

**LEWIS COUNTY 4-H INVITATIONAL SHOOT
REGISTRATION FORM – AUGUST 6, 2011**

**Registration must be
Post-Marked by
July 23, 2011 and sent to:**
Lewis County Extension Office
P.O. Box 68, Monticello, MO 63457

NAME: _____ COUNTY of MEMBERSHIP: _____

MAILING ADDRESS: _____

E-mail (if checked regularly) _____ Home Phone: _____

Parent or Legal Guardian Cell Phone: _____ or _____

4H AGE: _____ (As of January 1, current calendar year) BIRTHDATE: _____

CIRCLE APPROPRIATE AGE DIVISION: Junior (8-10) Intermediate (11-13) Senior (14-18)

CHECK EVENTS YOU WISH TO PARTICIPATE (Each registrant may participate in **3 events only**):

Sign up at range for shooting line

ARCHERY: 9:00am, 11:00am, 1:00pm

\$6 Fee per event

_____ Traditional Re-curve/Longbow

_____ Compound

ADVANCED ARCHERY: Begin at 10:00am

\$6.00 per event

_____ Traditional Recurve/Longbow

All bow types will compete together- FITA, Field and 3-D
Age division determines yardage

SMALL BORE RIFLE: Begin at 8:15

\$6 Fee site type _____

_____ .22 rifle – silhouette targets (Shells Provided)

AIR PISTOL: Begin at 8:15

\$6.00 fee

_____ 10 meter silhouettes

HUNTING AND OUTDOOR SKILLS: (Open Start Time @ HOS Field Area)

\$5 fee _____

(Wildlife ID, Orienteering, 3D Archery) Bring your own archery equipment.

For more information about Hunting Skills, contact Tim Coy at 660-341-9401 before 9pm.

SHOTGUN: 5-Stand Shotgun Competitive Shooting will begin at 8:15am. Multi discipline shooters check in at shotgun range first.

Shooters must provide their own factory load shells. See rules for shell specifications or contact Jim Turner.

Trap Int. (choose 1)

25 Targets (\$5) _____ 50 Targets (\$10) _____

5-Stand Int. 25 Targets \$7 _____

Trap Sr. (Choose 1)

50 Targets (\$10) _____ 100 Targets (\$20) _____

5 Stand Sr. 25 Targets \$7 _____

MUZZLE LOADING: Open start time (Int. & Sr. only):

\$5.00 per event (Powder and Caps Provided – Circle or fill in below information.)

_____ Powder Type _____ Caliber Caps: #11 Caps #209 Primer Musket Caps

TOTAL FEES FOR EVENTS: \$ _____

Please make checks payable to **Lewis County 4-H Council-Shooting Sports Comm. Remit Entry Form and Health authorization/Consent form to above address. (entry fee must accompany Registration/Health form)**

I certify that _____ is a member in good standing and is currently enrolled in the shooting sports projects for the 20010-2011 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) as well as 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 _____

Lewis Co. Invitational Shoot Air Pistol Rules

1. **Course of Fire:**

- a. Junior (age 8-10) 40 rounds, any of the 3 basic supported positions, as appropriate for age and experience -seated at a table and sand bags. 5 shots per bull. Shooters must provide their own support.
- b. Intermediate (age 11-13) 40 rounds total, standing position. All rounds will be shot two-handed, unsupported position; 5 shots per bull.
- c. Senior (age 14-18) 40 rounds total, standing position. All rounds shot one-handed, unsupported; 5 shots per bull.

The permitted two-handed hold is the same as allowed in pistol silhouette. See picture included in NRA Pistol rule book and illustrations in Smallbore pistol section for acceptable one-hand hold.

