

ANTIQUUE TRACTORS, INC.

RULES

www.antiquetractor.org

Revised for the year 2003

1. TRACTOR ELIGIBILITY: 1955 OR OLDER
2. INFORMATION REQUIRED: The name, address, and telephone number of the driver and the make, model, and year of the tractor must be presented at weigh-in if not previously provided or available on lists maintained by the club. Additional information such as owner and tractor history should be provided to support announcing of the event. At pulls where scales are not available for weigh in, weight slips will not be accepted. Three judges will decide weight based on specifications and /or comparison with comparable tractors of known weight. A \$10.00 annual mailing fee will be collected per family that wishes to receive mailings.
3. All parts of the tractor must be stock and from corresponding model and year prior to 1956 and within manufacturers repair tolerances. No frame modifications will be allowed, such as the altering of wheelbase, etc. Replacement parts from alternate manufacturers are acceptable. All tractors are to have a working muffler. Tractor owner is responsible to supply documentation from manufacturer.
4. Parts non-essential for pulling, such as belt pulleys or 3 pt. hitch equipment, may be removed provided adequately strong, non-leaking closures that are installed over the openings. All working implements such as plows, cultivators, etc. and loose chains must be removed.
5. Original factory weights or at the judges discretion an acceptable equivalent to factory weights may be installed. They must be securely bolted or welded in place. Added weights must be neat in appearance. Maximum 3(three) wheel weights per wheel. A front weight box may be installed. It may be no wider than the frame rails by 10" deep and extending no more than 8" from the front casing. The brackets must be strong enough to support the box safely.
6. It is desirable that all sheet metal be in place. Tractors must be equipped with a hood and fan shroud. Battery must be in a covered box and/or securely bolted in place.

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7. Engines must be controlled by a functioning governor and no overrides are permitted. Maximum no-load RPM is to be per factory specifications plus 10% and is subject to checking with a tachometer by the judges.
8. Seven weight classes. Tractors can only weigh in for one of the seven classes. Only two attempts to weigh in will be allowed. The top two winning tractors in each class will be subject to re-weighing and re-inspection before they leave the pit at the Judge's discretion.

	Maximum Weight	Max tire width
Class I	2500	13.6
Class II	3000	14.9
Class III	3500	14.9
Class IV	4500	15.5
Class V	5500	18.4
Class VI	6500	18.4
Class VII	7500	18.4

- Farmall H, Allis Chalmers WD, Allis Chalmers WD45, and other tractors normally furnished with 38 inch rear wheels will not be allowed to pull in Class II.
9. Pneumatic tires ONLY. R 1 Agricultural tires only are allowed. Tractors must not have tire tread that has been ground or altered in any way other than normal field or road wear. Loaded tires are permissible. Iron wheel tractors for exhibition only. NO dual wheels. Rear radial tires are not permitted. See chart above for maximum tire sizes.
 10. Wheels converted from steel rimmed to rubber tire rims, so called cut off, are permitted provided the tire outside diameter approximates the original steel rim diameter or is larger.
 - Replacement rear wheels are permitted provided the appearance is of normal tractor wheel. Different makes with equivalent

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attachment arrangements are permitted. The rims must be welded or bolted using welded or riveted lugs to the wheel centers.

11. Tractors must be equipped with a horizontal-hooking ring bolted or welded in place **or** with a horizontal clevis ring attached to a bolted or welded-in-place structure. Either one shall have an opening of 2 1/2 inches in diameter minimum and ring or clevis shall have a minimum cross section of 3/4 inch in any direction and maximum cross section of 1 1/4 inch in any direction and the edge of the hole should be smooth and well rounded. The point of contact with the sled chain hook shall be no higher than 20 inches from a hard flat surface with normal tire pressure and no less than 7 inches behind the rear wheel axle centerline for Class 1 and no less than 9 inches behind the rear wheel axle centerline for all other classes. Hitch ring must be fully accessible and chain hook must hang freely without binding no any part of the tractor.

