and is currently enrolled in the shooting sports projects for the 2018-2019 4-H year that are marked above and has met all county requirements to participate in this event.

**(Participants must have signatures from their parents, certified leader(s), and their county 4-H Club Leader to certify the above listed member has met 4-H club and project requirements!)**

Discipline: \_\_\_\_\_

Certified Instructor \_\_\_\_\_

Discipline: \_\_\_\_\_

Certified Instructor \_\_\_\_\_

Discipline: \_\_\_\_\_

Certified Instructor \_\_\_\_\_

County 4-H Club Leader: \_\_\_\_\_

Parent/Guardian signature: \_\_\_\_\_

## ARCHERY RULES

1. Each participant will shoot 5 arrows to an end, 6 ends to a round, 2 rounds per game for a total of 60 arrows. No separate for boys and girls. Age division determines yardage.
2. Competitors may shoot in both of the Archery categories, but this will count as two of their events: 1) recurve/longbow, 2) compound. Competitors shall compete in their appropriate age category. Archery Combo: All bow types will compete together in FITA, Field, and 3-D. You must provide your own archery equipment.
3. Only longbows, recurves and compound bows are allowed.
4. String peeps and optical sights are permitted (except for traditional recurve). Sights that project an image onto the target are not allowed.
5. Mechanical releases are permitted.
6. Only target or field points are to be used. NO HUNTING POINTS ALLOWED!
7. Targets will be standard indoor targets (single bull or 5 spot).
8. Shooters will straddle the firing line.
9. A shooter must furnish his/her own equipment (bow and arrows), Targets and backstops will be provided.
10. All shooters will start and finish each end at the conclusion of the scoring period except in the case of equipment failure or whenever called back to the line by the range officer. A shooter whose equipment has failed must notify the range officer immediately and will be allotted 20 minutes to repair equipment and will be allowed 5 practice arrows. All arrows shot before equipment failure will count. If equipment is not repaired within allotted time, the shooter must take the score before the failure. EQUIPMENT FAILURE DOES NOT INCLUDE BREAKING OR LOSING ARROWS! Shooters should have at least (6) six arrows.
11. Scoring will be done on the range at the completion of each end while the arrows are in the targets. Total individual scores will be calculated at the conclusion of the round and event respectively. NO ARROWS OR TARGETS MAY BE TOUCHED UNTIL SCORED. Any arrow or target touched before scored will be scored as the lower score. If the archer and the scorer cannot agree on the score the range officer will make the final decision.
12. All arrows that bounce off the target will be shot again. After the target is scored, coaches may review under the supervision of the scorer. Any arrow or target touched before scoring will be scored as the lower score.
13. In the case of a robin hood (arrow stuck inside the shaft of another arrow) the score for each arrow will be the same as the arrow in the target. If the second arrow is only in the fletching of the first arrow, the second arrow will be reshot after the round has been scored.
14. Scoring Rings— scoring is determined by the position of the shaft. The shaft must touch the higher ring to score the higher value. The Range Officer has the final authority. The number of X's will break tie scores. An X is scored when the arrow in the bull's eye breaks the circle of the x-ring.
15. **ALL SPECTATORS AND PARTICIPANTS WILL ABIDE BY THE RANGE RULES TO ENSURE SAFETY OR THEY WILL BE DISQUALIFIED OR REMOVED FROM THE PREMISES. THE RANGE OFFICER HAS THE FINAL JUDGEMENT.**

### Archery Superintendents:

John Waterman: 660-216-5899 (evenings)

Ed Sweet: 573-288-3529

Kevin Miller: 217-242-1374

\*\*\*All bows must come to the range in cases.\*\*\*

\*\*\*NO CELL PHONES or ELECTRONICS on the RANGE\*\*\*

\*\*\*Clothing with alcohol or tobacco advertisements, sexual connotations, inflammatory & other inappropriate messages or images as determined by match officials are prohibited.\*\*\*

## .22 SILHOUETTE RULES

Standard small-bore silhouettes will be used as targets. They will be placed at one half the standard small-bore range. The course of fire will consist of:

Stage 1	10 shots at Chickens	22 yards
Stage 2	10 shots at Boars	33 yards
Stage 3	10 shots at Turkeys	42 yards
Stage 4	10 shots at Rams	55 yards

