

MBH State 3D Rules

Amended 5-15-2016

Statement

This is the official rules for the Missouri Bow Hunters Association's State 3D tournament. These rules have been constructed by the MBH 3D Committee.

Competition Committee

The Competition Committee will be composed of the MBH 3D Chair, MBH 3D Committee members, and the MBH Officers present at the event. The Competition Committee will review all grievances and protests, as well as interpret the rules. All protests filed that could affect the results of the competition must be resolved prior to the next round of competition, or prior to the announcement of final results. All shooters agree to be bound by the decisions of the Competition Committee as final. Also, a general inquiry for an interpretation of a rule may be submitted in writing to the Competition Committee. The Committee will review the submission at its earliest convenience, and a written response will be provided. No fee is required for this review.

Format

The tournament may be formatted as a 1- day or 2-day event. Together, the MBH and the host club will come to an understanding as to which will work best in their particular situation.

Stated below are the requirements of both formats:

1 day format:

1. Shooters will be "busted" by random drawing and grouped with competitors in the same class prior to the start of the tournament
2. The tournament will begin with a "shotgun start".
3. The double scoring card system will be used. All score cards are completed and turned in, and verified for accuracy.
4. All classes will shoot off. Any class with more than 20 competitors, the top 5 shooters will shoot in a 5 target shoot off. If the class has less than 20 competitors, the top 3 shooters will shoot in a 3 target shoot off.
5. The shoot off will be formatted as such-
 - A. Competitors will start with their score as it was at the end of the round.
 - B. The score they shoot in the shoot off will be added to their round. If there is ties at the end of the shoot off, there will be a 1 arrow shoot off in the fashion of "closest-to-the-12" style.

2 day format:

1. A shooter must shoot both days.
2. The double score card system will be used both days.
3. First day is a trickle start. Peer grouping according to score will be used on day 2.
4. Day 2 will be started by a shotgun start.
5. There will be no shoot off in the 2 day format, unless a tie in the top 3 must be broken.

Whenever possible, groups will be limited to no more than 5 shooters per group but no less than 3 shooters per group.

Any ties after shoot off will be broken by number of 12 rings. If a top 3 place tie cannot be broken by bonus rings, and if time and weather permit at that tournament, the “Closest-to-the-12” tie breaker procedure will be used. Each shooter will shoot one arrow and the arrow that is closest to the center of the 12 ring will win the shoot off.

Known yardage/unknown yardage mixed range-: Known yardage shooters are encouraged to bring rangefinders as there is no guarantee the club will make a range card depicting yardages. Also, since both known and unknown yardage competitors are shooting the same range and targets, it is preferred that known shooters shoot in groups with their peers, if possible.

The ASA payback scale will be used. This scale can be found at the end of this rule book. There will be no flighting.

Scoring

Scoring: targets shall be scored 12, 10, 8, 5, 0. The center 12 ring shall be the only 12 ring in play.

1. All information on the scorecard must be accurate with all information completely and properly filled in. Information blocks that are incorrect or incomplete will result in a deduction of ten points from their score.
2. If the number of 12 Rings is left blank it will be scored as zero.
3. No changes may be made to the official score card after the scorekeeper and shooter have signed the scorecard. Any changes must be initialed by the scorer and the shooter. If a shooter changes his scorecard after it has been signed by the scorekeeper, the shooter will receive a score of zero for that tournament and will be brought before the Competition Committee for further action.
4. Each group will designate two members of their group as “Scorekeepers” who will record all scores for the group, but they may not maintain their own individual “official” colored scorecard.

