

**Delaware 4-H Archery Contest  
Information and Guidelines**



**The State 4-H Archery Contest will be held on Friday, July 26, 2019**

**Location of Event:** The PURPLE PARKING LOT outside of the main fairgrounds

**Shuttle service:** Shuttle service from the 4-H Building to the Archery contest site will be available. Shuttles will leave at 12:15 PM and 1:00 PM. Be sure to ride the appropriate shuttle to allow you to arrive at the archery competition site by your stated reporting time. Participants can also decide to travel on their own directly to the event site. *Please be sure to follow the signage and park in the marked areas.*

**Reporting Times:** -- The following reporting times will be used for this event;

- "Senior" participants (ages 14 – 19) 12:30 PM
- "Intermediate" participants (ages 11 – 13) 1:15 PM
- "Junior" participants (ages 8 – 10) 2:00 PM

**Qualifications:**

Participants must be 8 to 19 years old, currently in a 4-H Archery Club or other 4-H Shooting Sports activity. Participants must have been through a 4-H Shooting Sports Archery training program at a 4-H camp or be an active member of a 4-H club archery project group. *It is expected that youth will know their eye dominance and be able to indicate the type of bow they shoot with (right or left).*

# DELAWARE STATE FAIR – 4-H ARCHERY GUIDELINES

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## DELAWARE STATE FAIR – 4-H ARCHERY GUIDELINES

### NEWS MEDIA

In light of recent news stories, which makes all Shooting Sports programs a very sensitive subject, innocent comments made by individuals can be twisted into comments with an inappropriate context and shed a negative light on our 4-H Shooting Sports programs. It is requested that all Archery event participants, their parents, guardians or any family members and event officials, refrain from speaking to any form of news media, reporters or photographers. If you are approached by any member of the news media and asked questions or are asked to make comments, Delaware 4-H asks that you politely direct them to the most senior 4-H Shooting Sports Instructor/Official or a Delaware 4-H Staff member present at the event. Seniority includes: 4-H National Shooting Sports Coordinator (Conrad Arnold, MD), State 4-H Shooting Sports Coordinator (Kristin Cook), Delaware 4-H Program Leader (Doug Crouse), County Agents/Coordinator(s), Extension Program Assistants, or as a last resort one of the event officials, like the events Range Safety Officer.

# DELAWARE STATE FAIR – 4-H ARCHERY GUIDELINES

## AGE GROUPS:

- Junior ( 8 – 10)
- Intermediate (11 – 13)
- Senior (14 – 19)

## Archery Categories:

- Recurve
  - Junior, Intermediate, Senior
- Compound
  - Junior, Intermediate, Senior

## Archery Match Event

- Scoring: FITA target 10-ring scoring method will apply
- Age Division and distance of target:

<u>Age Division</u>	<u>Distance to in yards</u>
Junior (8 – 10)	7.5 yds 10 yds 15 yds
Intermediate (11 – 13)	10 yds 15 yds 20- yds
Senior (14 – 19)	15 yds 20 yds 25 yds

**Shooting Requirements:** Each participant will shoot a total of 9 arrows.  
Three arrows per distance for each respective age division.

## Equipment Requirements and Limitations for Match

Recurve bows and arrows will be provided, but you may bring your own. Safety equipment (arm guards and finger tabs) will be provided and are required. The judge will perform a safety check on all equipment being used in competition to assure it is safe to use. Compound Bows are not provided; participants must bring their own compound bow with appropriate arrows.

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**Equipment Standard:** Recurve bows and compound bows will compete in separate categories.

### Recurve:

One adjustable sight pin, Kisser Button, Torque Compensator permitted. No string peep sight or mechanical releases permitted.

### Compound:

Mechanical release or release aids, torque compensator, peep sights and front sights are allowed. A maximum draw weight of 60 pounds is allowed.

### Arrows:

Arrows must match the bow being used for both length and strength. Wooden arrows **WILL NOT** be permitted for use with compound bows. No hunting, broadheads or expandable points are permitted.

## Judging

- The judge will conduct the scoring for each participant using FITA target 10-ring scoring method.
- The judges have the right to disqualify a participant for unsafe or disorderly conduct.
- The judges have the right to prevent unsafe equipment from being used in the competition.

## Tie Breaker

1. The total score at the longest distance on record will serve as the first tie breaker. The individual with the highest total score at the longest distance will take the higher placing. This tie breaker will not require an additional round.
2. The total number of “10 scores”, at all distances, will serve as the second tie breaker. The individual and most “10” scores will receive the higher placing. This tie breaker will not require any additional rounds.
3. The total number of “9” scores will serve as the third tie breaker. The individual with more “9 scores” will receive the higher placement. This tie breaker will not require an additional round.
4. This practice will continue with 8, 7, 6, 5 etc. until a tie has been broken.

