**4-H Shooting Sports National Championships**

**Nebraska National Team Archery Compound and Recurve Selection Criteria**

**Overview**

Nebraska will select 4 archers for the Compound Archery Team and 4 archers for the Recurve Archery Team. The team members will be selected using the same scoring criteria that are used in determining individual rankings at the 4-H Shooting Sports National Championships. The scoring criteria will be detailed below. The three events used in the selection for the 2018 National Team will be the 2017 Nebraska State 4-H Archery 3D, 2017 Nebraska State 4-H Archery Target and 2018 Nebraska State 4-H Indoor Archery Championships.

Only two archery classes are contested at Nationals, Compound and Recurve. Nebraska 4-H Archery classes used to select archers for these two classes will be as follows:

Compound – Young Adult Freestyle, Bowhunter Freestyle and Freestyle Limited

Recurve – Young Adult Olympic Recurve and Basic Bow

Only if we don’t have enough archers to field a team out of the specified classes, we will then look to any 14 year olds in the same youth classes as identified above.

**Scoring**

Because of the desire for each event and discipline to have equal standing in determining “overall” awards, various methods of scoring have been used. Whether raw scores, placement points or percentage points are used in determining awards at the 4-H Shooting Sports National Championships …none is perfect. This is because of three different shooting events for each team category; each with varying degrees of difficulty, different scoring opportunities within each event (0 to 5 for Indoor 300 vs. 0 to 10 on Outdoor Target vs. 0, 5, 8, 10, 11 on 3D), and varying raw score potential (i.e. 600 points for Outdoor Target compared to 330 points for 3D and 300 for Indoor). Therefore; the national steering committee has decided to use the modified percentage points in the attempt to be as fair and equitable as possible. Please read closely as the scoring methodology is explained.

**Modified Percentage Points (%)**

Modified percentage scoring can help equalizes the point differences between events. For example: a raw score potential of 330 in 3D compared to 600 points in Outdoor Target.

It also better reflects the relative excellence of competitors compared to placement points.

 Raw Score Mod %

 Competitor A 1st 586 pts. 1.0000

 Competitor B 2nd 578 pts. .9863

 Competitor C 3rd 574 pts. .9795

 Competitor D 4th 573 pts. .9778

In this example, a placement point differential of (1) is the same when A is compared to B - 586/578(8 pts. raw score) as well as when B is compared to C - 578/574 (4 pt. raw score) and when C is compared to D – 574/573 (1 pt. raw score). Most people feel that relative excellence should be considered when determining High Overall Awards within a shooting discipline/category. The modified percentage scoring method permits this.

A modified % will be used at the National Championships. Using the highest score recorded for a particular event as the baseline rather than the “perfect” score helps in equalizing the various difficulties of different daily events.

Modified % Formula: Individual Score = % score

 Highest Score

Highest four archers combined scores (3D, Outdoor Target and Indoor) from the modified percentage points scoring will be the archers selected for each team, Compound and Recurve.

Compound scores will include Young Adult Freestyle, Bowhunter Freestyle and Freestyle Limited.

Recurve scores will include Olympic Recurve and Basic Bow.

Ties for high overall individuals by modified percentage points will be broken using the average placing in events. Each event has its own specific method for breaking daily tie scores.

**Coaches**

Coaches will be selected for each team, Compound and Recurve, by the State 4-H Archery Committee.

**Registration**

All interested shooters will register online to be considered for the National Archery Compound and Recurve Team. Only shooters registered will be considered.