11a: As an alternative, a vertical clevis ring can be substituted but the ring hole is limited to 2 1/2 inches in diameter and the vertical height shall be measured to the center of the hole. The horizontal distance back from the axle centerline is measured to the back edge of the hole. The distance limits remain as stated above. (see sketch)

12. A pair of wheelie bars having flat, rigid steel pads at least 4 inches square are required with the pads located as follows:

Rear Wheel Diameter	Maximum height in inches
24" or smaller	7" max
26" to 32"	8" max
34" and larger	10" max

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RULES

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- The pads in all cases shall project at least 3 1/2 inches beyond the tread surface of the tire measured along a wheel radius and shall be parallel to the ground or angled downward at the front no more than 20 degrees. The supporting structure shall be rigid and sufficiently strong to withstand jacking the rear wheel of the tractor off the ground. (see sketch)

ANTIQUe TRACTORS, INC.

RULES

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Sketch for Rules 11, 11A and 12

WHEELIE BAR HEIGHT:

24 inch rear wheels: 7 inch height

26 to 32 inch rear wheels: 8 inch height

34 inch and larger rear wheels: 10 inch height

WHEELIE BAR PROJECTION

3 1/2 inches - all tractors

HITCH POINT LOCATION

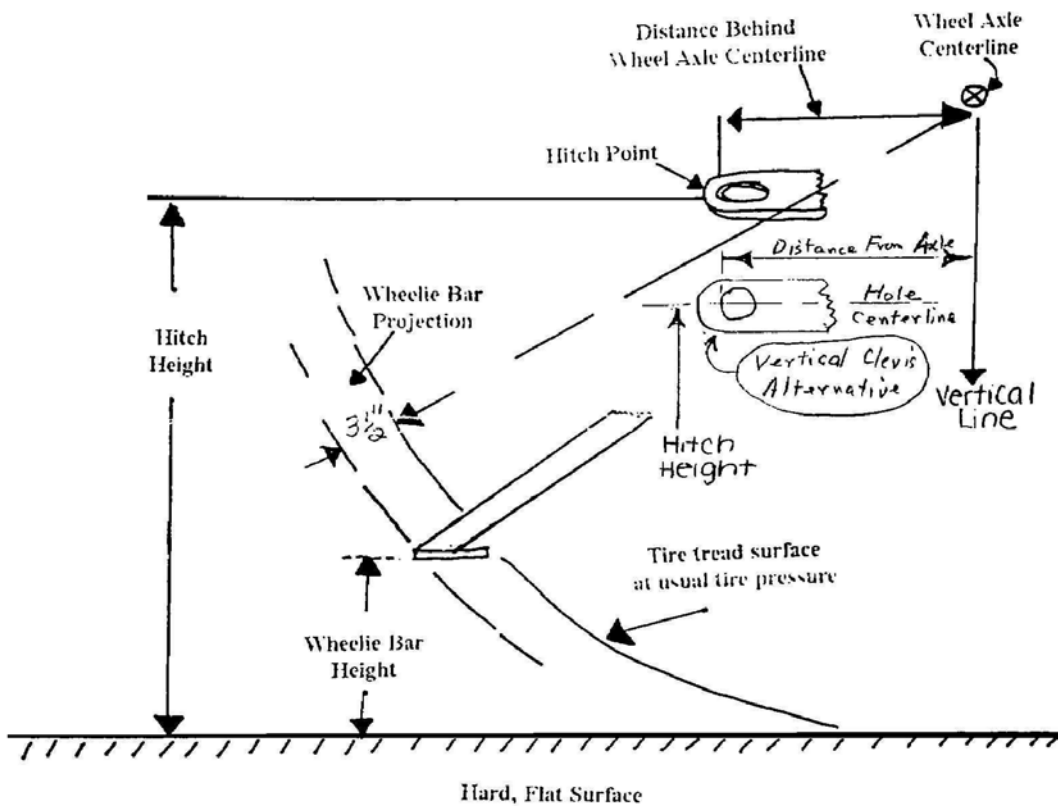
Distance behind wheel axle centerline:

Class 1: 7 inches

Class 2 through 5: 9 inches

Height:

All classes - 20 inches



ANTIQUUE TRACTORS, INC.