## Top Competitor Recognition

Recognition is made for the top ten placements in each age division and bow category. (Please keep in mind that this is a learning experience and competition is secondary and that all participants are winners.). Results will be posted in the 4-H Building – ‘The Centre’ approximately 90 minutes following the conclusion of the event. Please check the bulletin board for the results.

# DELAWARE STATE FAIR – 4-H ARCHERY GUIDELINES

## EXPLANATION of TERMINOLOGY

**Archer** – 4-H youth who is currently participating in the competition portion of the Archery event.

**Archery event** – The Delaware State Fair 4-H Archery competition, taking place at the Delaware State Fairgrounds in the Purple Parking lot, for the purpose of providing youthful competition and youth development through competition, social interaction and youth development with youth from other 4-H clubs.

**Archery Event Officials** – All State and County level U of D 4-H extension program personnel. 4-H National Coordinator, 4-H State Coordinator, a three (3) County Coordinators, 4-H Shooting Sports Coordinator, 4-H Level 2 Certified Archery Instructors, the events CRO and RSO.

**Archery Range or Archery Range area** – The area where the Archery competition will be taking place and will be “roped off” with stakes and yellow caution tape to protect non-participants from accidentally entering the danger area presented by the archery competition.

**Coach** – Parent, Guardian, Youth or Adult acting to help an Archer improve his/her Archery skills.

**CRO** – Chief Range Officer

**Dry Fire** – This is when a bow is drawn, without an arrow nocked to the bow’s string and the string is released without the arrow. This is an extremely dangerous condition.

**Dropped Arrow safe zone** -- The area three (3) yards in front of the Shooting/Firing line will be considered to be a Dropped Arrow safe zone. (See Dropped Arrow rules)

**Event Officials** – See Archery Event Officials

**Grounding your Bow and Arrows** – Grounding your Bow and Arrows refers to one of several options.

1. The Archer may place his/her bow and Arrows on the ground with the tip of the arrow crossing the Shooting/Firing line with the point of the arrows pointed toward the targets.
2. The archer may elect to use a ground bow holder/quiver. The bow holder/quiver shall be oriented so the bow is crossing the shooting/firing line with the tip of the bow pointed toward the targets. The arrows shall be in the quiver with the points of the arrows pointed toward the ground.

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3. An Archer may elect to use a bow stand and either a hip quiver or a bow quiver. The bow can be placed in the bow stand straddling the Shooting/Firing line with the back of the bow's limbs facing the targets. Arrows can be carried in the hip quiver or a bow quiver, provided once the arrows are removed from the target they are immediately placed in the quiver.
4. A combination of the above can be used, but the orientation of the bows and arrows must be maintained as listed above.

**Head Judge** – The person designated by the event coordinator for this position. This could be one of the scorekeepers, the CRO, the RSO or the event coordinator themselves.

**RSO** – Range Safety Officer

**Scorekeeper** – Those individuals appointed by the event coordinator to pair up with an archer to score the targets.

**Shooting/Firing line** – The Archery competition area has multiple Shooting/Firing lines for the various distances used for the different age groups and Bow types.

(7.5 yds 10 yds 15 yds 20 yds 25 yds)

**Spectator(s)** – Any person not actively participating in the current portion of the Archery event, Archer(s) not currently participating in the current round of Archery competition, 4-H youth(s) not actively participating in the Archery event, parent(s), adult(s), guardian(s), friend of participant(s), coach(s), News media, Photographer(s), Videographer(s), person(s) attempting to take picture(s), audio recording(s) or video(s) of the Archery event, or people who are attending the fair and either aren't related to the Archery participant(s) or have just stopped by to watch the event.

**Target Line** – The target line is a line two (2) yards in front of the targets. Archers are to wait at this line until their targets have been scored and their scorekeeper indicates to the archer that they may retrieve their arrows from their target.

**Waiting Line** – Since the Archery competition area has multiple Shooting/Firing lines, the waiting line will be the shooting/firing line immediately behind the active shooting/firing line. Active archery shooting participants, scorers, and judges are expected to stand behind this line when not actively shooting, scoring or retrieving arrows.

