

2018

Warren County Farmers' Fair

**ADULT GARDEN TRACTOR PULL**

Saturday, July 28<sup>th</sup>

Time: 9:00 a.m.

Main Arena

7 A.M. Tractor weigh-in - Main Arena

Tractors must be on the grounds by 8am

Pull starts at 9 a.m.!

**Registration for ALL classes will be closed at 8:30 a.m.**

ORDER OF PULL:

All 4 classes from Youth Round 1

All 5 classes from Adult Round 1

All 4 classes from Youth Round 2

All 5 classes from Adult Round 2

# Warren County Farmers' Fair Garden Tractor Pulling Rules

1. NO ALCOHOLIC BEVERAGES ALLOWED. Any driver drinking before or during a pull will NOT be allowed to pull at that event and will be escorted from the grounds. THIS IS STRICTLY ENFORCED.
2. All drivers must sign a waiver. Any driver 17 years of age and under must have a parent or legal guardian sign for them and the parent or legal guardian must be in attendance at the pull. **The driver must be able operate tractor on his/her own (start, stop and steer).**
3. All drivers must attend the drivers meeting before each pull.
4. Drivers must watch the flagman at all times.
5. NO unsafe or reckless driving or acts will be permitted on the track, on the return road or in the pits. NO PASSENGERS ALLOWED ON TRACTORS AT ANY TIME. Violators will be disqualified for the day. NO REFUNDS.
6. Drivers must wear long pants, DOT (or better) approved helmet in all UNGOVERNED classes. Fire suit required for any machine running Alcohol.
7. Hitch heights and weights are the responsibility of the drivers. Periodic checks of these will be made throughout the daily event. IF YOU BUMP THE STUMP YOU WILL BE TECHED OUT!!!
8. The sled operator or flagman reserves the right to stop the pull anytime he deems an unsafe condition exists and he can only issue another pull one time.
9. If a unit breaks before entering the track the driver may drop to last pulling position. If there are any further delays it will result in disqualification in that class. Once your class has started there will be no refunds if you drop out.
10. Only one driver per machine per class unless otherwise noted.
11. Pullers will be disqualified if any part of the machine touches the out of bounds line during the pull; this includes the first 35-ft. (50 ft. for open rpm) and the class test puller. Wheels may go over the line and back in as long as they do not touch the line or the ground outside of the line.
12. NO portion of the machine can interfere with the sled hook-up or unhooking.
13. The first puller in a class will be the test puller. The test puller may take the first pull or drop to third place, with the next puller becoming number one. Test puller must say he is coming back before driving away. If sled is changed the one who was test puller can come back first, third or last in the class.
14. A puller has two attempts to move the sled in a class if on the first attempt the sled goes no farther than the 35 foot marker.
15. Weights may be changed after the first attempt if the sled did not reach the 35 ft. marker, but the machine must not leave the track for changing of the weights or for fixing mechanical problems. One minute will be allowed to make any adjustments after the sled has returned to position. Once you have attempted to pull the sled and breakage occurs there will be no refund.
16. When the sled is ready to pull the puller has two minutes to hook and start their pull.
17. Any official's decisions will be final.
18. All classes are weighed with machine and driver ready to pull including helmet if required.
19. NO bouncing, sliding or abusive use of the scales is permitted. Any such abuse will result in immediate disqualification.
20. The weights must be safely secured. Any weights or parts falling off onto the ground during the pull will result in disqualification. The pull is over when the machine comes to a complete rest on the ground. Fluid loss is ok. No movable weights. The weights must not interfere with the hook-up of the sled.
21. Owners, drivers are responsible for their pit crews.
22. Pulling positions will be determined by drawing.
23. The Promotor may do a safety and/or rules check at any time. Any violation or failure to comply with these rules will result in immediate disqualification and forfeiture of any earned premiums. No tractor may compete in any future pull until it is inspected and in total compliance. Any issue not covered by these rules will be discussed and acted upon by the rules committee.
24. The driver cannot put their fingers under the fenders of the puller. If fingers are put under the fenders any official