5. Three individuals will be designated as “Scorers” but no one will be allowed to score their own arrow. In groups of four the third scorer will be alternated between the scorekeepers for the other scorekeeper’s arrow. In groups of three the scoring will be done by all three but an individual may not score their own arrow, or record the official scorecard for their own arrow.
6. Scorers will agree on a score for each arrow and call out the results to be recorded on the respective shooter’s scorecards by the Scorekeepers.
7. Scorekeepers will maintain the official colored scorecard for each shooter and be responsible for recording each arrow. A scorekeeper may not keep his or her own “official” card. Scorekeepers will record the total score and total number of 12 Rings at the end of the round.
8. The completed official colored scorecard must be reviewed and signed as correct by the Scorekeeper and the shooter, as well as initial the back of the card. Any shooter turning in an “official” card on which they are both the shooter and scorekeeper will receive a score of zero for that day.
9. The Scorekeepers for each shooting group will turn in the official scorecards for the group together except when a shooter is permitted to make-up targets due to an equipment failure or other approved leave. Shooters assume full responsibility for the accuracy of the information and scores on their cards. Any group that does not turn in their scorecards together before leaving the range will be subject to receiving a score of zero for that round.
10. All arrows must remain in the target until all arrows are scored.
11. The arrow shaft must be touching a portion of the next highest scoring line to be scored for the higher value.
12. All scoring shall be done with the naked eye without the aid of any special magnification with the exception of prescription glasses or contacts.
13. The status of any doubtful arrows must be determined before drawing any arrow from the target. The score is based on the status of the arrow while all other arrows remain in the target. Arrows may not be removed until a scoring judgment has been made and no changes may be made to the score after removal of any arrow.
14. Targets may not be moved or dislodged for scoring purposes.
15. If both Scorers are in agreement, the score will stand. Should the Scorers be unable to reach an agreement, the Scorekeepers (except on a call of their own arrow) will alternate the responsibility of making the final determination before any arrows are removed. Groups will be responsible for calling their own arrows. MBH Officials will not make arrow calls except when a group has only two shooters or during special competitions and shoot-offs.

Shooter and scorers should not move, touch, push, or have any other contact with the arrows prior to scoring.

Any arrow embedded (“Robin Hood”) in the nock of another arrow will be scored the same as the arrow it is embedded in.

Any arrow rebounded off another Arrow (a “Robin Hood” that strikes and damages another arrow and does not proceed toward the target, but bounces back) will be scored the same as the arrow it struck, provided the damaged arrow can be identified.

Target “Pass Through” or “Rebound” without striking another arrow:

- (1) Arrows passing through the front of, but still in, the target will be pushed back and scored,
- (2) If the group agrees that an arrow passed through the targets insert seam, the shooter will be given a score based on the point of pass through not to exceed eight (8) points.
- (3) If the group agrees and confirms that the arrow actually passed through the target due to the high number of arrows that had been shot at the target, the range official is to be notified and the shooter will be allowed to take the score where the “pass-through” occurred as determined by the group up to a maximum score of 10 points or
- (4) If the group agrees that the arrow “rebounded” out of the target without striking another arrow the shooter will be allowed to take the score where the rebound occurred up to a maximum of ten (10) points.

Special Note: A score of 12 will not be permitted under sections 2, 3 or 4 of this rule.

Glance-outs- if the arrow that was originally in the target can no longer be nocked and shot from a bow string, in its condition immediately following the shoot that damaged it, the arrow that glanced off it will be score the same as the original arrow.

Classes/Shooting Rules

Open Classes: May use any compound or recurve bow, sight, release, stabilizer or equipment unless specifically prohibited in any other part of these rules, or by a ruling of the Competition Committee. Overdraws do not designate shoot class or shooting style. Sight type and/or release type is the determining factors for all non-Open classes.

Fixed Pin Classes: No pin limit Stabilizer Rule:

- A. front stabilizer or a system including quick releases, enhancers and/or weights may be used, but may not exceed twelve inches (12”) in total length from

- the tip of the stabilizer (or system) to the point of attachment on the front of the riser provided by the manufacturer.
- B. A rear stabilizer or counter balance weight system may be used with a maximum of two extensions, but may not extend more than six inches (6") in length as measured from either:
- (1) the point of attachment on the rear of the riser provided by the manufacturer, or
 - (2) if there is no rear point of attachment the system may not extend more than six inches (6") beyond the back of the grip. There are no restrictions for the Unlimited Class.