## DELAWARE STATE FAIR – 4-H ARCHERY GUIDELINES

### RANGE RULES

#### THE 10 COMMANDMENTS OF ARCHERY SAFETY

1. I will always treat my bow and arrows as a firearm and not point them at anything that I do not intend to shoot.
2. I will not nock my arrow or draw a bow when a person is in front of me, and I will always shoot toward a target.
3. I will never “dry” fire a bow without an arrow (pull back on a bow string with no arrow in place.)
4. I will never shoot an arrow straight up.
5. I will never release an arrow where I cannot see the entire flight of the arrow.
6. I will never shoot an arrow that is too short for my draw or too weak for my bow.
7. I will not shoot at a target that is too thin to stop my arrow.
8. I will not shoot toward houses, highways, livestock, or where there are people.
9. When shooting with another person, I will not go forward to retrieve my arrows until an “all clear” sign has been given. When looking for arrows beyond the target, I will set an arrow in the top of the target to warn others that I am behind the target.
10. I will not use damaged equipment. I will check arrows before shooting, for loose feathers/vanes, points, and nocks and repair before using. I will check for frayed strings and inspect arrows and bows for cracks, and destroy them if damaged in any way

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### General Rules for the Delaware 4-H Archery competition

1. Arrows – Minimum arrow weight of 5 grains/pounds of bow draw weight. No larger than 27/64” (0.422” in diameter for arrows and 0.425” in diameter for points maximum). Make sure arrows are marked in some fashion, so they can be told apart from other Archer’s arrows.
2. Bows – Peak Draw weight cannot exceed 60 pounds. No electronic sights. Illumination of pin is allowed.
3. NO communication devices allowed on the range. This includes archers, coaches, parents and/or spectators. (This does not apply to the Archery Event officials.)
4. All archers SHALL remain with their group during shooting and until all score cards are signed and turned in. Archers must turn in all score cards as a group. Archers MAY NOT leave the range until score cards are turned in. Archers must add their scores on their own (no parental/coach help). If an archer needs help they may ask for assistance from a range official.
5. Score cards must be signed by the scorekeepers and the archer before turning them in or they are not legal.
6. Be prepared for anything and everything including weather, mud, mosquitoes, sun exposure and heat.
7. NO SMOKING, DRUGS OR THE CONSUMING ALCOHOL IS PERMITTED ON THE RANGE AND/OR IN THE RANGE’S SPECTATOR AREA. (Violators WILL be asked to leave or WILL be escorted from the area)
  - a. Alcohol and drugs are NOT allowed in either the Archery Range area or the Archery spectator area. Intoxicated individuals will be asked to leave the area immediately or be escorted from the premises.
  - b. No smoking, including use of electronic cigarettes, is allowed on the Archery Range or in the Archery Spectator area.
8. Dress Code: Appropriate for the weather, but modest and acceptable. 4-H attire is encouraged. (Reference the more detailed explanation regarding Dress Code.)
9. Coaches may use spotting equipment.
10. Archers shooting extra arrows will have the value of their highest arrow not scored plus one penalty point per extra arrow shot.

Archers are only allowed to have three (3) arrows in the Archery Range area at a time. If an arrow needs to be replaced or exchanged the Archer shall request the RSO grant a momentary break, so a new arrow can be retrieved from the Spectator area or an arrow can be exchanged for a different arrow. (Spare Archery tackle shall be kept in the Spectator area.)

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11. NO COACHING by Coach(s), Adult(s), Guardian(s), and other Archer(s) not currently participating in the event, is allowed during the match's activities.

Encouragement offered to archers is welcome as long as it is NOT directing their shooting.

- a. If an Archer has an equipment malfunction or an equipment breakdown or problem, which is above the level of the archer to handle, he/she will immediately inform the RSO and request permission for a quick pause in the event to correct the equipment problem. The Archer may exit the Range and consult their Coach or parent for a period of NO MORE than 5 minutes to resolve the problem.
  - b. Archers may at any time request a momentary pause in the competition, by requesting permission from the RSO for a momentary pause in the event, for hydration, the application of sunscreen or insect repellent, to take medication needed on a timed schedule. The pause is to last no more than 5 minutes.
12. Participants, coaches, spectators or parents are NOT allowed on the official archery range used for the competition, unless permission has been granted by the Compound AND Recurve archery Chief Range Officer. Practice or warm up shots are NOT allowed in the State Fairs Parking areas other than within the boundaries of the official archery range.
  13. Deliberate shooting at or attempting to shoot at any living animal while on competition ranges is grounds for ejection from the event or from the match.
  14. Under no circumstances is "sky-drawing" permitted.
  15. Scorecards must stay in possession of the archer at all times until turned in. At no time shall coaches, parents, spectators or volunteers have access to scorecards.