## GARDEN TRACTOR GENERAL RULES

1. Pulls are open to lawn and garden tractors, rear wheel drive with rubber tires. All power must be transmitted through the rear wheels. No dual wheels, chains or spikes. Tires must be of garden tractor type.
2. All tractors must be equipped with working brakes, fenders, hood and grill, with all safety shields in place. Antique tractors: hood, grill and fender requirement may be waived in the Lawn Stock class only.
3. No portion of the tractor, including weights, may exceed 8-ft. forward of the center of the rear axle, 6 ft. in width and 12 inches outside of the tire sidewalls.
4. All tractors MUST have wheelie bars to prevent turnovers. A pair of these devices are to have wheels or skid plates. Wheels any size up to 7 inch diameter, no pneumatic tires. A pair of skid plates each being at least 1.5"X3" at ground contact point. Devices must be no less than 5" behind the rear tires and not more than 5" above the ground, and allow the front axle to raise no more than 24" from its normal position. These devices must be strong enough to support the full weight of the tractor and driver. A bar between the wheelie bars and/or wheelie bar wheels cannot touch the sled chain at any time.
5. All classes are to be weighed with tractor and driver ready to pull. All weights must be safely secured. Weights cannot swing behind rear tires during the pull or it will result in disqualification. Any weight or part falling off during the pull will result in disqualification. The pull is over when the machine comes to a complete rest on the ground. Fluid loss is OK. No movable weights. Weights cannot extend behind the rear tires or above the top of the steering wheel.
6. Engine speed must be controlled by speed control lever or pedal. No string, wire or other bypass allowed. No nitrous oxide or any other pressurized fuel tanks in any class.
7. The driver must remain seated during the pull and have at least one hand on the steering wheel at all times. All tractors must have a safely secured normal size seat with at least a 3-inch high back or stock seat for the tractor. The back edge of the seat cannot extend behind the rear tires.
8. Shifting of gears either by hydrostatic, automatic or gear type is permitted as long as forward motion of the sled does not stop. All Lawn Stock, Factory Stock, 0-14/16 HP Single Cylinder Stock, and 0-18/25 HP Stock Tractors must have reverse gear.
9. A kill switch that will stop the engine in case of the chain or drawbar breaking is to be located within 6" of the center at the rear of the tractor and must be easily accessible. This must have at least a 1" ring to hook to the breakaway cable on the sled. This is recommended for Lawn Stock class, but Mandatory in all other classes and all youth (less than 18 years of age) driven tractors.
10. No turbos, superchargers or blowers allowed in any class. Engine can only have one carburetor.
11. Any tractor with a completely covered flywheel must have an inspection panel to check flywheel.
12. Gasoline or racing fuel only, no methanol, no E-85. Specific gravity must be between 0.700 and 0.770 at 60 degrees. No fuel with strong, harmful and sickening fumes, this includes but not limited to VP-MR fuels and any other similar fuels.

**Helmet requirements-** § 13:62-9.2 (c) All drivers shall wear a properly secured helmet which meets or exceeds the Snell Memorial Foundation Testing Standard K, M or SA; incorporated herein by reference as may be amended or supplemented, which has not reached the expiration date established by the Snell Memorial Foundation at the time of the event. The standards are available from the Snell Memorial Foundation, 3628 Madison Avenue, Suite 11, North Highlands, CA 95660.