There will be shells available for purchase for the match.
--

1. The targets in each stage may be engaged in any sequence. Targets knocked off the stand will count as a hit, a toppled target that does not leave the stand will count as a miss.
2. A maximum time period of 5 minutes will be allowed for each stage. All four stations will be fired at the same time. Competitors will rotate through the stages in sequence, beginning at stage 1. Magazines may be loaded during a load/preparation period, but a round may not be chambered until the commence fire command is given.
3. Any 22 cal. Rim-fire rifle (no 22 Mag.) may be used. Any sight system including scopes will be allowed. Each competitor must provide their own ammo that is to be checked by the range officer when they register. The ammo must be **standard velocity** ammo normally used in 4-H competition. No high velocity ammo will be allowed on the range.
4. Shooting will be from standing position. No slings or shooting coats will be allowed. Youth shooters may shoot from a lower position (Sitting, Kneeling, or Prone). Youth shooters may use a sling, glove, or both in the any position class if they wish, but coats are not allowed in any class.
5. Youth division shooters may be verbally coached and physically assisted during loading. Intermediate and senior shooters may be verbally coached by a single individual outside the shooting box, but no physical assistance may be given during a stage.
6. Contestants or coaches may be asked to serve as scorekeepers or safety officers.
7. **All participants, coaches and spectators entering the firing range must wear ear and eye protection at all times during firing.**
8. All firearms must be cased or have actions open whenever on the range except during firing. **All firearms must have a chamber flag or OBI in the action when not in use.**
9. The range will not be available for sight-in prior to the competition. Therefore, you will need to be sighted-in prior to arrival.
10. In the event of a rule discrepancy a decision will be made by the small-bore rifle superintendent.
11. In the event of a tie, the contestant with the most Ram hits will be declared the winner. If they have the same number, turkeys, boars, then chickens will be used to break the tie.

### **Small-bore Rifle Superintendents:**

Brad Putnam	573-478-5151	Lea Rash	660-216-5374
Shane Bogguss	573-497-2789	Justin Hoffman	573-248-7414

**\*\*\*All firearms must come to the range in cases.\*\*\***

**\*\*\*NO CELL PHONES or ELECTRONICS on the RANGE\*\*\***

**\*\*\*Clothing with alcohol or tobacco advertisements, sexual connotations, inflammatory & other inappropriate messages or images as determined by match officials are prohibited.\*\*\***

## **HUNTING & OUTDOOR SKILLS RULES**

This is the official contest for members enrolled in Hunting & Outdoor Skills 749 and have been under the instruction of a certified 4-H Hunting & Outdoor Skills Instructor.

1. Hunting Skills event will open at 8 a.m. and participants must begin the contest no later than 2:30 p.m. All Hunting Skills competitors should check-in with event officials upon arrival at the Range club so they know if you will be participating. You won't necessarily have to compete at that time, but range officials will help you determine a good time to return.
2. Awards will be presented in three age groups. (Age as of January 1st of the year of the event).  
Junior (8-10)                      Intermediate (11-13)                      Senior (14-18)
3. **Components of the Hunting Skills event:** There are three (3) components to Hunting Skills.

**A. Written test** Each ages division will have its own age appropriate test. Test will consist of multiple choice, True/False, fill-in-the blank. May also include "ranking" questions (rank 4 items from best choice to worst).

Content:

Wildlife Identification: including skulls, fur, tracks, horns, wings.

Orienteering— questions about how to use & read USGS Quadrangle maps

Basic First Aid questions

General and basic questions about firearms , archery equipment and about hunting with firearms & archery

Outdoor Ethics

Hunting Safety

**Restrictions—** Participants must not possess references, resources or aids of any kind; written, recorded, or electronic at the time of testing. There shall be no communications between the participants, coaches or other individuals during the competition.

**B. Compass Course** Junior participants will run one (1) course, Int. & Sr. will run two (2) courses

Procedure: The course will be laid out using what is commonly known as a "Silva Compass Course". It consists of a row of numbered flags in a straight line. Participants will be given a course card that dictates starting at a specific flag number. Two or more compass headings and distances will be given on the card— that if accomplished correctly— will bring the participant back to another specific flag. Score is calculated from how close the participant comes to the designated end flag.