## DELAWARE STATE FAIR – 4-H ARCHERY GUIDELINES

### Whistle commands and/or verbal commands

- Does everyone understand what the terms RANGE HOT and RANGE COLD mean?
  - RANGE IS HOT – Shooting is either active or shooting is imminent.
  - RANGE IS COLD – All arrows are either in a target or in a hip/ ground quiver and all bows are either on the ground or safely in a bow stand with no bows, within the active shooting area, in a participant’s hand.
- Does everyone know the whistle commands?
  - Whistle and Voice commands

**NOTE:** Before any Whistle commands are issued, all participants must be behind the waiting line. Spectators, outside the archery competition area, must stand behind the imaginary shooting/firing line, which would represent the active shooting line outside the Archery Range. The active Shooting/Firing line will be moving as the competition advances from one distance to the next distance. (ABSOLUTELY NO NEWS MEDIA, PHOTOGRAPHERS, VIDEOGRAPHERS, PARENTS, or any other SPECTATORS WILL BE ALLOWED BEYOND THE ACTIVE SHOOTING LINE, **NO EXCEPTIONS**) (Anyone seen forward of the firing Line will be asked to leave the Archery range area. If the same person is seen forward of the firing/shooting line a second time, they will be asked to leave the Archery event. If they fail to comply, Fair Security and/or the State Police will be called to escort the individual(s) from the archery event and possibly the State fair grounds.)

- A CEASE FIRE or The Range is COLD condition will be in effect and will remain in effect as long as spectators are forward of the Shooting/Firing Line.
- Before starting an end, the RSO will normally ask “**Are Archers Ready**”.

### Special Voice Commands

- **FIRST END -- Voice Command -- “Archers report to the Shooting/Firing Line, Ground your Bows and Arrows and return to the Waiting Line.”**
- **SECOND AND THIRD END – Voice Command – “Archers report to the Shooting/Firing line, move your Bow and Arrows back to the next Shooting/Firing line and Ground your Bow and Arrows and return to the Waiting Line.”**

### Two Whistles & Voice Command

**“Archers report to the Shooting/Firing Line”**

- Archer’s may report to the Shooting/Firing line, **DO NOT** pick-up an arrow till instructed to do so by either the appropriate whistle and/or voice command(s). (Archers violating this rule will be warned once. Since this is a safety issue the Archer will be disqualified for the second violation)

### One Whistle & Voice Command

**“Archers may Fire When Ready” or “Commence Firing”**

- Archer’s may now pick-up an arrow and Shoot/Fire their arrows when ready.

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- Once an Archer has completed shooting their 3 arrows, they will ground their bow and return back behind the **Waiting line**.

### Three Whistles & Voice Command

**“Scorekeepers may score their targets and Archers may retrieve their arrows once scoring is complete”**

- Target Line – The Target line is a line two (2) yards in front of the Targets. Archers are to wait at this line till their targets have been scored and their Scorekeeper indicates to the Archer that they may retrieve their arrows from their target.

### Four or more whistles – ***“CEASE FIRE”***

- Anyone may call a CEASE FIRE and why?
  - When a CEASE FIRE is called, **ALL ARCHERS** will repeat **CEASE FIRE** as loudly as possible. Does everyone understand?
- What will **ALL ARCHERS** do when a **CEASE FIRE** is called?
  - All Archers will immediately stop what they’re doing
  - If an Archer has an arrow at full draw or is in the process of drawing an arrow, they will let down on the arrow (NOT FIRE) and immediately return it to its quiver.
  - All Archers will repeat the **CEASE FIRE** Command
  - All bows will be immediately grounded or returned to their stands
- If ***anyone*** is seen either inside or outside the Archery range area forward of the Shooting/Firing Line, anyone seeing this unsafe condition **WILL** call a **CEASE FIRE** immediately.

## DELAWARE STATE FAIR – 4-H ARCHERY GUIDELINES

### **Dress Code** Shooting Sports Dress code (Safety starts here)

Participants and coaches are expected to dress appropriately for the events in which they are participating. This dress code should be followed at all times during the event, from check-in to the closing ceremonies, including practice time.

4-H shirts are encouraged, but not required. Both young people and adults should wear attire appropriate for the weather while remaining modest. While these codes can leave a lot to interpretation, it is important to recognize that individual choices can at times, bring unwanted attention either to an individual or to the group as a whole.

### **Miscellaneous Dress Code Items**

- Long hair must either be worn up, in either a ponytail, braided, in a bun, in pigtails etc.
- Jewelry and/or any items worn around the neck shall either be removed or must be tucked inside the archer's shirt and won't accidentally fall back out when the archer shoots, bends over to retrieve arrows, picks up items off the ground or when they bend over.

