



# 2010 OFFICIAL RULES

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## Tractor Weight Classes

Stock- 15 & Under  
**950 lbs**  
1050 lbs

Stock Altered  
**950 lbs**  
1050 lbs

Super Stock  
1000 lbs  
1050 lbs

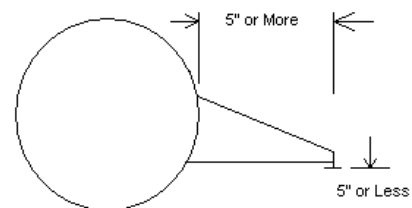
Modified  
1200 lbs  
1300 lbs

Outlaw  
1350 lbs  
1400 lbs

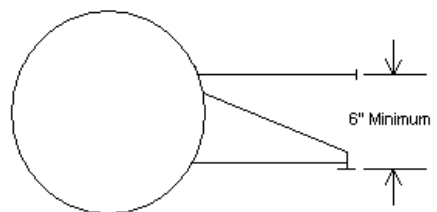
## **Changes for 2010 are highlighted**

### **GENERAL RULES**

1. No consumption of alcoholic beverages or illegal drugs on the track or in the pit area before or during the contest.
2. Operator must remain seated during the pull and must have complete control of the tractor at all times.
3. Tractors must be operated in a safe manner at all times.
4. All pull attempt starts with a tight chain, no jerking of the sled permitted. A pull attempt is defined as moving the sled.
5. No smoking while driving a tractor hooked to the sled.
6. All tractors must have working brakes.
7. The Association will provide at least two (2) working fire extinguishers.
8. Operator must drive and handle the tractor without assistance while keeping one hand on the steering wheel at all times.
9. A qualified operator must be on the seat when the tractor is started unless tractor is hooked to sled with chain (chain must be tight) and kill switch hooked.
10. All weights must be securely mounted.
11. No turbine engines allowed.
12. Maximum of one pull per weight class per tractor.
13. Maximum of two (2) pulls per tractor per event.
14. There will be a 75' false start line, with the option of restarting one time only. Must take next pull. (This rule will not apply on a 'pull-off')
15. All tractors must have adequate wheelie bars. Wheelie bars must support weight of tractor in heaviest class. Wheelie bar pads or rollers must be a minimum of 5" behind the rear most part of the rear tire and no more than 5" above the ground.

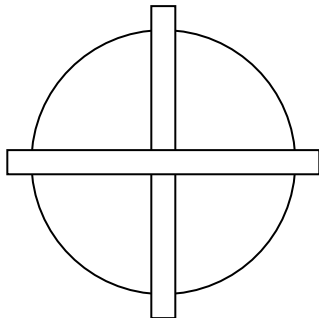


16. Bumper bars are required on all tractors. Bumper bars must be flush with the rear most tip of the skid pad or dolly wheel. Bumper bars must be a minimum of 6" above bottom of skid pad or centerline of dolly wheel and a minimum of 2" behind the rear tires. Bumper bars not included in overall length of tractor.



17. A scale will be provided on-site by the Association. **First puller in each class and any tractor moving the flag will weigh before returning to the trailer.** A fellow member will be responsible for reading the scale.
18. All weight classes are the total of weights, tractor, driver and helmet.
19. Weights may be repositioned on false start or pull off.
20. Rubber tires only. No chains or dual wheels allowed.
21. All units must have a hood, grill, seat above the plane of the top of the rear tire, and garden tractor appearance except outlaw class.
22. No four (4) wheel drive allowed.
23. Diesel engines will be allowed in the outlaw class only.
24. All tractors must have fenders with a minimum of 4" width, covering the top of the tire and down the front side until it connects to the foot pad or 6" above the ground. They are to be made of aluminum, steel or stock material.
25. Maximum 13" drawbar height measured at the top of stationary hitch point. No portion of tractor may interfere with sled chain. All hitches will have minimum of 1 1/4" inside diameter hole and be easily accessible making unassisted hookup possible.
26. All tractors will have readily accessible safety breakaway kill switch connector at the rear of tractor. The kill switch shall be centrally located and shall immediately kill the engine and disable the electric fuel pump if the hitch or chain should break. The connector must be fitted with a ring with a minimum of 2" inside diameter.
27. All tractors must be equipped with a dead man type throttle.
28. No nitrous oxide or compressed gas of any kind allowed.
29. All engines in all classes, except outlaws, must be naturally aspirated.
30. All altered or modified exhaust must be routed safely vertical within 15 degrees in all directions and ahead of the rear axle.