RULES

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13. The pull chain is to be a minimum length of 20 inches from the hitch point of the hook to the tip of the sled for Class 1 through Class 7. It will be left to the judge's discretion to lengthen the chain for one or more classes due to safety or other considerations. A driver may request to lengthen the chain for his or her tractor only. NO part of the tractor can contact the sled or chain while pulling, wheelie bars must clear the sled initially, but incidental contact after the sled is moving is acceptable.
14. Twelve (12) foot wide pit. Eight (8) foot pull to go to next round. The number of hitches and time allowed will be determined at respective event. Time starts when the previous tractor passes the end cone after unhooking. The tractor must be in neutral, the driver's hands in the air while hooking and unhooking.
 - A tractor may take a breakdown to correct a problem. Return to the line-up before the next class or the next weight is added to the sled (which ever comes first) allows the driver to complete the interrupted turn. The competitor will return to pull the sled from the same side they were pulling upon taking the breakdown. A tractor on breakdown has 2 minutes after the last tractor of that weight class pulls to return to the line up. If return to the line-up is not made before the next class or next weight is added, a full pull must be made to get any scoring credit for the new weight.
 - Tractor wheels must stay within the marked lines until the tractor comes to rest or after a full pull is made. The hitch is disqualified if any wheel touches a sideline. Tractors arriving late can pull for trophy only if ready to pull before the first weight is added for the applicable weight class unless prior notification is given.
15. The driver is responsible for properly positioning the tractor for hookup. Pit workers make the hookup and may provide guidance and advise if the tractor will clear the sled. The Judge should advise the driver when the sled is pinned and the pull can start. The driver puts the chain under tension and then must fully engage the clutch until the pull is complete. Throttle and brakes may be operated as desired, but no shifting of torque amplifier (multi-power) or gears with or without using the clutch is permitted. The Judge signals to stop when forward motion of the sled stops. It is not a disqualification should wheelie

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RULES

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bars hit the sled after the clutch is disengaged.

16. No increase in the rear tire pressure can be made after weigh-in and / or check-in by the judge. A maximum of one gallon of fuel may be added once the pull begins. Additions must be outside of the pull ring with a judge present.
17. Driver and Hook-up Person. One (1) driver is allowed per tractor and he or she may drive more than one tractor. One (1) hook-up person, other than the driver, is permitted for each tractor but is not required. All participants must be 18 years old or older or 16 years old with written permission. NO children under 16 years allowed in the pulling ring.
18. Normally each driver shall pull the sled in alternate directions in turn. When the middle section of the sled between the metal ends is beyond the center of the pit at completion of a tractor's turn, the next driver will be directed by the judge to pull in the centering direction. The sled may be centered at the judge's discretion at the time a weight is added or between weight classes pulling the same weight. After a weight is added, the first driver has the option of selecting the end to pull, provided any part of the middle portion of the sled between the metal ends is at the center of the pulling area. There is no option for the first tractor of another weight class pulling the same sled weight, unless the sled was centered.
19. All tractors will be operated in a safe manner and drivers will remain seated at all times. No person shall stand in front of or behind the rear wheels of a running tractor in the pit unless it is in neutral and the operators' hands are raised. **NO OPERATING TRACTORS IN HIGH GEAR AT ANY TIME. PLEASE BE CAREFUL.**
20. Any situation that may arise will be left to the Judge's discretion at the time of event. Any tractor violating the rules will be given one (1) warning and will be allowed to pull at the judge's discretion, but will not be allowed to pull for a trophy or ribbon. The tractor must be legalized to rule specifications before it will be allowed to pull at any

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RULES

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further events.

21. Scoring is based on the maximum partial (less than 8') distance a tractor pulls the sled with the next higher sled weight after the tractor completes a
2. full eight foot pull. The highest weight pulled the longest distance wins the class.

22. A portion of the prize money will be distributed to all legal tractors including show tractors, statistician, and club expenditures.