### **Footwear:**

- All participants on a shooting line or involved in an outdoor shooting event are required to wear shoes that completely cover the foot.
- Examples of inappropriate footwear include, but is not limited to:  
Sandals, Clogs, Crocs, Flip-flops, Bare feet

### **Outerwear:**

- Participants are expected to dress appropriately for the event.
  - Uniforms, team and club shirts appropriate for the event may be worn.
  - Shorts, skorts, and skirts must be at least finger-tip length, with arms extended and shoulders relaxed, while standing, so that modesty is maintained in all shooting positions.
    - Tank tops with spaghetti straps, muscle shirts, bare midriffs, low necklines, or otherwise revealing clothing will not be allowed.
    - Clothing with sexually suggestive wording or graphics; and alcohol or tobacco advertisement is not appropriate.
    - Leggings (tight fitting/yoga-type stretch pants) are allowed when worn underneath compliant shorts, skorts or skirts.
    - Dress for the weather, while remaining modest and socially acceptable.
    - The Event Officials and RSO has the final say concerning dress code.

The Range officials, national committee members, State Committee members and County Shooting Sports Committee members and the Shooting Shoot organizers will enforce the dress codes, if required. All participants, coaches, parents, and family members must remember that they may be photographed or interviewed by 4-H staff. Let's do all we can to make sure that is a positive image for 4-H!

## DELAWARE STATE FAIR – 4-H ARCHERY GUIDELINES

### Required Equipment

- Arm Guards must be worn at all times while actively participating in the Archery competition
- A Finger Tab or an Archery Glove must be worn at all times while actively participating in the Archery competition

### Additional Safety Rules

- 4-H Archery Range Rules and Procedures WILL be followed (Unless otherwise noted here)
- **NO HORSEPLAY !!!**
  - No horseplay will be tolerated while in the Archery Range Area. Depending of the severity of the Horse Play infraction, participants caught engaging in horse play will be warned once and will be disqualified from the event the second time. (An example of a sever infraction would be using arrows to simulate or engaged in fencing with arrows, which would result in immediate disqualification from the competition.)
  - Adults with children in the spectator area will be responsible for the conduct of their children and/or the children that accompanied them to the Fair. No horseplay will be tolerated in the Spectator area, or in the vicinity of the spectator area of the Archery Range competition area, that could distract the attention of the Archers participating in the Archery event. Disruptive spectators will be asked to cease their disruptive activity and if the disruption continues, they will be asked to leave the area or in extreme cases, the State Fair security personnel and/or the State Police will be called to escort the individuals out of the Archery Competition area.
- Arrows will ALWAYS be nocked with the tip of the arrow pointed toward the target area.
  - If an Archer failures to follow this safety procedure, he/she will be warned ONCE. If the safety procedure is violated a second time the participate will be disqualified from the competition.
- **Sky Drawing** a bow is a safety violation and will NOT be tolerated
  - Does everyone know what the term Sky Drawing means?
    - Explain what Sky Drawing is.
  - It is the responsibility of each Archer's Scorekeeper to observe their Archer's draw technique. The RSO shall be advised by the Scorekeeper if an athlete, when drawing back the string of his bow uses any technique, which in the opinion of the Scorekeeper and/or RSO could allow the arrow, if accidentally released, to fly beyond a safety zone or safety arrangements (overshoot area, net, wall etc.). If an athlete persists in using such a technique, he/she shall, in the interest of safety, be asked by the 4-H official responsible for the coordination of the Archery event, or the Chairperson of the Archery Event or if no other 4-H officials are present, the RSO, to director of Archer to stop shooting immediately and to leave the field.