Equipment: Participant may provide their own compass, but it must be approved by the range officer. All necessary equipment— including the compass, will be provided.

**C. Shooting:** Contestants are expected to participate in the Archery. If not, score will be lower. You must provide your own equipment.

General Description:

A. Targets— Archery will utilize 3D animal targets.

B. Distances will vary but will be no greater than 40 yards.

C. Up to 10 shots for archery.

D. Emphasis is on Hunting & Outdoor Skills and not as much on shooting skills/accuracy. High shooting scores will help the overall score for an individual but will not be a significant portion of the competition.

E. Scoring will involve things such as correctly identifying the appropriate kill zone that would facilitate

a quick, clean harvest; shoot/no shoot, and other decisions involved with situation/scenario– not only shot placement.

### **Archery Equipment:**

A. Participants should bring their own bow (and arrows) which must meet the following criteria.

Maximum draw weight of 60lbs

Target points only. Absolutely no broadheads– don't even bring them to the grounds.

Stabilizers (if used) 12 inches or less in length

Sights– Maximum of 4 fixed sight pins. No optical sights, no sights that project a light onto the target. Sighting device cannot be moved during the competition.

**Resources:** Study guides and resources for the Missouri Hunting Quiz that will provide answers to all of the questions are:

- Missouri Hunter Education Student Manual “Today’s Hunter in Missouri”
- MDC publication “The Wild Mammals of Missouri” second revised edition
- USGS flyer titled “Topographic Map Symbols” (free from USGS)
- “Instructions” or “Directions” pamphlet that comes with every compass
- “Be Expert With Maps & Compass” by Bjorn Kjellstrom; publisher Wiley Publishing Inc.
- “Wilderness Navigation” by Bob Burns & Mike Burns; published by The Mountaineers
- 4-H Shooting Sports Hunting curriculum
- NRA Hunters Guide
- Federal Ammunition Wildlife guides

### **Hunting & Outdoor Skills Superintendent:**

Tim Coy                      660-341-9401 (Before 8pm)

Kim Wilson                 573-231-2292

**\*\*\*All firearms must come to the range in cases.\*\*\***

**\*\*\*NO CELL PHONES or ELECTRONICS on the RANGE\*\*\***

**\*\*\*Clothing with alcohol or tobacco advertisements, sexual connotations, inflammatory & other inappropriate messages or images as determined by match officials are prohibited.\*\*\***

## SHOTGUN RULES

1. 12, 16, 20, 28, and .410 gauge shotguns are allowed. 10 gauge shotguns are NOT ALLOWED.
2. Shooters will fire from 16 yards.
3. Rounds
  - A. 5-Stand Shooters will shoot 1 round of 25 targets.
  - B. Intermediate Trap Shooters will shoot 1 round of 25 targets or 1 round of 50, but not both.
  - C. Senior Trap Shooters will shoot 2 rounds of 25 targets.
4. Only Intermediate and Senior Shooters may compete in shotgun events.
5. **Shooters are to provide their own factory load shells.** Trap shells must meet the ATA standards and 5-stand shells must meet the NSCA standards. All shells will be checked by the range official prior to the participant shooting in any events.
6. Eye and ear protection is required and must be provided by the participants. Absolutely no sunglasses.
7. An official of the range will do the scoring for the shotgun events on the range. Challenges will be settled on the range as they occur. The range officer in counsel with the scorer will decide the issue. Individual scores will be totaled at the completion of the round. Any shooters who leave the second round of their scheduled shooting must forfeit.
8. A shoot off will be used to break ties for 1st, 2nd, and 3rd place, except in the case of inclement weather or loss of light. In those cases longest run forward will determine the winner, if a tie remains longest run in reverse will be used, Longest run will also be used to break ties for 4th and 5th places. If the participant is not present for the shoot off, he/she will automatically receive the lowest placing of the tie, with the following exception: current competition in another event (the shooter will be required to report to the range immediately upon completion of that event).
9. ALL PARTICIPANTS AND SPECTATORS WILL ABIDE BY THE RANGE RULES OR THEY WILL BE DISQUALIFIED. ENFORCEMENT OF THESE RULES IS THE RESPONSIBILITY OF THE RANGE MASTER. SAFETY IS THE PRIMARY CONSIDERATION!
10. No release triggers allowed!