**31. Drive shafts, chains, automotive style clutches, flywheels operating against automotive style clutches, centrifugal super-charger housings, turbo charger housings and engine driven super charger belts must be shielded with a minimum of 1/16" steel. Approved flack blanket is acceptable for flywheel area. All garden tractor style clutches must be shielded with a minimum of 1/8" steel or equivalent strength aluminum 360 degrees. In addition, all super stock, modified and outlaw engines must have shielding to keep any engine parts from leaving engine area in the event of internal engine failure. Engine driven super chargers must have approved restraints to prevent blower from separating from engine in the event of engine or blower malfunction. All shielding shall be designed to protect both operator and spectators. A minimum of two (2) 1/4" bolts must be placed at the exhaust side of the turbo at a 90-degree angle, creating an "X" in the exhaust pipe as shown.**



- 32. All rule interpretations will be made by a Board member. Upon a lodged (formal) protest, the rule interpretations will be made by the board member and one additional board member. Their decision will be final.**
- 33. Anyone with two violations of a major rule as determined by the Board of Directors will be disqualified for one (1) year, plus one (1) week.**
- 34. Maximum tire size for all classes 12x12x26. Bar, agricultural, auto, turf or altered allowed.**
- 35. Maximum time between pulls will be one (1) minute. Last puller will have three (3) minutes. Obvious mechanical breakdowns will be moved to last place in class. A scratch will be allowed for obvious mechanical breakdowns.**
- 36. At the discretion of the Board of Directors, any stock or stock altered tractor may be torn down or inspected following its final pull of the day. Refusal of tear down or inspection will result in disqualification for that day's pull. Board of Directors need not post a protest fee.**
- 37. No portion of any tractor including weights and weight bracket may exceed 8' in length as measured from center of rear axle to furthest point forward. (Wheelie bars and bumper bars not included in overall length)**
- 38. No portion of any tractor including weights and weight bracket may exceed 4" in length as measured from the rear of the tire to the furthest point rearward (Wheelie bars and bumper bars not included).**

39. Helmets must be worn in all classes. Helmet strap must be fastened while pulling.
40. Fire suits must be worn in all classes except Stock- 15 & under.
41. Person who draws #2 pulling position will flag the following class or find a substitute flag person.
42. Person who draws #3 pulling position will hook the following class or find a substitute hook person.
43. Fire extinguishers will be mounted on tractors in all classes except Stock and Stock Altered class.
44. If tractor is stopped by sled operator with brakes or kill switch, tractor will be measured where it was stopped, if in bounds.
45. Flag person's decision will be final on out-of-bounds ruling.
46. Any protest or questions shall be presented to a member of the board in a sportsman like manner. Any violation of this rule will result in ejection from the pull.
47. The side boundaries of the track shall be marked with a line. Any portion of the tractor touching the line will result in disqualification.
48. In the event the sled is changed after the class has started any tractor that has already pulled has the option to drop to the end of the class or remain in original pulling position. It is not mandatory to drop to end of class.
49. Any weights falling off the tractor while hooked to the sled will mean a disqualification for that hook (even within the 75' false start line).
50. Exhibition pulling will be allowed. Exhibition puller must make all attempts to meet all requirements for the class they are pulling. Exhibition pulls will be charged \$10 per hook at payback pulls.
51. No centrifugal clutches will be allowed.

