

Grass Roots Tractor Club (GRTC)

Rules

1. Drivers must be 14 years of age or older. Those under 18 years of age must have written parental/guardian permission.
2. Drivers must stay on the seat of the tractor at all times. Hands must be on the steering wheel, hand clutch, or throttle. Feet must stay on the platform at all times during the pull. Bouncing or riding of seat back will result in disqualification.
3. Any tractor or puller found to be unsafe or illegal may be disqualified or barred from hooking. No alcoholic beverage will be permitted on track while pulling.
4. No one allowed on track except officials and puller.
5. Tractors will pull in the order they appear on the signup sheet. If you are unable to pull in your assigned order, you will be moved to the end of your class.
6. Any tractor parts falling off (weights, fly covers, etc.) while pulling the sled will result in the pull being stopped and measurement taken at that point.
7. Tractor must stay in bounds at all times during pull.
8. Wheelie bars
 - a. Div 1 – recommended
 - b. Div 2, Div 3, and Div 4 – required
9. Wheelie bars design – Materials used must be strong enough to support the weight of the tractor when a jack is placed under the pad. Each pad must be at minimum a 5” square. No rollers allowed. The pad must extend past the edge of the tire diameter by a minimum of 2”. The distance between the wheelie bars must be at minimum 24” from the outside edge of each pad. (See diagram below).
10. All tractors can pull in up to 3 classes as they choose. (One hook per class per tractor, max of 3 hooks). GRTC can change the number of hooks per pull if necessary.
11. Tractor’s manufacturer model year 1959 or before for Div 1, Div 2, Div 3, Div 4. **Exception:** Div 1 10,000-pound class is 1973 or older.
12. Drawbar requirements
 - a. Div 1, Div 2, Div 3, and Div 4 – drawbars will have a maximum height of 20” and no less than 18” from center of axle to hook point. The drawbar must have a 3” eye and at least 1” x 1” at hook point. No longer than 1 ½” from eye to back end of drawbar. Drawbars must be stationary in all directions.
13. Weights
 - a. Div 1, Div 2, Div 3, and Div 4 – weights must not extend rearward beyond rear tires and cannot be more than 11 feet from the center of the rear axle to the furthest point forward.
14. No radial tires. No steel wheels. Two-wheel drive only. No duals.
15. Tractors must be naturally aspirated.
16. Safety kill switch
 - a. Div 1, Div 2, Div 3, and Div 4 – Recommended
17. Gas, diesel, kerosene, distillate or LP fuels only. No alcohol or nitrous oxide fuels may be used in tractors. Gas is allowed with a maximum of 750 specific gravity. All tractors are subject to random fuel checks. Tractors manufactured to use diesel fuel only cannot be converted to gas or LP.
18. No shift of T/A. No shifting gears. No locking rear ends. No altered wheelbases or frames to make classes. No headers in Div 1.
19. No V-8’s allowed. No turbos allowed.

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20. Fan guards on all tractors (side shield or fan shield) – Mandatory.
21. Side shields of 1/16" steel OR 1/8" aluminum recommended.
22. Dead man throttles, except hand clutch tractors (hand must be on the clutch while pulling) are recommended.
23. MPH will be checked from 100 feet until the pull is completed.
24. RPMs allowed will be determined by the M&W chart. Any tractor not listed will use manufacturer's data. 20% margin of error will be permitted for all classes.
25. Tractors must have the Stock ag engine, frames, transmission, rear end and axle housing or manufacturer's replacement. No adapter plates allowed for engine, transmission, front end and bolt up.
26. Div 1 – Radiators, front end, fuel tanks, etc. must be in their original location. Front tire must be ag tires and 14" or larger.
27. Flagmen will display the green flag for the pull to begin. Tractor must stop immediately on red flag. Disregarding or arguing with the flagman, sled operator or track officials will result in automatic disqualification.
28. Tractor Class Placement (applies to Div 1 only)
 - a. Massey 33, Oliver 77, AC WD5 and like sized tractors are not allowed below 4,000#
 - b. Oliver 88, Farmall M, Massey 44, MM-U, JD-G, Case -C/D, JD-A and p and like sized tractors are not allowed in classes below 4,500#.
 - c. 200+ Cubic inch tractors are not allowed below 3,500#
29. Enhanced electrical systems
 - a. Div 1, Div 2, Div 3, and Div 4 – Permitted
30. Heads, blocks (jugs), manifolds must be the same manufacturer as the crankcase and frame. (Replacement manufacturer allowed).
31. Div 1 – Any ag type carburetor allowed. Must be single barrel and throats and draft direction as originally manufactured. Div 2, Div 3, and Div 4 – any ag type carburetor allowed.
32. Positive throttle stop mandatory.
33. No excessive wheel cutting/cutouts. This is per GRTC discretion. Safety is our main concern.
34. Any jerking of sled or side-stepping clutch will result in disqualification
35. Weight of scales will be at a 40-pound tolerance.
36. Judge's or promoter's decision is always final during the pull.
37. Tractors must be non-sponsored.
38. No foul language or un-sportsmanship like conduct permitted
39. Other classes on request with 3 tractors.
40. Classes may be dropped or added day of pull at the discretion of the judges or promoter.
41. All rules are subject to change, if necessary.

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Divisions

Div 1 – 1959 or older

20" max drawbar height / 4 MPH speed limit / 10% over factory RPM

No cut, shaved or altered tires / Factory tire size

Stock sheet metal / hoods

Wheelie bars recommended

Div 1 tractors can pull in up to 3 weight classes as they choose (one hook per class)

Div 1 10,000 – 1973 or older

20" max drawbar height / 4 MPH speed limit / 10% over factory RPM

No cut, shaved or altered tires / Factory tire size

Stock sheet metal / hoods

Wheelie bars recommended

Div 2 – 1959 or older

20" max drawbar height / 4 and 6 MPH speed limit – any gear / 10% over factory RPM

Stock sheet metal / hoods

15.5 x 38 max tire size

Wheelie bars and kill switch required

Div 2 tractors can pull in up to 3 weight classes as they choose (one hook per class)

Div 3 – 1959 or older

20" max drawbar height / 6 MPH speed limit – any gear / 20% over factory RPM

Stock sheet metal / hoods, wheelie bars and kill switch required.

18.4 x 38 max tire size

Div 3 tractors can pull in up to 3 weight classes as they choose (one hook per class)

Div 4 – 1959 or older

20" max drawbar height / 8 MPH speed limit – any gear / 20% over factory RPM

Stock sheet metal / hoods

18.4 x 38 max tire size

Wheelie bars and kill switch required

Div 4 tractors can pull in up to 3 weight classes as they choose (one hook per class)

Altered Stock – 1959 or older

20" max drawbar height / 10 MPH speed limit – any gear / 20% over factory RPM

Stock sheet metal / hoods

18.4 x 38 max tire size

Wheelie bars and kill switch required

Classes

See current flyer for classes offered.