

## 2021 Garden Tractor General Rules

- Parking is to be on the opposite side of the track away from the scales and registration in an orderly fashion as to not interfere with operations.
- All tractors will be run in a safe and orderly manner at all times- walking speed on and off the track at all times when not hooked and pulling.
- Working volunteers are always needed during events at the Farmers Museum, If you have a little extra time before, during, or after the pulls, please consider signing up for one of the tasks that need to be done to continue to make these events possible.
- Each contestant will sign a waiver releasing the club, and/or officers of any liability in case of an accident.
- Once the class has started you may not sign up for that class. (officials have discretion to allow)
- Front weights may not exceed 6' from the center of the rear axle to the front of the front weight.
- Wheelie bar- 6"x6" minimum plate or wheels= 6" behind the tire and 6" off the ground.
- All fabricated seats must have a minimum of 3" backing
  - There will be no sitting on the back of the seat i.e. rim riding
- The tractor must have working brakes.
- Dropped weights will disqualify the pulling attempt. Anything falling of the tractor while it is hooked will disqualify the pull while on the track.
- If ANY PORTION of the tractor or sled crosses over or touches the boundary line during the pull then the pull will be disqualified. If

painted lines are not drawn on the track then the grass will be the line on either side.

- ALL decisions made on the track are FINAL. There will be no discussion or protest.
- All pullers must wear closed toe shoes (sneakers/boots). No loose clothing that can get caught in the machine. Shorts are okay. All pullers under the age of 12 must wear a helmet.
- Drivers must be ready to go when it is their turn otherwise they will be moved to the back of the class. If you don't show up for your turn you forfeit your pull.
- Drivers may stop prior to the 25 foot line if they are having technical difficulties and re-pull. This will be left to the discretion of the track officials.

- The first puller in each class will be the test puller. They may keep their pull or choose to move to either 3<sup>rd</sup> or last position.

**DECISION MUST BE MADE PRIOR TO UNHOOKING.**

- In the event of a breakdown, you may decide to repair and you may pull last.
- Pullers in a stock altered class must wear a helmet. Pullers in other classes may choose to wear a helmet if they want.
- Fire extinguishers will be at mid-track, registration, and sled.
- Safety is key on and off the class
- The scale person has final say of weight and hitch height.
  - 1% margin for weight
  - Hitch height MAXIMUM 13 inches
- If your tractor is not weighed prior to your pull you will be disqualified.
- In the result of a full pull you will be required to re-scale.
- All tractors are to be held in a staging area (NO LOOSE WEIGHTS) including pull off contestants.

- Driver must have tractor in neutral and hands off the steering wheel in view of the person hooking tractor.
  - All starts will be with a tight chain (no jerking starts)
- No one except the driver and the track official will be allowed on the track during the pull EXCEPT children (under 12) needing adult supervision.
- All tare downs and spot checks will be controlled at the discretion of the track officials.
- if you register and choose to leave before your class is pulled you DONATE your money to the museum. (EQUIPMENT BREAKAGE DOES NOT APPLY)
- Must attend 5 pulls to be in the running for points.
- Make up pulls for rain etc. .will be posted on the website [www.ocfarmersmuseum.org](http://www.ocfarmersmuseum.org), Facebook, and by message on phone number 845-208-0234.
- Protesting a competitor will result in a \$50 protest fee.
  - If the tractor is found illegal then the money is donated to the museum.
  - If the tractor is found legal the money is returned.
- There will be no zip ties on any governors in any class.

### **KING OF THE LAWN**

- This class is a drop the deck and pull
- ONLY ONE set of wheel weights allowed
- Turf only tires allowed (no cut tires)
- Stock hitch height and location may not exceed 10 inches from the ground to the top of the hitch.

- Tractor MUST have a working deck.

### KIDS CLASSES

- Tractor must go by stock class rules.
- NO STANDING ON THE SLED CHAIN OR TRACTOR
- NO ALCOHOL OR RACE FUEL
- AGES 3-7 may pull 850 & 950 stock classes only.
  - Must wear a helmet at all times
  - Must have a working kill switch attached to the machine and help by an adult on the side.
  - Must have an adult over the age 18 on either sides of the tractor at all times while the child I on the tractor.
- Ages 7-12 may pull in the 850 & 950 classes only.
  - Must wear a helpmet at all times
  - Must have at least one spotter at their side at all times.
  - If the child can demonstrate full control over the tractor, can reach the pedals, and is over the age 10, he/she may pull without a spotter after approval by an official.

### STOCK CLASS RULES

- NO RACE FUEL OR ALCOHOL FOR THIS CLASS.
- The tractor must be in stock appearance of manufactures hood, grill, shell, and fenders.
- The tractor must have the stock engine for that year, make and model.