### **Shotgun Superintendents:**

Jim & Deann Turner	573-494-3684 (evenings)
David McCutchan	573-288-3988 (evenings)

\*\*\*All firearms must come to the range in cases.\*\*\*

\*\*\*NO CELL PHONES or ELECTRONICS on the RANGE\*\*\*

\*\*\*Clothing with alcohol or tobacco advertisements, sexual connotations, inflammatory & other inappropriate messages or images as determined by match officials are prohibited.\*\*\*

## **MUZZLE LOADING RULES**

NO SMOKING! On or within 50 feet of the loading tables or firing line!!!

1. Each shooter must be accompanied to the loading table with a “coach” whose job is to monitor loading and safety procedures of the participant during competition.
2. Each shooter will shoot from standing position only, See copy of the Standing Position Rule included.
  - A. Legal position would be the same as Air Rifle and .22 Rifle.
  - B. Slings or Shooting Sticks (Rests) are not allowed.
3. Competition will be in one event with two (2) age classes– A. Intermediate (11-13 yrs) B. Seniors (14-18 yrs)
4. **NOTE:** Course of Fire: **Paper bullseye at 50 yards.** Intermediate and Seniors both:
  - A. Allowed two (2) fouling/sighting shots
  - B. Followed by **sixteen (16)** shots for score. (160 points)
  - C. Eight shots per target (2 targets)

5. Target: NMLRA (National Muzzle Loading Rifle Association) TG2406– 100 yard, 8 ring black  
<http://www.nmira.org/store.asp?CatID=5>

### 6. EQUIPMENT & SUPPLIES

#### A. Rifle:

Caliber– .54 maximum and .32 minimum calibers permitted.

Ignition– may be by No. 11 percussion cap, musket cap, or 209 primer. No flintlock.

Traditional or in-line rifles. “Set” or “double” triggers are permissible.

Sights– Open iron, aperture and fiber optic sights will be permitted. No optical, telescopic or electronic sights.

B. **Powder and caps** –Shooters must provide their own powder and caps to be approved by the range officer.

Powder limit will be a maximum of 60 grains.

Examples: Pyrodex RS, Triple Seven 2f (both by Hodgdon) and Goex 3f black powder.

No. 11 caps, musket caps, or 209 primers are required.

**Please** bring your own capper. Caps/capper must be checked in with the range officer when you arrive on the range.

C. Round ball only. (supplied by shooter) All round balls must be soft lead in composition.

D. Patches & other accessories **NOT** provided. (Shooter must supply own powder measure, range rod, etc.)

### 7. PROCEDURE:

- A. All loading will be done at loading table by the shooter under the supervision of a coach, leader or parent. The powder container must be capped immediately after filling the powder measure. No loading directly from the powder container to the rifle is permitted.
- B. After loading, wait until the Range Officer gives the command to approach the firing line.
- C. Do not cap the rifle until the Range Officer authorizes.
- D. After firing the shooter will return to the loading table and insert the range rod. Then he/she may begin preparation for loading. No blowing down the barrel!

8. **Hang Fire:** Notify Range Officer immediately. Keep rifle pointed down range a minimum of 2 minutes.  
Range Officer will take charge of clearing round from the chamber with silent ball discharge. This will be considered an equipment failure. A dirty, un-fireable firearm will be considered equipment failure after the second attempt to fire. The firearm will not be cleaned by the Range Officer. A roped-off, safe area will be provided and can be used as a pre-shoot cleaning and preparation area.
9. Time limit is **60 minutes to shoot 16 rounds.** Time begins after the two fouling shots (little less than 4 minutes per shot).
- A. Each shooter will start and finish within the given amount of 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.
- B. All shots fired before equipment failure will count toward a score. If equipment is not repaired within the allotted time, participant must take the score before equipment failed.
10. **Scoring:**
- A. Point values: 10 points for center and x-ring, next outward ring is worth 9 points, with each outward ring worth 1 less point.
- B. Ball must touch the scoring ring to count the higher point value.
- C. Crossovers (shooting at another person's target). Person crossing over will lose score for that shot. For whomever the shot crossed-over-to, the shot does not count. The shooter must still take the shot.
- D. Point value for all 16 shots will be totaled to arrive at final score and placement.
11. **Tie-breaker:** Ties will be broken by:
- A. Number of "X's"
- B. If still tied, then by number of shots in the 10 ring, then 9 ring, etc... until broken.
12. **Safety:**  
All shooters, coaches or spotters must provide their own eye and ear protection and are required to use them at all times while on the range. The muzzle must be pointed "up" or pointed down range at all times. The range rod or ramrod will serve as an empty barrel indicator and must be in the barrel whenever removed from the case except when: advancing to firing line, returning to the loading table after firing, during the cleaning, swabbing, or loading process, or when loaded. No smoking allowed by any party anywhere near the Muzzleloading area. A roped-off, safe area will be provided and will be used as a pre-shoot cleaning and preparation area. Shooters must not handle their firearms unless in the prep area or on the line. All participants will abide by range rules or will be disqualified. Enforcement of these rules is the sole responsibility of the range master.
13. For awards purposes, teams will be selected from the top four (4) scores from one county and within the same age group.
- A. Shooters may not advance to next age group to fill a team.
- B. Counties with fewer than four (4) shooters and not eligible for team awards, will be eligible for individual awards.
14. Rules not addressed will be covered by National Muzzle loading Rifle, Pistol and Shotgun Rules #CB16380.

