

ESSEX-KENT



Garden Tractor Pullers

2023 Rule Book

Home Track

*Located @ 3405 Hornick Line,
Tilbury ON Canada*

General Rules

The following rules apply to classes other than Mini Rod

Age:

- All ages welcome!
- Kids 10 years and under are allowed to pull but must show competency in operating the tractor safely - (Parent must walk beside and able to shut tractor down if need be till the age that the driver feels comfortable)

Driver:

- Must wear closed toed shoes & No Shorts!
- Must wear a helmet when pulling
- All Essex Kent Garden Tractor Pullers drivers must have signed a waiver before hooking
- 2 drivers per tractor is allowed

Track Rules:

- Pulling distance is 200 feet
- From the start line to 50 feet you have to shut down if you think you are in the wrong gear, etc.. You can re-hook but after that will be your recorded distance
- **Track officials have final say.** They are in charge of track at all times
- You are only to be on the track if you are looking at the track or helping hook/unhooking or helping prep the pull track
- Pull off will happen if there is more than one tractor making a full pull (200+ Feet) only when the sled operator thinks it is necessary
- You must have tractor in neutral and hands not on anything or in the air when being hooked and unhooked from the pull sled

Tractor Rules:

- MAX RPM 4000
- Engine must be stock OEM to manufacturer's specs and if rebuilt cannot exceed .060" over stock bore
- Motor doesn't need to OEM for the tractor it is in
- Gear, hydraulic and Hydrostatic transmissions are allowed
- Over head valve motors allowed in all classes
- Cutting deck may remain on but the cutting deck belt must be removed
- Hitch height must not exceed 13"
- Hitch must be rigid in all directions
- Hitch must have a minimum hole for a hook of 1.5". Or a 3/8"-1/2" clevis can be used
- Must have wheelie bars
- Must be TECH inspected before allowed to pull
- Wheelie bars must be strong enough to hold the weight of the tractor
- Cross bar between wheelie bars must be no higher than 8" to not interfere with chain on sled
- Wheelie bars must be a minimum of 5" from the back of rear tire and no more than 5" off the ground
- Hand or foot throttle allowed. Foot throttle must return to idle when released
- No power adders allowed (nitrous, superchargers, etc.)
- All tractors MUST be naturally aspirated
- Kill switches are not mandatory but are recommended

Exhaust:

- Exhaust must point upward, be free of sharp edges and must be safe for driver and track crew; the stock exhaust may remain the same

Tires:

- Max tire size 26/12/12 allowed
- **ATV are not allowed**
- No CUT tires, Cepek tires or pro pulling tires if not posted allowed
(If a tractor has pro cut tires it MUST pull in 1100 super stock!)
- Turf or ag style tractor tires allowed
- Steel or Aluminium rims allowed
- 3 rib front tires are allowed

Length:

- Length of tractor must not exceed 72" from the center of rear axle to the furthest point out the front

Weights:

- Weights cannot extend past the back of rear tires
- Weights must be secured to the tractor in a way that doesn't interfere with the operation of the tractor
- All weights must be secured to the tractor on bars, bolted, in a box or strapped on
- Weighing in is mandatory
- Weight is for total driver/tractor combo

Points:

(Tractor & Driver combo)

1st - 10pts

2nd - 8pts

3rd - 6pts

4th - 4pts

5th - 2pts

Hook - 1pt

DQ - 0 pts

Disqualification:

- Tractor and driver will result in last place finish and 0 points
- Will be caused by not passing tech after pull
(ex. Hitch height, overweight, over RPM limit, etc..)
- Loss of weight or items during pull
- Going out of bounds
- NOT stopping at red flag

**Try to make it even between everyone and
fun for everyone**

Let's go pulling.

