

River Falls FFA Alumni

July 14th 2018 Tractor Pull Rules

Tractor General Rules

1. Be a Professional. Must have tractor registered before class starts. No exceptions made. Can call ahead of time to get registered if your tractor is arriving late.
2. Pullers must be 18 years of age or older to participate. Minors must have parent or Guardian consent forms signed. No one under the age of 18 will pull outside the Farm Stock Classes. No one younger than 12 years of age will be allowed to pull.
3. All pulls will be made from drawbar. The hitch height must not exceed 20 inches. All pullers must furnish their own twisted clevis or a 3" hoop hole. Clevis must be fastened to the drawbar with a 3/4" or larger bolt and safety pin.
4. No weights hanging directly above the draw bar. Must have 12" opening for the hook-up to the sled.
5. One fuel type only. Alcohol maybe used as fuel in open classes only.
6. Pulling order will be determined randomly by draw.
7. Operator must remain seated and drive in a safe manner.
8. Tractors must operate in a safe manner at all times. No chain jerking or hot-rodding Allowed.
9. All tractors must be in neutral or park when being hooked or unhooked from sled. "Hands up" signal by the driver will be used to indicate this is being followed.
10. Tractor must remain within the boundaries of the track. Failure to do so will result in Disqualification.
11. Tractor must be occupied while it is running.

12. Loss of any weight or part of the tractor will be grounds for disqualification.
13. All pulls must start with a tight chain and be straight in-line with the sled.
14. All drivers pull at their own risk. River Falls FFA Alumni, Total Excavating and Deiss Storage shall not be held responsible for any accident, injuries or damage to equipment.
15. Class pulling order and drivers order will be posted.
16. Tractors will be stopped if front wheels are more than 24" off the ground.
17. All tractors must scale prior to hooking to sled, immediately prior to the start of your Class. 200lbs grace over printed class weight. Once weighed, you are staged. Leaving the staging area is not allowed.
18. **NO BEER OR ALCOHOL TO BE CONSUMED FOR CONTESTENTS!!!!**
19. Track officials have the right to move a puller to a different class.
20. The first puller has no option of a re-hook. Only chance to re-hook is if the sled has adjustments made to it.
21. In the speed limit classes, the puller has 100 feet to adjust his speed, after 100 feet any time of exceeding the speed will result in disqualification.
22. Violations of any rule shall constitute a disqualification. Arguing with judges will not be Tolerated, and will result in immediate disqualification.
23. **ALL GENERAL RULES APPLY TO EVERY CLASS!!!**
24. **All JUDGES' DECISIONS ARE FINAL!!!** Failure to obey track officials will result in Disqualification and may lead to removal from event.

General Safety Equipment (Required for Light Open, Heavy Open and Pro Farm Classes)

1. All tractors must be equipped with the following safety equipment:
2. Steel flywheel, SFI approved scatter blanket, wheelie bars with bumpers strong enough to support weight of tractor, fenders, kill switch, 2.5lb fire extinguisher, SFI approved roll cage, side shields and a second shutoff at the pump. Must have a spring-loaded throttle that returns to idle. Must have a 3 way dump valve a head of the injection pump operated by a cable.
3. SFI approved fire suit, helmet, gloves, shoes, and five-point harness required.
4. Electric fans are required. Stock engine driver fans are not allowed.
5. A signed driver statement required for flywheel.
6. Safety equipment and other components must be made available for inspection upon request of judges and upon protests.

Farm Stock

11000 turbo 8 mph

12500 turbo 8 mph

14000 turbo 8 mph

1. ALL GENERAL RULES APPLY
2. Must have OEM block, fuel system, frames, hoods, drawbar, seats, grills, and front end.
3. Cut tires not allowed.
4. Tractors must have working hydraulics and PTO.
5. Water injection not allowed.

6. Fuel source must be factory to make and model. If it's a diesel it's still a diesel.
7. Add on turbo's: Factory and M&W Turbo's allowed in all turbo classes. Must be installed in a stock appearing manner.
8. Any tractor with a blower internal or external will pull in a turbo class
9. Turbo Tractors: all oil lines, exhaust systems and intake tubing must fit in a total stock manner and must be installed on tractor in order to compete. Stock air cleaner housings and correct plumbing required. Air filter elements not mandatory.
10. 2800 RPM maximum for **Turbo Classes**.

Light Open

6500 7300

1. ALL GENERAL RULES APPLY
2. ALL GENERAL SAFTEY EQUIPMENT REQUIRED
3. Engine block cannot be modified externally in anyway. Only one injection pump allowed. Intercoolers allowed. No nitrous allowed. Only one fuel allowed. Up to a P Pump allowed. Alcohol not allowed.
4. Restricted to a max 3x3 single turbo.
5. Max tire size of 24.5 x 32

Heavy Open

8500 9500

1. ALL GENERAL RULES APPLY
2. ALL GENERAL SAFETY EQUIPMENT REQUIRED
3. Engine block cannot be modified externally in anyway. Only one injection pump allowed. Intercoolers allowed. No nitrous allowed. Only one fuel allowed. Up to a P Pump allowed. Alcohol allowed.
4. Can use multiple turbos.

**Borderline Pulling Series 2018
Improved Farm (2.8 x 3)
10,500-11,000**

ALL GENERAL RULES APPLY!