2. **Pistol:** Firearm specifications must follow the 2008 Missouri State 4-H Shooting Sports Competition Rules.
3. Shooting distance will be at ten (10) meters (33 feet).
4. Official targets will be the B-40/4, a 4 bull target. **Target placement** will be as follows: Youth division targets will be placed 36 inches from ground to center of target, Junior and Senior division targets will be placed 55 inches from ground to center of target.
5. Shooters will be required to load and fire one round at a time.
6. Ammunition will be provided by the match director. Ammunition used will be .177 caliber, Crossman 284786 7.9 grain wad cutter – or equivalent. **CO 2 cartridges will not be provided**, shooters must supply their own, if needed.
7. Time allotted:
 - a. Sighting shots will be permitted and may only be fired before the beginning of the match. Two single-bull B/40 targets will be allowed for sight-in - with a 10 shot, 5 minute limit
 - b. Shots will be fired in strings of 10. 1 minute per shot (10 minutes per string) is allowed.
 - c. Each shooter is to start and finish the round within the allotted time limit, except in the case of equipment failure. A shooter whose equipment has failed must notify the Range Officer and may be allowed up to 20 minutes to repair equipment-at the discretion of the RO.
8. Scoring:
 - a. Each bull has 10 points possible.
 - b. A shot is given the score of the highest value scoring ring that is touched by the shot hole.
 - c. An inner ten (X) is a shot that touches the smaller ring inside the ten ring. For this competition only, the highest number of Inner ten shots (X's) will be used to break ties.
 - d. Crossovers (shooting at another's target): The person crossing over will lose the score on that round. The target crossed over onto, will be scored using the highest point value.
Shooters should notify range officers immediately upon noticing a cross over shot.
9. 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.
10. **Parent/coach responsibility: Junior:** A parent/coach must accompany the shooter to the firing line and must load and charge the pistol for the youth. **Intermediate:** parent/coach to be on the line- and may help charge pistol. **Senior:** coach/parent must be available in close proximity but behind the firing line.
11. For SAFETY considerations, all participants will abide by the range rules (including the CBI requirement) and the directions from the Range Officer or they will be disqualified. Enforcement of these rules is the responsibility 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.
12. NRA International Pistol rule book (CI 16500) will address rules not covered by the Missouri 4-H Shooting Sports rules.

If you have questions about the Air Pistol rules, contact: Rick Hinton 573-288-5409 (evenings)

Lewis County 4-H Hunting & Outdoor Skills Rules

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

1. Hunting Skills event will open at 8:00 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)
 - a. Junior (8-10)
 - b. Intermediate (11-13)
 - c. Senior (14-18)
3. **Components of the Hunting Skills event:** There are three (3) components to Hunting Skills.

a. Written test

Each age 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 aides 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

Compass Course

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.

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. Participant should bring their own bow (and arrows) which must meet the following criteria
Maximum draw weight of 60 lbs.

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 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 that is titled "Topographic Map Symbols" (free from USGS)

"Instructions" or "Directions" pamphlet that comes with every compass

"Be Expert With Map & 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

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 class for boys and girls. Age division determines yardage.
2. Competitors may shoot in both of the Archery categories, but this will count as their two events: 1) re-curve/longbow, 2) compound. Competitors shall compete in their appropriate age category. Advanced Archery: All bow types will compete together-FITA, Field, and 3-D.
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 ranger 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 score before 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 a zero. 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 target is scored, coaches may review under supervision of the scorer.
13. Scoring Rings – scoring is determined by the position of the shaft. The shaft must touch the higher ring to score the higher value. 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.
14. 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 JUDGMENT.

Archery Superintendents: John Waterman: 660-216-5899 (evenings)
Ed Sweet: 573-288-36529

MUZZLE LOADING RULES

Muzzleloading Superintendent: Robert Deters 573-288-3953 (evenings)

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 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. Juniors (11-13 years) b. Seniors (14-18 years)
4. **NOTE: CHANGE IN 2009!** Course of Fire: **Paper bullseye at 50 yards.** Juniors 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 Assoc) TG2406 -100 yard, 8 ring black
<http://www.nmlra.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** provided. Shooters must use the powder provided but do have the option of using the caps provided or use their own. (DO NOT BRING YOUR OWN POWDER)
 - Powder limit will be a maximum of 60 grains.
 - Powders provided will be: Pyrodex RS, Triple Seven 2f (both by Hodgdon) and Goex 3f black powder.
 - No. 11 caps, musket caps, or 209 primers are required.
 - If you bring your own caps** – 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 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! 24

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. The 20 minute time limit would begin after the second attempt is cleared 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 minute 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 ring 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 "Xs"
- 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 Rifle Association Muzzle loading Rifle, Pistol and Shotgun Rules #CB16380.

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. All shooters will shoot two rounds. One round is 25 targets.
4. Only junior and senior shooters may compete in trap.
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 shooter.
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 Superintendent/Range Officers:
Jim & Deann Turner 573-494-3684 (evenings)
David McCutchan 573-288-3988 (evenings)
Jeff Schultz 573-406-3939 (evenings)

.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

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 will be issued the required ammo when they register. The ammo will be **standard velocity T-22 Winchester** ammo normally used in 4-H competition. Competitors must use this ammo in the match.
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 in the any-position class if they wish.
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.

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:

Larry Spurgeon	573-288-5722	Chris Schnelle	573-209-4007
David McCutchan	573-288-3988	Rick Hinton	573-288-5409