### **STOCK 15 YRS. & UNDER**

1. Stock 15 yrs. & under class eligibility will be determined in this manner: If person is 15 years old on May 1<sup>st</sup> that person is eligible to participate in the 15yrs. & under class for the upcoming pulling season. If person is older than 15 on May 1<sup>st</sup> of the upcoming pulling season they will enter the Stock Altered class.
2. Full length denim pants, shirt and shoes must be worn while pulling.

3. Stock tractors must have stock wheel-base. Chassis and drive train must originate from same brand production garden tractor. Hood, grill, fenders, etc. from another brand of tractor may be used. Modifications may be made to the drive train for the purpose of safety, durability or performance. Maximum 18 horsepower lawn and garden engine. Engine must be stock according to the below specifications and must have been available in the brand of tractor it is in. Original engine position. The only chassis modifications allowed will be those of the same type made by the manufacturer to fit the engine to the frame.
4. Engine must have only unmodified production factory stock parts as follows: cam, valves, rod(s), piston(s), head(s), carburetor and must be of same brand and model of engine except for flywheel. Rod inserts allowed, .030 overbore allowed. (Language regarding throttle stop screw removed.)
5. All overhead valve twin cylinder engine carburetor venturi size restricted to 1.0 inches. All other engine carburetor venturi size restricted to 1.2 inches.
6. A tear down protest consists of a deposit of \$50 by the protestor. Protestors can be anyone competing in that class. Tear down consists of head removal only. If engine is determined stock, protestor forfeits \$50 to tractor owner. If said engine is illegal, owner will forfeit all winnings of the day and all entry fees for this tractor and the \$50 is returned to the protestor. Tear down is by owner or their mechanic.
7. No alterations may be made to the combustion chamber.
8. No nitro-methane or alcohol fuels will be allowed. Specific gravity of .70-.78. Fuel may be protested by Board Member or anyone in that class.
9. Steel flywheels mandatory on all Stock tractors. NO EXCEPTIONS.

<u>Engine</u>	<u>Bore</u>	<u>Stroke</u>
Briggs Van Guard 18HP	2.83"	2.75"
Briggs Van Guard 16HP	2.68"	2.68"
Briggs Single	3-9/16"	3-1/4"
Briggs Twin	3-7/16"	3-9/32"
Kohler Command V-Twin	3.030"	2.640"
Kohler Single	3-3/4"	3-1/4"
Kohler Twin	3-3/8"	3"
Tecumseh Single	3-5/8"	3-7/8"
Wisconsin Single	3-5/8"	4"
Onan Twin	3-1/4"	2-7/8"

## **STOCK ALTERED**

- 1. Stock Altered tractors may have maximum wheel-base of 52". Chassis and drive train must originate from same brand production garden tractor. Hood, grill, fenders, etc. from another brand of tractor may be used. Modifications may be made to the drive train for the purpose of safety, durability or performance. Maximum 18 horsepower lawn and garden engine. Original engine position. The only chassis modifications allowed will be those of the same type made by the manufacturer to fit the engine to the frame.**
- 2. Factory block must be used. No aftermarket blocks allowed. Carburetor must be from same make and model as engine. All overhead valve twin cylinder carburetor venturi size restricted to 1.0 inches. All other engine carburetor venturi size restricted to 1.2 inches. Velocity stacks allowed. Maximum of 2" stand-off from engine to carburetor allowed. Type of carburetor must be available to that engine brand and model. Factory Intakes only. One spark plug per cylinder. Recast Heads allowed but must be factory OEM bolt pattern and have cooling fins if so equipped by factory. Only unmodified factory OEM valve covers are allowed. NO valve cover spacers of any kind allowed. Electric fuel pumps allowed.**
- 3. A tear down protest consists of a deposit of \$50 by the protestor. Protestors can be anyone competing in that class. Tear down consists of carburetor and external checks only. If engine is determined stock, protestor forfeits \$50 to tractor owner. If said engine is illegal, owner will forfeit all winnings of the day and all entry fees for this tractor and the \$50 is returned to the protestor. Tear down is by owner or their mechanic.**
- 4. Tube front axles will be allowed. Front tires must track within the track of the rear tires.**
- 5. Stock appearing grills will be allowed.**
- 6. Steel flywheels mandatory on all Stock Altered Tractors. NO EXCEPTIONS.**
- 7. No nitro-methane.**