MBH reserves the right to review any equipment / accessories and determine its suitability for competition. MBH retains the right to waive certain equipment restrictions or shooting rules under specific circumstances for physically challenged competitors. Screw in style points and glue in points are both acceptable. The following equipment / accessories are prohibited in all classes:

- (1) broadheads or any other point or tip not intended for target use;
- (2) retaining mechanisms which allow the bow to be mechanically held in the drawn position;
- (3) laser sights or devices;
- (4) devices or any outside agency (including stabilizer bar or prop stick) that allows the mass weight of the bow to be relieved from either arm while shooting.

A shooter must shoot an arrow of at least 5 grains per pound of bow weight. There is no speed limit on any class or division.

Maximum arrow diameter of .422 will be enforced.

Shooter must either

- 1) be touching the shooting stake with some part of their body or
- 2) straddle the shooting stake with one foot on both sides of the shooting stake and their body directly over the stake.

It is desirable to have no more than 5 shooters per group while on the range and must have at least 3 shooters per group while on the range.

Shooting Divisions

Men's Pro (Pro Card from Archery Organization must be produced)- May use any compound or recurve bow, sight, release, stabilizer or equipment unless specifically prohibited in any other part of these rules, or by a ruling of the Competition Committee. Overdraws do not designate shooting class or shooting style. Sight type and/or release type is the determining factor

for all non-Open classes. This class will shoot all unknown yardages. Max 50 yards. (**Amended 8-23-15**)

Men's Open- May use any compound or recurve bow, sight, release, stabilizer or equipment unless specifically prohibited in any other part of these rules, or by a ruling of the Competition Committee. Overdraws do not designate shooting class or shooting style. Sight type and/or release type is the determining factors for all non-Open classes. This class will shoot all unknown yardages. Max 50 yards.

Men's Known 50- May use any compound or recurve bow, sight, release, stabilizer or equipment unless specifically prohibited in any other part of these rules, or by a ruling of the Competition Committee. Overdraws do not designate shooting class or shooting style. Sight type and/or release type is the determining factors for all non-Open classes. This class will shoot all known yardages. Max 50 yards.

Men's Hunter- No pin limit. Stabilizer Rule: A front stabilizer or a system including quick releases, enhancers and/or weights may be used, but may not exceed twelve inches (12") in total length from the tip of the stabilizer (or system) to the point of attachment on the front of the riser provided by the manufacturer. A rear stabilizer or counter balance weight system may be used with a maximum of two extensions, but may not extend more than six inches (6") in length as measured from either: (1) the point of attachment on the rear of the riser provided by the manufacturer, or (2) if there is no rear point of attachment the system may not extend more than six inches (6") beyond the back of the grip. This class will shoot all unknown yardages. Max 40 yards.

Men's Senior Open (50+, 60+ 70+)- May use any compound or recurve bow, sight, release, stabilizer or equipment unless specifically prohibited in any other part of these rules, or by a ruling of the Competition Committee. Overdraws do not designate shoot class or shooting style. Sight type and/or release type is the determining factors for all non-Open classes. This class will shoot all unknown yardages. Max 50 yards. (**Amended 8-23-15**)

Men's Senior Hunter (50+, 60+, 70+)- No pin limit. Stabilizer Rule: A front stabilizer or a system including quick releases, enhancers and/or weights may be used, but may not exceed twelve inches (12") in total length from the tip of the stabilizer (or system) to the point of attachment on the front of the riser provided by the manufacturer. A rear stabilizer or counter balance weight system may be used with a maximum of two extensions, but may not extend more than six inches (6") in length as measured from either: (1) the point of attachment on the rear of the riser provided by the manufacturer, or (2) if there is no rear point of attachment the system may not extend more than six inches (6") beyond the back of the grip. This class will shoot all unknown yardages. Max 40 yards. (**Amended 8-23-15**)

Traditional- Bow must be either recurve or longbow without wheels or cams. No release aid, no sights, a single stabilizer up to 12" in length measured from the point of attachment, no overdraws, no draw checks, must have one finger touching the arrow nock, and must use one

consistent anchor point. No marks on the sight window, string, or bow to use as an aiming or judging reference. All arrows must be identical in size, weight and construction. This class will shoot all unknown yardages. Max 25 yards.