- Stock lift camshaft, stock stroke for engine model.
- All flywheels, clutches, and pulleys must be equipped with shielding if other than original equipment. It must be 1/8" steel or equivalent.
  - The clutch may have a new OE spring and a teaser spring.
- Wheel base may NOT be altered from original equipment.
- Must use stock unaltered carburetor, OEM carb for that model.
  - 10-12.5 HP= #26
  - 14-20 HP= #30
- Must have factory air cleaner- or similar (no cone style)
- Must use stock OEM head, NO internal modifications.
- Must use stock type ignition system
- No electrical fuel pump
- No pressurized fuel tanks, no fuel injections unless factory equipped.
- No welded rears.
- Naturally aspirated only, no intake standoffs or velocity stacks.
- Stock size valves. NO PORTING OR POLISHING.
- Transmission/transaxle must be original equipment for the tractor.
- Maximum tire size allowed is 26x12x12
  - No professional pulling tires or paddle type tires
  - Tread design may be bar or turf type
  - ATV tires ok
  - No cut tires.
- RPMS must be controlled by the governor. NO external springs for any reason..
  - MAX RPM LIMIT 4000 RPM UP TO 18 HP (no load) single cylinder

- MAX RPM LIMIT 4500 RPM HP UP TO 25 HP (no load) v-twin
- Helmets recommended but not required.

### STOCK ALTERED

- Helmets required
- NO ALCOHOL
- The tractor must have stock length frame
- Wheel base must be 56" MAX unless factory
- Foot peg, platform, and seat must be in stock location
- MAXIMUM tire size 26x12x12, tire tread pattern may be bar or turf type (no paddle type). Professional pulling tires are allowed.
- Tractor must have factory rear-end for the frame. Locked rear-end permitted.
- Tractors with single cylinder engines will be limited to 4000 RPMS regardless of flywheel or shielding.
- Tractors with twin cylinder engine will be limited to 4500 RPMS regardless of flywheel or shielding.
- Engine block must be OEM stock appearance. Recast blocks are allowed.
- Carburetor must be butterfly type. Chokes may be removed.
  - Carburetor must be mounted to the engine with no more than a 1 inch spacer
  - Carburetor may not exceed 1 inch venture (must be in stock location)
  - Must be a single barrel carburetor (double barrel for v-twin)
- Billet heads are permitted along with aftermarket stock heads.
- Porting and polishing are permitted.
- Blocks may be relieved

- Velocity stacks are allowed
- Camshaft may be re-ground.
- No welding allowed in engine blocks, no external modifications allowed on engine blocks.
- No pressurized fuel tanks. Nitrous oxide, turbos/superchargers and diesel are NOT allowed to run on propane.
- Pump gas, up to 110 race fuel, and diesel are allowed.
  - If running diesel you may use a diesel additive.

### MODIFIED/SUPER MODIFIED

- Singles or V Twin welcome
- Modified starts at 950
- Super modified starts at 1400
- The tractor may use alcohol or race fuel
  - DRIVER MUST WEAR A FIRE SUIT, INCLUDING SHOES, AND HELMET
  - COMPETITORS RUNNING IN THIS CLASS WILL CONSULT WITH THE OFFICIALS TO IDENTIFY THEIR MACHINES, WHICH ARE RUNNING ON ALCOHOL, FOR SAFETY REASONS.
- The tractors must have a WORKING fire extinguisher mounted somewhere on the tractor itself.
- Turbo chargers/super chargers welcome.
- Open RPMS- must be teched into the class of wishing to run open RPMS. Steel flywheel, billet rod, engine shielding, and engine top strap.

850LB	Up to 10 HP
850LB STOCK ALTERED/ VTWIN	
950LB	Up to 12 HP
950LB STOCK ALTERED/ VTWIN	
1000LB	Up to 14 HP
1000LB STOCK ALTERED /VTWIN	
1050LB	Up to 16 HP
1050LB STOCK ALTERED /VTWIN	
1100LB	Up to 16 HP
1100LB STOCK ALTERED/VTWIN	
1150LB	Up to 20 HP
1150LB STOCK ALTERED /VTWIN	
1200LB	Up to 25 HP
1200LB Modified	Up to 25 HP
1300LB	Up to 25 HP
1300LB modified	Up to 25 HP
1400LB	Up to 25 HP
1400LB modified	Up to 25 HP
Junior Farm Tractor**	2500 pound max weight

\*V-twin starts 850 lbs. Open HP 4,500 RPM max.

\*\*junior farm tractor class is STOCK ONLY

Modified starts at 950 LBS open HP single/ vtwin