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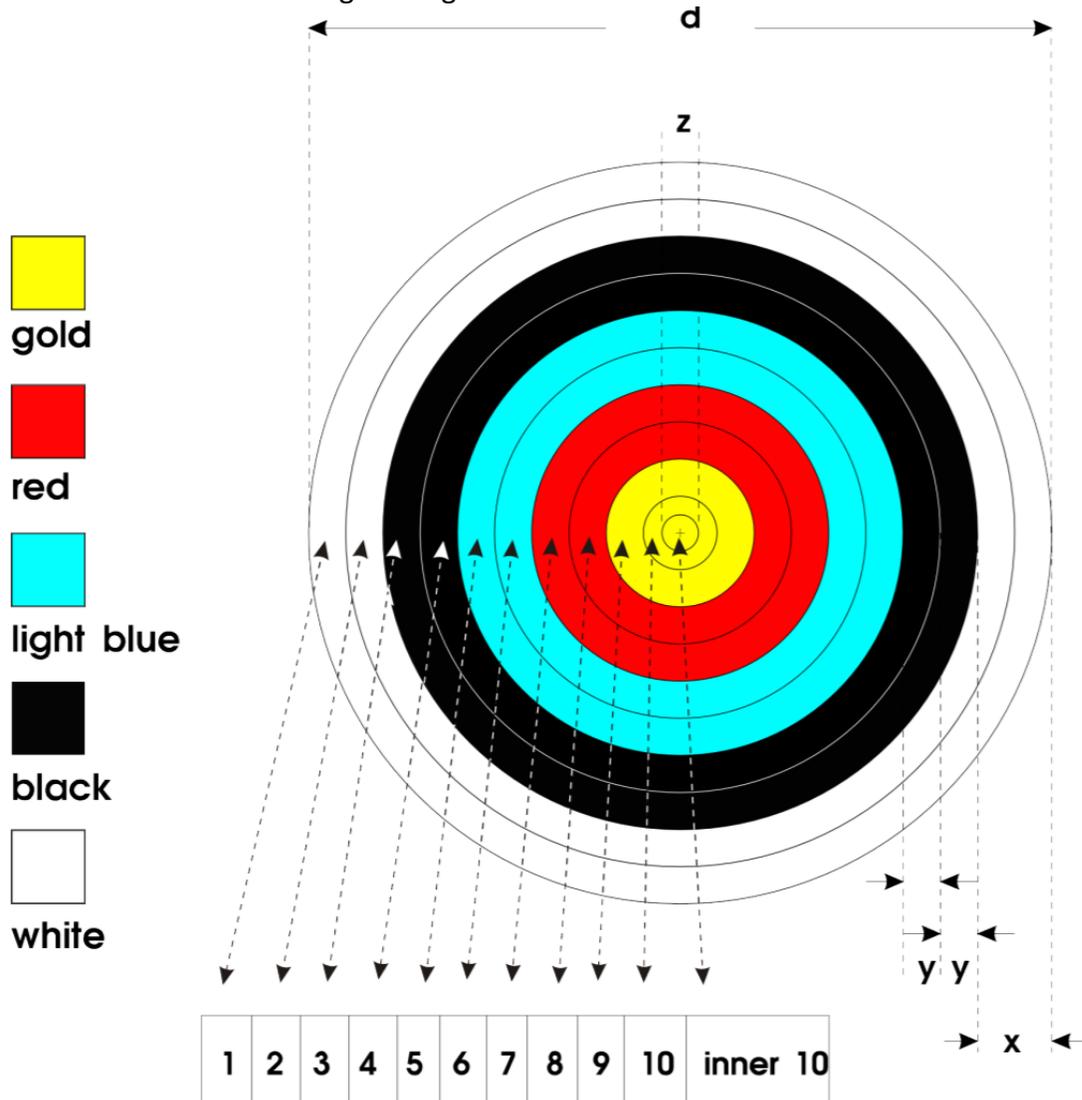
### Dropped Arrows

- The Dropped Arrow Safe Zone is the area three (3) yards in front of the Shooting/Firing line. A Dropped arrow does not include arrows shot at a target, hitting the target and bouncing back into the Dropped Arrow zone.
- If an Archer drops an arrow in the Dropped Arrow Safe Zone and it can be retrieved BY THE ARCHER WHO DROPPED THE ARROW and they can retrieve the arrow without moving either of their feet from their current shooting position, they may do so without informing the RSO.
- If the arrow falls in the Dropped Arrow Safe Zone and no portion of the arrow is touching or in front of Dropped Arrow Safe Zone, the Archer shall wait until all of their other arrows have been shot and will raise their hand, to signal the RSO of the condition. Once all other Archers have shot their arrows, the archer may retrieve their arrow and shoot it.
- If any part of a dropped arrow falls on or beyond the Dropped Arrow Safe Zone, the Archer shall wait until all of their other arrows have been shot and will raise their hand, to signal the RSO of the condition. The RSO will make a determination if the arrow can be retrieved and reshot, or if any part of the arrow is on or beyond the Dropped Arrow Safe Zone. If the arrow is considered to be beyond the Dropped Arrow Safe Zone, the arrow will be considered a shot arrow and will be counted as a zero (0) score.
- If an Archer is seen retrieving a dropped arrow from the Dropped Arrow Safe Zone, where the Archer must move their feet from their normal Archery shooting stance, or someone other than the Archer that dropped the arrow, attempts to retrieve the dropped arrow for the archer from the Dropped Arrow Safe Zone, the RSO, CRO and head judge, along with the participants involved in the infraction, will meet to determine the seriousness of the infraction and to disqualify the participants who created an unsafe condition if the seriousness of the infraction is deemed serious.