Women's Pro (Pro Card from Archery Organization must be produced)- May use any compound or recurve bow, sight, release, stabilizer or equipment unless specifically prohibited in any other part of these rules, or by a ruling of the Competition Committee. Overdraws do not designate shoot class or shooting style. Sight type and/or release type is the determining factors for all non-Open classes. This class will shoot all unknown yardages. Max 50 yards.
(Amended 8-23-15)

Women's Open- May use any compound or recurve bow, sight, release, stabilizer or equipment unless specifically prohibited in any other part of these rules, or by a ruling of the Competition Committee. Overdraws do not designate shoot class or shooting style. Sight type and/or release type is the determining factors for all non-Open classes. This class will shoot all unknown yardages. Max 40 yards.

Women's Known 40- May use any compound or recurve bow, sight, release, stabilizer or equipment unless specifically prohibited in any other part of these rules, or by a ruling of the Competition Committee. Overdraws do not designate shoot class or shooting style. Sight type and/or release type is the determining factors for all non-Open classes. This class will shoot all known yardages. Max 40 yards.

Women's Hunter- - No pin limit. Stabilizer Rule: A front stabilizer or a system including quick releases, enhancers and/or weights may be used, but may not exceed twelve inches (12") in total length from the tip of the stabilizer (or system) to the point of attachment on the front of the riser provided by the manufacturer. A rear stabilizer or counter balance weight system may be used with a maximum of two extensions, but may not extend more than six inches (6") in length as measured from either: (1) the point of attachment on the rear of the riser provided by the manufacturer, or (2) if there is no rear point of attachment the system may not extend more than six inches (6") beyond the back of the grip. This class will shoot all unknown yardages. Max 30 yards.

Women's Senior Open (50+, 60+ 70+)- May use any compound or recurve bow, sight, release, stabilizer or equipment unless specifically prohibited in any other part of these rules, or by a ruling of the Competition Committee. Overdraws do not designate shoot class or shooting style. Sight type and/or release type is the determining factor for all non-Open classes. This class will shoot all unknown yardages. Max 40 yards. **(Amended 8-23-15)**

Women's Senior Hunter (50+, 60+ 70+)- - No pin limit. Stabilizer Rule: A front stabilizer or a system including quick releases, enhancers and/or weights may be used, but may not exceed twelve inches (12") in total length from the tip of the stabilizer (or system) to the point of attachment on the front of the riser provided by the manufacturer. A rear stabilizer or counter balance weight system may be used with a maximum of two extensions, but may not

extend more than six inches (6") in length as measured from either: (1) the point of attachment on the rear of the riser provided by the manufacturer, or (2) if there is no rear point of attachment the system may not extend more than six inches (6") beyond the back of the grip. This class will shoot all known yardages. Max 30 yards. **(Amended 8-23-15)**

Young Adult Male/Female (15-17 years old)-** May use any compound or recurve bow, sight, release, stabilizer or equipment unless specifically prohibited in any other part of these rules, or by a ruling of the Competition Committee. Overdraws do not designate shoot class or shooting style. Sight type and/or release type is the determining factor for all non-Open classes. This class will shoot all unknown yardages. Max 40 yards. **(Amended 5-15-16)**

Youth Male/Female (12-14 years old)-** May use any compound or recurve bow, sight, release, stabilizer or equipment unless specifically prohibited in any other part of these rules, or by a ruling of the Competition Committee. Overdraws do not designate shoot class or shooting style. Sight type and/or release type is the determining factor for all non-Open classes. This class will shoot all unknown yardages. Max 30 yards. **(Amended 5-15-16)**

Cub Male/Female (9-11 years old)-** May use any compound or recurve bow, sight, release, stabilizer or equipment unless specifically prohibited in any other part of these rules, or by a ruling of the Competition Committee. Overdraws do not designate shoot class or shooting style. Sight type and/or release type is the determining factor for all non-Open classes. This class will shoot all unknown yardages. Max 25 yards. **(Amended 5-15-16)**

Pee Wee Male/Female (8 and under)-** May use any compound or recurve bow, sight, release, stabilizer or equipment unless specifically prohibited in any other part of these rules, or by a ruling of the Competition Committee. Overdraws do not designate shoot class or shooting style. Sight type and/or release type is the determining factor for all non-Open classes. This class shoots all unknown yardages. Max 20 yards. **(Amended 5-15-16)**

****Age of competitor as of the first day of the tournament.**

NOTE: Due to differences in range finders, target distances set according to the club's range finder may vary slightly from competitors' range finder distances.