**Muzzle loading Superintendent:**

Robert Deters

573-288-3953 (evenings)

\*\*\*All firearms must come to the range in cases.\*\*\*

\*\*\*NO CELL PHONES or ELECTRONICS on the RANGE\*\*\*

\*\*\*Clothing with alcohol or tobacco advertisements, sexual connotations, inflammatory & other inappropriate messages or images as determined by match officials are prohibited.\*\*\*

## **AIR PISTOL RULES**

1. Eye protection is required at all times for shooters or any coaches or assistants when on the firing line and must be provided by the individual.
2. Each shooter must provide their own target pellets.
3. **Parent/coach responsibility:**
  - A. **Junior:** A parent/ coach must accompany the shooter to the firing line and must load and charge the pistol for the youth.
  - B. **Intermediate:** A parent/coach is to be on the firing line and may help charge the pistol.
  - C. **Senior:** A parent/coach must be available in close proximity but behind the firing line.
3. For SAFETY, all participants will abide by the range rules (including the CBI requirement or weed-eater string) and the directions of the Range Officer. The Range Officer has absolute control of the range and may excuse or disqualify any participant, coach, or parent as he/she sees fit.
4. Targets- 1/10 scale metallic silhouettes.
5. Distance and Course of Fire– 10 chickens at 10 yards, 10 pigs at 12.5 yards, 10 turkeys at 15 yards, 10 rams at 18 yards in banks of 5 targets and shooting from left to right on each bank of targets.
6. Time limit– 30 seconds ready time and 2– 1/2 minutes firing time for each bank of 5 targets.
7. Equipment– Any air pistol .177 equipped with sights that do not project an image on the target and have a safe trigger.
8. Shooting position-
  - A. Juniors– shoot from the seated supported position, just as in bulls eye.
  - B. Intermediate & Senior– only standing positions may be used, two-hand holds permitted but the hands and arms must be free of the body and may not touch beyond the wrists. (NRA Rule 5.8). Shooters may also shoot one-handed.
9. Scoring– each target knocked down or off the rail in proper sequence is scored one, targets missed, hit out of sequence, hit but knocked down or off the rail are scored zero.
10. *NRA Pistol Silhouette Rules CS16830* (most recent printing)
11. Tie breaker– Ties will be broken first by total number of rams, counted for score. If a tie remains, then the total number of turkeys; then by number of pigs, and then by number of chickens.
12. Information: <http://www.nrahq.org/compete/RuleBooks/SIL-P/silhp-index.pdf>
13. NRA International Pistol rule book (CI 16500) will address rules not covered by the Missouri Shooting Sports rules, as adapted by the Air Pistol Superintendent.

### **Air Pistol Superintendent:**

Rick Hinton

660-216-1566

**\*\*\*All firearms must come to the range in cases.\*\*\***

**\*\*\*NO CELL PHONES or ELECTRONICS on the RANGE\*\*\***

**\*\*\*Clothing with alcohol or tobacco advertisements, sexual connotations, inflammatory & other inappropriate messages or images as determined by match officials are prohibited.\*\*\***