

Missouri Farm Pullers General Rules 2022

- Membership is mandatory. Yearly membership is \$75 for the vehicle and \$50 for EACH driver. One day membership will be \$50, after that you must pay remaining \$75.
- Must be a paid member to vote.
- Drivers under age 18 must have written parental consent (signed form good for 1 season) and be able to demonstrate control of their tractor (steering, clutch, stopping and backing).
- All pullers are required to be signed-up 30 minutes prior to start of event. Failure to do so will result in that puller being assigned first pulling position in the classes signed into at that event.
- Vehicles in all classes will have to pass a tech committee inspection. A Sticker will be provided for each vehicle passing tech inspection. Must have sticker displayed to pull. The sticker will be good for one season, but the vehicle may still be subject to inspection if protested.
- The official pull measurement will be taken from the sled's reading. The cones at the end of the track are for reference purposes only.
- If any contact point of the vehicle touches or crosses the out of bounds line, the pull will be disqualified. The out of bounds line will be marked from the start line to the full pull line.
- Exhaust pipes MUST be straight up and down. NO CURVED PIPES and NO RAINCAPS.
- Drivers must stay in the seat of the vehicle at all times while hooked to the sled. One hand must be on the steering wheel, hand clutch, hand brake, or throttle at all times during the pull.
- Any vehicle or puller found to be unsafe or illegal may be disqualified or barred from hooking. This includes excessive use of alcohol.
- Any weight or external part falling off the vehicle and touch the ground after being hooked to the sled and until unhooked will result in disqualification.
- Diesel, gas and LP fuels only. Gas can be used with a max specific gravity of 750. NO alcohol or nitrous oxide allowed. All vehicles will be subject to random fuel check.
- All seats must be stationary side to side.
- All rules will be interpreted by the MFP Board. Any unforeseen problems or oversights will be ruled on by the rules committee with their findings being final.
- Protest must be made by a puller in that class. A protest must be made to a track official before the start of the next class. The protesters vehicle will also be checked. Any vehicle found to be illegal will forfeit all winnings and points for the first offense. If found illegal again for the offense, the vehicle, driver and owner will be banished from all MFP pulls for 1 year and 1day from the date of infraction.
- No entry for a class after that class has started, and no more than 2 classes per vehicle.
- **5 MPH** speed limit in pit/scale area as well as entering and exiting the track. This includes 4-wheelers/support vehicles. Anyone observed violating this rule will be asked to leave.
- Officials have the right to re-weigh or re-tech any vehicle any time after they have pulled.
- All engine fans must be shrouded with factory shroud or minimum of 1/16" thick steel.
- No weights permitted on seat or deck, this includes cabs.
- All vehicles must be equipped with working brakes.
- Contestant has 150' to the front most part of pulling vehicle to decide on change of gear, one restart per class. No restart permitted in a pull off.

- IF the tractor reaches 150' mark and the sled lights are activated but sled horn is not sounding, that Puller will receive a rehook—to be determined by the track judge and 150' flagger.
- Driver must be in total control of vehicle at all times while pulling and operate in a safe manner or be disqualified at the discretion of the flag person.
- Vehicle must be stopped upon signal from track official. Pull is considered over when forward motion of the sled stops. NO hole digging allowed.
- All vehicles must be in neutral with hands/feet off throttle while hooking/unhooking from sled.
- There will be NO OPTION PULLS.
- Each puller may spot the sled for their pull. Must do so before the sled is backed into the start position.
- All contestants must pull in position drawn within 2 minutes of sled spotting or will be disqualified. Track officials must be notified of any delays, and then the contestant may become the last puller in the class.
- All pulls must start with a tight chain, NO JERKING.
- Any exhibition pull must be made at the end of the night after all sanctioned classes have pulled. Must have sled operator and MFP Board's approval.
- 100lb weight tolerance will be allowed in all classes.
- 300ft flagger is the track official.
- If the Tractor doesn't come to a stop when the red flag is issued then the Tractor forfeits the points of that hook and pays the association a \$100 fine before the Tractor can hook again.
- 60% of the events must have an entry in the class to become a points class.
- A vehicle must hook 60% of the scheduled events in order for the class to become a points class champion.