# ADULT CLASS RULES

## FACTORY STOCK TRACTOR CLASS:

**0-16 HP. 1000 LBS**

**0-16 HP. 1100 LBS**

1. This class is open to lawn and garden tractors, stock in appearance and stock stance. Does not need mower lift or PTO clutch. No modifications to chassis. Engine swaps to a non-original engine with the stock number of cylinders and NO MORE than 16 hp are allowed but MUST retain stock drivetrain for the make and model being entered.
2. No engine modifications other than a maximum over bore of .030" from stock bore of the engine. All parts must be OEM or equivalent FOR THAT ENGINE. No aftermarket or reground cams permitted. Stock valves or equivalent replacement. Stock valve seats. No porting. Governor must be hooked up and working properly with a maximum of 3600 RPM's. Exhaust discharge must be through muffler or vertical straight pipes. Pump gasoline with a maximum octane of 95 or diesel fuel only. No alcohol, racing fuel or any additives. OEM carburetor for engine used with NO carburetor to engine spacers or velocity stacks. Choke plate must be installed and functional. No visual modifications to venturi, throttle bore or outside of carburetor. No air entering after venturi. Must have stock air cleaner assy. OEM flywheel only no cutting, welding or adding weight. NO rotating counter weight on opposite end of crankshaft
3. Ag or turf tire permitted, with stock rear tires for make and model of tractor or a non-stock maximum of 23X10.50X12. No tire cutting permitted. Stock front rims size, all rims steel OEM style. No aftermarket rims.
4. If mower deck is left on tractor, belt or drive shaft must be removed. Running of the mower deck on the grounds will cause immediate disqualification for the day.
5. If challenged, it is up to the owner to prove his tractor meets class requirements by use of owner's manual, shop manual etc.
6. Drawbar height is 10" maximum. Drawbar length is 16" maximum, 6" minimum measured from the center of the rear axle to point of hook. Drawbar is to have 1.5" hole for the hook, no more than .75" from the end of the drawbar. Clevis use is allowed. No hitch may be movable from the seat during the pull.

## STOCK TRACTOR CLASS:

**0-16 HP. singles and/or twins 1000 lbs**

**0-16 HP. Singles and/or twins 1100 lbs.**

1. This class is open to lawn and garden tractors stock in appearance and stock stance. The engine does not have to match the frame and factory appearing drive train for the make and model tractor being entered. Mower lift, PTO clutch or related parts are not needed on the tractor. No modifications to chassis.
2. No aftermarket blocks. Maximum over bore of .030" from stock bore of the engines, stock stroke. Steel crankshaft ok. Any cam ok, valve allowed max lift .325 inches. Stock size valves for engine being used or equivalent replacement and stock valve seats. OEM flywheel or steel. NO cutting, welding or adding weight to flywheel. NO rotating counter weight on opposite end of crankshaft. Governor must be hooked up and working properly with a maximum of 4000 RPM's. No welding, polishing or grinding on the cylinder head, no aftermarket heads. Porting and polishing ok. No high performance fuel pumps as Holley. Exhaust discharge must be through a muffler or vertical straight pipes. No rain caps. Gasoline with a maximum specific gravity .750 or diesel fuel only. No alcohol or any additives. OEM carburetor for engine used with NO carburetor to engine spacers or velocity stacks. Choke removal allowed, max venturi diameter of 1.00. No air entering after venturi. No aftermarket crank trigger ign. system.
3. Ag or turf tire permitted, with stock rear tires for make and model of tractor, non-stock maximum tire size of 23X10.50X12.
4. If mower deck is left on the tractor, the belt and drive shaft must be disconnected. Running of the mower deck on the grounds will cause immediate disqualification for the day.
5. If challenged, it is up to the owner to prove his tractor meets class requirements by use of owner's manual, shop

6. Drawbar height is 10" maximum. Drawbar length is 16" maximum, 6" minimum measured from the center of the rear axle to the point of hook. Drawbar is to have 1.5" hole for the hook, no more than .75" from the end of the drawbar. Clevis use is allowed. No hitch may be movable from the seat during the pull.