# DELAWARE STATE FAIR – 4-H ARCHERY GUIDELINES

## Scoring

- Modified FITA 10 Ring Scoring rules will be used for this event.



## DELAWARE STATE FAIR – 4-H ARCHERY GUIDELINES

### Scoring and retrieving arrow procedures

- All Archers and Scorekeepers are to walk around the perimeter of the area between the Shooting/Firing line and the Target line. Archers and Scorekeepers are not to walk directly from the Shooting Line to the Target line.
- When the Scorekeeper and Archer reaches their Target Line, an Arrow(s) that failed to reach the target, and is in the area between the Shooting line and the Target line, may be retrieved by the Archer while the Scorekeeper is scoring his/her target. The Archer shall then report to their Scorekeeper how many arrows they retrieved in this area, so the arrow(s) can be marked as a zero on the scorecard.
- All Archers are to report to the target line and await instructions from their Scorekeeper. The Scorekeepers will score the targets, while the archers are waiting at the Target line.
- If an Archer shoots an arrow at the wrong target, the score for that arrow will be zero (0), regardless of the score of the arrow in the wrong target. If an archer repeatedly shoots at the wrong target, they will be disqualified from the competition.
- If an archer touches an arrow in a target, prior to being instructed by their Scorekeeper to retrieve their arrows, any arrows touched by the Archer will be scored as a zero (0).
- If a Scorekeeper is unsure of how an arrow should be scored, they will raise their hand to indicate to the Head Judge and/or RSO that assistance is needed in scoring the target.
- Once the Scorekeeper has completed scoring their Archer's target, the Scorekeeper will inform the Archer that they may retrieve their arrows.
- If an arrow's score is being disputed by the Archer, the disputed score must be brought to the Scorekeeper's attention prior to the Archer touching any arrows in the target. The Archer is to inform the Scorekeeper that he/she does not agree with the score. The Archer and Scorekeeper will raise their hand and ask the Head Judge/RSO to determine the proper score for the disputed arrow or score. The Head Judge and/or RSO's will make their judgment, which will be the final judgment.
- Once the Scorekeeper has completed scoring their target, they are to stand behind the Target line while the Archer retrieves his/her arrows from the target.
  - The Archer is to ensure that the area between the Target and the Target line is clear before pulling arrows from their target. It's the Archer's responsible to ensure the area between the Target and Target line is clear, before pulling each arrow to ensure that no one will be accidentally jabbed by an arrows nock as each arrow is being pulled from the target.
  - Arrows are to be pulled from the target one at a time, using the approved 4-H arrow removal methodology.

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- If an Archer has had any arrows pass beyond their target, once their target scoring has been completed, the Archer will remove one of their arrows from the target and insert it into the top of their target, to indicate to the RSO that they have arrows that went past their target. They will then raise their hand to signal the RSO that one or more of their arrows are in the area beyond the targets. The RSO will assist the Archer to retrieve any passed arrows. If the Archer and RSO have trouble finding and retrieving any passed arrows a three (3) minute time period will be allowed to find the past arrow(s). If the arrow(s) are not easily found in a timely manner, the arrow will be deemed lost and the Archer will replace the lost arrow with a replacement arrow.
- The Archer and Scorekeeper may walk directly back from the Target line to the Shooting/Firing line.

## DELAWARE STATE FAIR – 4-H ARCHERY GUIDELINES

### Carrying Arrows

There are three (3) 4-H approved methods of carrying arrows. Anyone carrying arrows, Archers, Scorekeepers, Judges, the RSO or the CRO are to carry arrows in one of these approved manners.

#### Arrows carried behind the archer (Preferred method):

1. (Right handed archer “**Dominate hand**” NOT Dominate eye)  
Archers should use their dominate hand to remove arrows from their target. A right handed archer should normally stand on the left side of their target to remove their arrows from the target, as their right hand will normally be stronger than their left hand, which will make it easier for them to grasp the arrows to pull them from the target while their left hand only needs to steady the target during the arrow removal process.

With the right-handed archer standing to the left side of the target, pull each arrow from the target and drop them on the ground with the arrows perpendicular to the target and the points of the arrows pointed toward the target.

