



Scoring Change to Modified Percentage Points

Over the past few years, Florida Shooting Sports has taken steps to better align itself with the 4-H National Shooting Sports Invitational in June. The last step in this effort was to adopt the scoring method used at the National Invitational, Modified Percentage Points. Other shooting sports disciplines already use this method. Archery will now be adopting it as well.

We realize this is a big change and will take some getting used to. With this method, all events carry the same weight. No longer will FITA scores have more of an impact than Field/3D. For this reason, it is important that 4-H archers become proficient in all three events giving them the best chance of placing high.

A modified % will be used at the Traditional Match in February and the State Match in March. 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 events. This is because two different shooting events have varying raw score potential (i.e. 217 points for field/3D compared to 720 for FITA). The modified percentage gives both events an equal value in determining overall scores. This, along with a goal of shaping the Florida Shooting Sports program to be as close to National 4-H Shooting Sports Invitational as possible, has led to the decision to use a modified percentage scoring system in an attempt to be as fair and equitable as possible. Modified percentage scoring is also a better alternative in determining for High Overall Individual and Team awards because tie-breakers will not affect the result as does placement points. Please read closely as the scoring methodology is explained.

MODIFIED PERCENTAGE POINTS FORMULA

$$\frac{\text{Individual Event Score}}{\text{Highest Event Score}} = \% \text{ Event score}$$

- Overall Individual Awards - determined by an individual’s total accumulated modified percentage points from the (2) events in which they participated, Field/3D and FITA.
- Overall Team –determined by a team’s total accumulated modified percentage points from the (2) events in which they participated.

MODIFIED PERCENTAGE (%) POINTS EXAMPLE

Modified percentage scoring can help equalize the point differences between events. For example in Division 8 archers: a raw score potential of 217 in 3D/Field compared to 720 points in FITA. Example: Archery-FITA –(720).

		<u>Raw Score</u>	<u>%</u>	<u>Mod %</u>
Competitor A	1 st	621 pts.	.8625	1.000
Competitor B	2 nd	601 pts.	.8347	.9678
Competitor C	3 rd	595 pts.	.8263	.9581

In this example, a placement point differential of (1) is the same when A is compared to B – 621/601(20 pts. raw score) as well as when B is Compared to C – 601/595 (6 pts. raw score). Most people feel that relative excellence should be considered when determining High Overall Awards within a shooting discipline. The modified percentage scoring method permits this.

For more information, contact Bill Tillett, wtillett@ufl.edu or Julia Kelly, julia.kelly@ufl.edu.