## **STOCK CLASS**

### **0-25 HP**

**OVER HEAD VALVE 47 Cu. In. limit**

**FLAT HEAD 60 Cu. In. limit:**

**1000 LB. 0-25 HP**

**1100 LB. 0-25 HP**

1. Stock Appearing tractors with standard type 2 cylinder engine or equivalent replacement and stock appearing drive train for make and model. Only modifications to chassis to make engine fit.
2. Gasoline only. No alcohol or additives permitted. Maximum specific gravity of .750.
3. Maximum 26x12.00x12 tires any type. Stock diameter front rims for make and model. After market rims and 3 rib tires permitted. NO CUTTING permitted. NO PRO PULLER TIRES.
4. 13 inch hitch height. 16 inches maximum from center of rear axle to hook point. 1 ½ inch hole for sled hook.
5. 4000 RPM at full throttle (governed no load). Stock stroke and 1 mm maximum overbore for the engine used, stock stroke. Piston may protrude above deck surface .025. No aftermarket blocks.
6. Any camshaft ok, max lift .275 inch at the lifter.
7. No welding, grinding or polishing on cylinder head. Must maintain stock piston pocket in the combustion chamber of the head. OEM head gaskets only. NO aftermarket heads. Porting and polishing ok, OEM stock rocker arm.
8. OEM ignition for engine being used.
9. OEM valve seats and valves for factory rated HP of engine model being used. No roller lifters.
10. Original type carburetor for engine used with NO carburetor to engine spacers or velocity stacks. (Maximum venturi diameter of single barrel 1.00", 2 barrel 22 mm or .866"). Choke removal allowed. No air entering after venturi. No aftermarket intakes. NO aftermarket high performance fuel pumps as Holley.
11. OEM flywheel or steel only. NO cutting, welding or adding weight to flywheel. NO rotating counter weight on opposite end of crankshaft. Blower housing should be cut in half so heads can be removed for inspection.
12. Foot or handle throttle permitted.
13. Exhaust pipe with no muffler must discharge vertically. 12 inches minimum from center of bend. No rain caps.
14. Clutches, belts, open drive shafts must be shielded same as factory or equivalent.
15. Must have reverse gear unless not original equipment.
16. MUST Maintain Factory Stance.

## **MAX STOCK CLASSES:**

**1000 Lb.**

**1100 Lb.**

1. Must be stock block Kohler, Briggs or Tecumseh single cylinder, flat head engines 15 hp and under, with nine bolt heads. Max. 4000 rpm. Foot or hand throttle permitted.
2. Fuel maybe gasoline or VP C-12. No alcohol.
3. The engine must look stock on the outside. Must have stock stroke for engine, all other internal modifications are acceptable. An access hole over the piston is recommended for checking purposes. Aftermarket points and electronic ignition allowed.
4. The head may be after market or billet. Head bolts must match a stock OEM head gasket. Head straps are allowed.
5. OEM cast flywheel with no cutting, welding, or adding weight or steel flywheels are acceptable.
6. Carburetor must be stock carburetor for engine or a Kohler or Walbro, carburetor spacers, velocity stacks and bottom adjusts are acceptable. No high performance fuel pumps.

8. 26 x 12.00 x 12" max. rear tire size, with a maximum rollout of 78". Cutting permitted. Professional pulling tires are allowed, this includes, but not limited to tires by Dick Cepek, Lawn Tec, Pit Bull and VM series of tires. After market wheels and 3 rib tires permitted.
9. 13" hitch height. The hitch must have a 1.5" diameter hole for sled hook and be 1/2" thick at point of hook.
10. Must use stock garden tractor frame and transaxle, but may be modified for engine installation. Sheet metal may be changed. No portion of any tractor may exceed 7 feet forward of the center of the rear wheel, including weights. 52" wheelbase maximum.
11. Engine tech items will be RPM with no tolerance, stock stroke, exterior appearance and no alcohol. If engine is other than K-Kohler you must supply tech person with a stock head gasket for your engine.

## GENERAL RULES FOR OPEN CLASSES

1. Weight bars will be measured from the center of the rear axle forward. Weight brackets and weights cannot exceed 80 inches.
2. The maximum extension of rear weight brackets and weights is 18 inches measured from the center of the rear axle. The maximum width cannot exceed 12 inches from the outside sidewalls of the rear tires. The maximum height is 60 inches measured from the ground.
3. The hitch must be accessible from the rear to make an easy hook-up to the sled. All hitches must be located behind the rear axle of the machine and must be rigid. NO moving hitches permitted. Hitches must be bolted, welded or solid mount design. Hitch eyelet must be parallel with the ground. Maximum hitch height from the top of the hitch to the ground is 13". The maximum hitch length from the center of the rear axle to the end of the hitch is 18". A 1.5" diameter or larger hole is required for the hook.
4. All drivers must straddle the seat and must have at least one hand on the steering wheel or handlebars at all times. All units MUST have wheelie bars to prevent turnovers and allow front axle to raise no more than 24" from its normal position.