## **SUPER STOCK**

1. Super Stock tractors may have a maximum 56" wheel-base. Drive train must originate from a production garden tractor.
2. Engine must have originated from a garden tractor.
3. Maximum width of 4'.
4. Aftermarket blocks will be allowed. Head bolt pattern must be in factory OEM location for that brand of engine.
5. Maximum of 2 cylinders and 1 engine.
6. Tube frames will be allowed.
7. Steel flywheels mandatory in Super Stock tractors. NO EXCEPTIONS.

## **MODIFIED**

1. Motorcycle (liquid or air cooled), Snowmobile (liquid or air cooled) and air cooled automotive designed engines with a maximum of four (4) cylinders.
2. Maximum width of 5'.
3. Twin engines will be allowed.

## **OUTLAW**

1. Maximum of four (4) cylinders.
2. Maximum of two (2) sparkplugs per cylinder on piston engines. Maximum of four (4) plugs total per rotary engine.
3. Maximum width of 5'.

## POLICY

Insurance at the beginning of the year is \$100.00 per family. This covers spouse and any dependents under the age of 18.

Membership will be \$25.00 per puller.

Associate Membership will be \$10.00 per person. This includes banquet meal and membership card.

Any member not paying the insurance fee at the first pull attended may pay a \$20.00 per person insurance fee at each pull. This fee in no way applies to the \$100.00 fee at the beginning of the year.

Members will not pay an entry fee at pulls (nor will there be a pay back).

Non-members will pay a \$20.00 per person insurance fee per event and a one time \$5.00 event fee. Membership purchase will be required at the next event attended.

## POINTS SYSTEM

Each season will be divided up into 3 equal divisions at the beginning of the pulling season. Any pulls that get added once the pulling season has started will be added to the division that they fall in. For each division, a puller will receive points determined by the place of finish and number of pullers in their individual class (i.e. 10 pullers, 1<sup>st</sup> place would receive 10 points, 2<sup>nd</sup> place would receive 9 points, etc. to 10<sup>th</sup> place would receive 1 point). At the end of each division, pullers will be issued Division points for their finish (1<sup>st</sup>, 2<sup>nd</sup>, 5<sup>th</sup> etc.). The number of pulls in that division will determine the maximum number of points (6 points for 1<sup>st</sup>, 5 points for 2<sup>nd</sup>, 4 points for 3<sup>rd</sup>, 3 points for 4<sup>th</sup>, 2 points for 5<sup>th</sup> and all others in the class would receive 1 point). At the beginning of each division, all pullers start with a clean slate and the process starts all over again.

At the end of the season the division points earned for each division by the puller will be added up to determine the overall winners of the class. There will be Division winners and Overall Class winners. Trophies will be issued on this basis at the year-end banquet.

At the beginning of the year, each overall winner will receive a banner which they will display at each pull in the first Division after which the banner will be passed to the winner of the 1<sup>st</sup> division who will display it for the duration of the division. And they in turn will pass it on to the winner of the 2<sup>nd</sup> division.

Any tractor that attends a pull that gets rained out will receive 1 point. To receive your rain out point you must report to the Secretary or a Board Member at that pull. If you do not request your rain out point before leaving that pull you will not receive it. Any tractor being disqualified will not receive points. Non-members will not receive points. How you finish in Payback pulls will break all point ties for Overall Points.

The Board of Directors may with a majority vote institute a pay back system for Members only at individual pulls if they so desire. Trophies may also be awarded for some events.