Tire Size Chart

**Tire sizes taken from the Firestone Super All-Traction 23 chart (bias ply)
And Firestone Radial All Traction 23 chart (radial)**

Tire Size Bias	Footprint (sq. inches)	Tire Size Radial	Footprint (sq. inches)
18.4x34	300	18.4R34	320
18.4x38	320	18.4R38	340
18.4x42	345	18.4R42	350
20.8x34	350	20.8R34	360
		18.4R46	365
20.8x38	380	20.8R38	390
20.8x42	400	20.8R42	420
23.1x34	420	23.1R34	425
24.5x32	430	24.5R32	440
30.5x32	450	30.5R32	500

Missouri Farm Pullers Tractor Rules 2022 Continued

- 20in. maximum hitch height, 18in. minimum from center of rear axle. 3 x 3 ½ "eye, ¾ "minimum thick. No hitch point above center line of rear axle. NO STRAIGHT CLEVISIS.
- Tip over bars are mandatory. Must be 10" maximum height, 5" x 5" pad, and must extend past the radius of tire. Must be able to support the weight of the tractor in its heaviest class if jacked up one side at a time.
- Tire size: 6500lb-7500lb 18.4x38 max or less than 340 square inch foot print, 8500lb-12500lb 20.8x38 max or less than 390 square inch footprint as per Missouri Farm Pullers tire size chart.
- Radial tires allowed in all classes.
- No cut tires. All tires must be agricultural tread design (per 2019 Board of Directors)
- No aluminum wheels front or rear.
- Must have stock appearing sheet metal.
- Must have fenders which will support weight of driver.
- No homemade front ends.
- Narrow front end tractors are allowed to pull in 8 & 10mph classes only.
- Diesel tractors: must have stock appearing injection pump in the stock location for the year and model of tractor. NO "P" PUMPS.
- Gas Tractors: Must use agricultural type carburetor. Must also have factory appearing ignition system.
- S300 (out of the box) max turbo charger with a 2.36 inlet wheel with a 2.40 housing compressor. Wheel must protrude into the housing 1/8". **NO BILLET WHEEL FOR THE MAXIMUM TURBO** Turbo will be checked with a 2.41 slug.
- Turbochargers allowed in all tractor classes.
- 3000 RPM maximum in all tractor classes.
- All tractors must have an IssPro single magnetic pickup attached to front of the engine, to measure engine RPM with female plug connection on back of the tractor for connection to RPM box on sled.
- No water/alcohol injection, propane injection, or nitrous.
- MFWD tractors must have front end locked out.
- No duals, steel wheels, or chains.
- 13ft. maximum from center or rear axle forward.
- All weight brackets must be stationary, fixed-locked.
- Rear weights cannot extend more than 12" past the radius of the rear tire.
- All 3 point top decks must be OEM or OEM factory delete for the make and model of the tractor.
- All Diesel tractors MUST be equipped with an air shut off and it MUST have a 2 inch ring that is ¼ inch in thickness at the rear of the tractor.
- All gasoline tractors MUST be equipped with an ignition shut off and it MUST have a 2-inch ring that is ¼ inch in thickness at the rear of the tractor.
- 8MPH tractors that do not have all safety equipment will be allowed a "one time ONLY" hook per pulling season.
- 10MPH and 12.5 MPH tractors that do not have all safety equipment will NOT be allowed to hook.
- NO DISC BREAKS ALLOWED.
- You can run Weld-on hubs.
- Planetary final drives DO NOT have to be in stock position on ALL tractors.
- All tractors must have a spring-loaded guillotine style air shut off positioned after the air cleaner with no collapsible connectors.
- Optional 18mph classes 9500lb & 11,000lb (no points for these classes). Tractor must hook at least 1 other points class per event. Tractor can only hook 1 optional class per event.
- Optional Class for tractors pulling in the 11,000 and 12,000 pounds 8mph classes, can pull in the 12,500 12.5mph class with no points.
- There is a 3-year lock on ALL tractor rules.