2. Once all three (3) arrows have been pulled and are all lying on the ground together, reach down with your right hand and grasp the points of all three (3) arrows in the palm of your right hand.
3. Now simply stand and tuck the arrows behind your back with the fletchings/vanes of the arrows behind your right shoulder blade and turn and walk back to the Firing Line to place the arrows into your ground quiver.



#### Hip Quiver

The second preferred method of carrying arrows is in a hip quiver, when using a hip quiver; the arrows MUST be immediately removed from the target and placed in the quiver. (Bow quivers are discouraged as the archers are required to either leave their bow at the Shooting/Firing line or behind the next Waiting Line.)

#### Carrying the arrows by hand in front of the archer (Discouraged method)

This method of carrying arrows requires the points of the arrows to be grasped in the palm of one hand, with the shaft of the arrows grasped around the crest of the arrows with the other hand. The arrows are then carried at chest level approximately one (1) foot in front of the Archer parallel to the ground back to the Shooting/Firing line.

**NOTE:** If an archer is repeatedly seen carrying their arrows in a method other than one of the three (3) approved methods, they will be warned once and disqualified from the competition for their second violation.

## DELAWARE STATE FAIR – 4-H ARCHERY GUIDELINES

### Proper method of arrow removal from target

Archers should pull arrows from their target with their “Dominated Hand” (Do NOT confuse your “Dominated Hand” with your “Dominant Eye”)

#### Right hand dominate archer

1. The archer should stand on the left side of the target.
2. Place the webbed area of the left hand, the area between the thumb and forefinger, around the arrows one at a time to pull the arrows from the target.
3. The best practice for pulling arrows, is to start with the arrow highest in the target and closest to the archer. Use the webbed area between the thumb and forefinger of the left hand to apply pressure as close as possible to the base of the arrow.
4. Grasp the arrow with the right hand as close as possible to the base of the arrow, as close as possible to the target, and firmly pull the arrow straight out of the target, while applying a slight twisting motion.
5. If the archer has a problem pulling arrows from their targets, an arrow puller can be purchased, which will greatly increase the archer’s ability to grip the arrow to pull them from the target.

#### Left hand dominate archer

1. The archer should stand on the right side of the target.
2. Place the webbed area of the right hand, the area between the thumb and forefinger, around the arrows one at a time to pull the arrows from the target.
3. The best practice for pulling arrows, is to start with the arrow highest in the target and closest to the archer. Use the webbed area between the thumb and forefinger of the right hand to apply pressure as close as possible to the base of the arrow.
4. Grasp the arrow with the left hand as close as possible to the base of the arrow, as close as possible to the target, and firmly pull the arrow straight out of the target, while applying a slight twisting motion.
5. If the archer has a problem pulling arrows from their targets, an arrow puller can be purchased, which will greatly increase the archer’s ability to grip the arrow to pull them from the target.
  - When the Archer reaches the original Shooting/Firing line, he/she shall place their arrows across the Firing Line with the points of the arrows pointed toward the targets.
  - The Archer and the Scorekeeper will then walk back behind the next Waiting line till all Archers, Scorekeepers, the CRO and RSO are all back behind the Waiting line.

## DELAWARE STATE FAIR – 4-H ARCHERY GUIDELINES

### Range Setup:

- Modified FITA with a variety of Shooting distances
  - The Shooting line immediately behind the current shooting line will be considered the current Waiting line.
- Archery participants, spectators and event personnel shall NOT enter or exit the Archery Range by passing either under or over the Caution Tape used to define the perimeter of the Archery Range. The only exception will be for an Archer or RSO to retrieve an arrow, which was shot past the targets, or while setting up or disassembling the range. Other than these exceptions, Archery participants will be immediately disqualified from the competition. Spectators will be asked to leave the Archery competition area immediately. If necessary Fair Security will be called to effect their removal.
- Archery Range Entry and Exit -- Entry into and out of the Archery Range will be via the designated entry gate.
- Spectators are never to enter the Archery Range, other than designated Scorekeepers. If a spectator does enter the Archery range and they are asked to leave the area and they do not immediately leave the area, their youth will be disqualified from the competition. (Even if the competition is over with, the youths score card can still be immediately ripped up and discarded)
- A Spectator arguing with an Archery Event official will be cause for their youth to be disqualified from the competition. (If the competition is over with, the youths score card can still be immediately ripped up and discarded)
- Spectators, Parents and Coaches must remain outside the designated Archery area at all times, unless you are a designated Scorekeeper, if a Scorekeeper who has a youth participating in the event, he/she will not be allowed to score their own youths target. If a parent or guardian is inadvertently paired with their youth, they will immediately notify either the head judge or the RSO so they can be switched with another Scorekeeper.