## OPEN CLASSES:

**1100 lbs. No turbos or superchargers, any type of engine**

**1200 lbs. No turbos or superchargers, any type of engine**

1. Maximum width may be up to 55 inches from outside of sidewall to outside of sidewall.
2. Maximum Wheelbase is to be 70 inches from center of rear axle to center of front axle.
3. All machines must have kill switch or tether switch attachable to the sled.
4. Alcohol fuel is permitted but no nitrous oxide.
5. Rear fenders must be installed to offer adequate protection to the driver's legs and other body parts. All shafts and belts must be covered. Drive shafts must be covered or have at least two drive shaft loops made of 1/8" steel or 3/16" aluminum 360 degrees and be securely fastened to the frame.
6. Exhaust must exit at least 45 degrees vertical or horizontal to the rear to provide protection for anyone nearby.
7. Tire tread must fit a 12-inch wide, 26-inch tall gauge. No wheel size limit. No studs, chains, wires or duals permitted.
8. Drivers are to be 18 years of age or older. Driver may enter more than 1 machine in a class.
9. Hitch height 13 inches.

## ADULT CLASSES @ \$10/hook

### ROUND 1

Factory Stock	0-16hp	1000#
Stock 16hp	0-16hp	1000#
Max Stock	0-15hp	1000#
Stock 25hp	0-25hp	1000#
Open Class		1100#

### ROUND 2

Factory Stock	0-16hp	1100#
Stock 16hp	0-16hp	1100#
Max Stock	0-15hp	1100#
Stock 25hp	0-25hp	1100#
Open Class		1200#

QUESTIONS?

Chairman-Lance Huff (610-442-5664)

Committee-Glen Matlock

**ADULT AWARDS**

**1st Place- \$25/T-shirt/Trophy**

**2<sup>ND</sup> Place- \$20/T-shirt/Ribbon**

**3<sup>RD</sup> Place- \$15/Ribbon**

**4<sup>TH</sup> Place- \$10/Ribbon**

Adult Garden Tractor Pull  
Registration Form

Name \_\_\_\_\_  
Print clearly

Address \_\_\_\_\_ phone # \_\_\_\_\_  
\_\_\_\_\_

Email \_\_\_\_\_

Garden Tractor: Make \_\_\_\_\_  
Model \_\_\_\_\_  
Engine Size (HP) \_\_\_\_\_

Classes (check all entered)

max stock  1000 lbs.  1100 (0-15hp)

factory stock  1000 lbs.  1100 (0-16hp)

stock 16  1000 lbs.  1100 (0-16hp)

stock 25  1000 lbs.  1100 (0-25hp)

open  1100 lbs.  1200

Fee: \$10/class x # \_\_\_\_ = \$ \_\_\_\_\_ (entered) Total Paid

**Must Read and sign  
Disclaimer/waiver form**

## Disclaimer statement

I hereby release the Warren County Farmers' Fair Association Inc., its Directors, members, officers, employees, agents and sponsors from any and all responsibility or liability for injury or damages; and also agree to indemnify the Warren County Farmers' Fair Association Inc., its Directors, members, officers, employees, agents and sponsors against damage claims, legal proceedings or judgments arising out of the transportation or exhibition of the listed participant at the said Fair. I further agree to hold the said Warren County Farmers' Fair Association, Inc., its Directors, members, officers, employees, agents and sponsors harmless from any claim or suit for injury, damage or blame resulting from the participation in the Adult Garden Tractor Pull.

I hereby enter this contest at my own risk and recognize that I will be responsible for any accidents or injury incurred or property damage or injury to others caused by me or my tractor. I also agree to and understand that no alcoholic beverages are allowed on the Fairgrounds, on my person or in my vehicle. If I am found to be under the influence, I will be escorted off of the Fairgrounds.

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Signature of participant (18 years or older)

Date \_\_\_\_\_