Pull Classes

All General, Tractor and Driver Rules also apply:

800 LBS

Light Limited Stock:

- Single cylinder
- Maximum tire size of 23/10.50/12 (Ag or Turf)
- All engines must be STOCK and no larger than 14hp
(Aftermarket air cleaners and header pipes allowed)
- Hitch height must NOT exceed 13 inches

1000 LBS

Stock Altered:

- Single Cylinder
- Max tire size is 26/12/12 (Ag or Turf)
- All engines must be STOCK and no larger than 16hp
(Aftermarket air cleaners and header pipes allowed)
- Hitch height must NOT exceed 13"

1100 LBS

Super Stock:

- Twin or Single cylinder Modified
(tech decides if tractor pulls in this class if a single cylinder)
- All engines must be STOCK and no larger than 25hp
(Aftermarket air cleaners and header pipes allowed)
- Pro Cut Pulling tires allowed (must run in this class)
- Max tire size 26/12/12
- Hitch Height must NOT exceed 13"

1250 LBS
Diesel Super Stock:

- Single or Twin cylinder Diesel engines
- MAX 500CC engine
- Turbos allowed - unlimited size (mandatory guillotine or rain cap to cut air)
- Water injection allowed
- Biodiesel allowed
- Intercoolers allowed
- Stock appearing block
- Stock appearing head
- Min $\frac{3}{8}$ cable wrapped around the entire engine between the cylinders with a minimum of 2 clamps
- Max tire size is 26/12/12 - Pro Cut Pulling tires allowed
- Hitch height must NOT exceed 13"
- Front axle skis mandatory
- Reverse light mandatory (on rear and dash of tractor)
- Mandatory kill switch on rear of tractor

1500 LBS

Mini Rod:

Driver must be 16 years of age.

Engines must be naturally aspirated, carbureted, gas motors (no alcohol),
up to and including 4 cylinder, no larger than 2340cc,

Must meet below engine specifications:

ITEM:		SPECS:
Aftermarket flywheel	Not Permitted	Must be factory OEM spec
Aftermarket ignition	Permitted	
Aftermarket Intake	Permitted	
Cam	Stock	Must be factory OEM spec or as close to stock as possible
Carburetor	Permitted	Up to 650 CFM
Crank	Stock	Must be factory OEM spec
Harmonic Balancer	Stock	Must be factory OEM spec
Head	Shaving Permitted	
Headers	Permitted	
Oversized Valves	Not Permitted	Must be factory OEM spec
Pistons	Bore	Up to .030 over OEM Non-performance pistons
Port / Polish	Permitted	
Valve Springs	Stock	Must be factory OEM spec
Valves	Stock	Must be factory OEM spec

- Weight must not exceed with driver & tractor combined:

- 1550 lbs for Pro Pulling (Cepek Tires. Etc)

- 1580 for Ag Style Tires

- Length of the tractor must not exceed 94" from the center of the rear wheel - measuring from the extreme front to the center of the rear tires. Hitch is not to extend past the back tires.
- No Weights to extend more than 6" past rear tires.
- Width of the tractor not to exceed 65 inches at any point.
- Hitch / Drawbar not to exceed 13 inches; measuring from the ground to the top.(this will be randomly checked)
- Hitches must be solidly mounted (no flexing allowed in any direction), must be mounted to the frame or rear end of the tractor. It must be of sufficient strength with a 1 ½" hole for hooking to the sled. It must be stationary and parallel with the ground.
- Two wheel rear end traction only, no duals.
- All tractors that are chain driven must have a chain guard.(minimum thickness of 1/8")
- All tractors must have a hood and grill.
- All tractors must be equipped with a dead man throttle or foot pedal and a kill switch. Kill switch must kill both the fuel pump and ignition.
- All tractors must have shielding on each side of the driver for protection from the rear tires.
- All tractors must have operating rear wheel brakes or drive shaft brake.
- Tractors must be equipped with wheelie bars. Not less than 5 inches from the rear of the back tires, no more than 5 inches off the ground. Wheelie bars must be strong enough to hold the weight of the tractor and driver. Wheelie bars or any cross bars cannot interfere with the chain hook up. All tractors must have "bump stops" on the wheelie bars minimum of 5 inches high.
- If anything falls off the tractor during your pull, you are disqualified.
- Scatter shield for clutch is mandatory. (minimum thickness of 1/8" aluminium / steel or nylon belting)
- Seatbelts are only permitted if you have a rollbar / roll cage.
- Fire extinguishers are not mandatory, however if the driver wishes to have one on the tractor, this will not be objected to.
- No "row crop / tricycle" front axles allowed.
- No mechanical fans, only electrical fans are permitted.
- All tractors must have a key or toggle switch to shut down the tractor.
- Having a kill switch only to turn the tractor off is not permitted.