RECOMMENDED PAYBACK SCHEDULE

Percentage Paid Per Place

UP TO # SHOOTERS	PLACES PAID	Percentage Paid Per Place																								
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
5	1	100.00																								
10	2	66.67	33.33																							
15	3	50.00	33.33	16.67																						
20	4	40.00	30.00	20.00	10.00																					
25	5	33.33	26.67	20.00	13.33	6.67																				
30	6	28.57	23.81	19.05	14.29	9.52	4.76																			
35	7	25.00	21.43	17.86	14.29	10.71	7.14	3.57																		
40	8	22.22	19.44	16.67	13.89	11.11	8.33	5.56	2.78																	
45	9	20.00	17.78	15.58	13.33	11.11	8.89	6.67	4.44	2.22																
50	10	18.18	16.36	14.55	12.73	10.91	9.09	7.27	5.45	3.64	1.82															
55	11	16.67	15.15	13.64	12.12	10.61	9.09	7.50	6.06	4.55	3.03	1.52														
60	12	15.38	14.10	12.82	11.54	10.26	8.97	7.69	6.41	5.13	3.85	2.56	1.28													
65	13	14.29	13.19	12.09	10.99	9.89	8.79	7.69	6.59	5.49	4.40	3.30	2.20	1.10												
70	14	13.33	12.38	11.43	10.48	9.52	8.57	7.62	6.67	5.71	4.76	3.81	2.85	1.90	0.95											
75	15	12.50	11.67	10.83	10.00	9.17	8.33	7.50	6.67	5.83	5.00	4.17	3.33	2.50	1.67	0.83										
80	16	11.76	11.03	10.29	9.56	8.82	8.09	7.35	6.62	5.88	5.15	4.41	3.68	2.94	2.21	1.47	0.74									
85	17	11.11	10.46	9.80	9.15	8.50	7.84	7.19	6.54	5.88	5.23	4.58	3.92	3.27	2.61	1.96	1.31	0.65								
90	18	10.53	9.944	9.36	8.77	8.19	7.60	7.02	6.43	5.85	5.26	4.58	4.09	3.51	2.92	2.34	1.75	1.17	0.58							
95	19	10.00	9.47	8.95	8.42	7.89	7.37	6.84	6.32	5.79	5.26	4.74	4.21	3.68	3.16	2.63	2.11	1.58	1.05	0.53						
100	20	9.52	9.05	8.57	8.10	7.62	7.14	6.67	6.19	5.71	5.24	4.76	4.29	3.81	3.33	2.86	2.38	1.90	1.43	0.95	0.48					
105	21	9.09	8.66	8.23	7.79	7.36	6.93	6.49	6.06	5.63	5.19	4.76	4.33	3.90	3.46	3.03	2.60	2.16	1.73	1.30	0.87	0.43				
110	22	8.70	8.30	7.91	7.51	7.11	6.72	6.32	5.93	5.53	5.14	4.74	4.35	3.95	3.56	3.16	2.77	2.37	1.98	1.58	1.19	0.79	0.40			
115	23	8.33	7.97	7.61	7.25	6.88	6.52	6.16	5.80	5.43	5.07	4.71	4.35	3.99	3.62	3.26	2.90	2.54	2.17	1.81	1.45	1.09	0.72	0.36		
120	24	8.00	7.67	7.33	7.00	6.67	6.33	6.00	5.67	5.33	5.00	4.67	4.33	4.00	3.67	3.33	3.00	2.67	2.33	2.00	1.67	1.33	1.00	0.57	0.33	
125	25	7.69	7.38	7.08	6.77	6.46	6.15	5.85	5.54	5.23	4.92	4.62	4.31	4.00	3.69	3.38	3.08	2.77	2.46	2.15	1.85	1.54	1.23	0.92	0.62	0.32