Engine

- No RPM and speed limits.
- No block larger than 466 cubic inches.
- Engine head must be OEM for that brand and (no aftermarket heads).
- Factory exhaust manifolds only. OEM intake and factory replacements only. No homemade intakes of any kind.
- Turbo: Maximum of a 2.8 inlet by 3 inch outlet. Must be smooth bore. No slots or slugs unless using a 2.6 inlet by 3 inch outlet than Slots or Slugs are allowed. No inner or after coolers.
- Water injection is allowed only in the intake pipe.
- Diesel fuel only. OEM pump must match make and model of manufacturer. (Example John Deere A-Pump/IH Rotary Pump). Must have OEM appearing injection pump, no injection pump larger than A-Pump. No nitrous or propane allowed.
- No exhaust pipe larger than 4 inches in diameter. Must have cross bolts in exhaust pipe.

Safety

- SFI steel flywheel, SFI approved scatter blanket or 3/8 inch plate surrounding the bellhousing (will be teched), wheelie bars, fenders, kill switch, 2.5 pound fire extinguisher, full roll cage with five point harness, if using a ROPS seatbelt is required, side shields recommended, air shutoff, and must have a spring loaded throttle that returns to idle. Must have a 3 way dump valve ahead of the injection pump operated by a cable. Electric Fan is required.
- DOT approved helmet required. Fire suit recommended.
- All competitors must sign a notarized affidavit as proof of having a SFI steel flywheel.

Frame

- Block, driveline, transmission, rear axle and sheet metal must match the model of the manufacturer.
- No custom or component frames. Stock frame only. Tractors must have stock wide front end. Must have frame ties or a one piece frame.
- No tires larger than 20.8 x 38. No cuts or ground tire of any kind allowed. No aluminum rear rims allowed.

Borderline Pulling Series (Points) 2018

Pro Farm (3x3)

9500-10,000

ALL GENERAL RULES APPLY!

Engine

- No RPM and speed limits.
- No block larger than 466 cubic inches.
- Engine head must be OEM for that brand (no aftermarket heads).
- No overhead cams, 2 valves per cylinder.
- OEM intake and exhaust manifolds.
- Turbo: Maximum of a 3 inch inlet by 3 inch outlet. Must be smooth bore. No slots or slugs. No inner or after coolers. United Pullers of Minnesota Certified Turbos allowed.
- Water injection allowed in the crossover pipe and ported water is allowed in the intake manifold only, not the head.
- Diesel fuel only, no injection pump larger than a P-Pump.
- No exhaust pipe larger than 4 inches in diameter. Must have cross bolts in exhaust pipe.
- All inline turbocharged engines are required to have one 3/8 inch thickness cable mounted between cylinders number 2-3 with 4 clamps at the splice, with no more than 4 inches of slack.

Safety

- SFI steel flywheel, SFI approved scatter blanket, wheelie bars, fenders, kill switch, 2.5 pound fire extinguisher, full roll cage with five point harness, side shields, air shutoff, full firewall. Must have a spring loaded throttle that returns to idle. Must have a 3 way dump valve ahead of the injection pump operated by a cable. Electric Fans are required.
- SFI approved fire suit, helmet, gloves and shoes.
- All competitors must sign notarized affidavit as proof of having a SFI steel flywheel.

Frame

- Block, driveline, transmission, rear axle and sheet metal must match the model of the manufacturer.
- Must have frame ties or a one piece frame.
- Maximum length of 13 feet from the center of the rear axle to the front of the tractor, including any type of weights.
- No tires larger than 20.8 x 38 cuts allowed. Aluminum rims allowed.

River Falls FFA Alumni

July 15th 2018 Tractor Pull Rules

Tractor General Rules

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3. All pulls will be made from drawbar. The hitch height must not exceed 20 inches. All pullers must furnish their own twisted clevis or a 3" hoop hole. Clevis must be fastened to the drawbar with a 3/4" or larger bolt and safety pin.
4. No weights hanging directly above the draw bar. Must have 12" opening for the hook-up to the sled.
5. One fuel type only. Alcohol maybe used as fuel in open classes only.
6. Pulling order will be determined randomly by draw.
7. Operator must remain seated and drive in a safe manner.
8. Tractors must operate in a safe manner at all times. No chain jerking or hot-rodding Allowed.
9. All tractors must be in neutral or park when being hooked or unhooked from sled. "Hands up" signal by the driver will be used to indicate this is being followed.
10. Tractor must remain within the boundaries of the track. Failure to do so will result in Disqualification.
11. Tractor must be occupied while it is running.

12. Loss of any weight or part of the tractor will be grounds for disqualification.
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17. All tractors must scale prior to hooking to sled, immediately prior to the start of your Class. 200lbs grace over printed class weight. Once weighed, you are staged. Leaving the staging area is not allowed.
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Farm Stock

4500 non-turbo	45 Factory rated horsepower (4 mph) Max Tire – 15.5x38
5500 non-turbo	55 Factory rated horsepower (5 mph) Max Tire – 15.5x38
7500 non-turbo	75 Factory rated horsepower (5 mph) Max Tire – 18.4x38
9500 non-turbo	100 Factory rated horsepower (5 mph) Max Tire – 18.4x38

1. ALL GENERAL RULES APPLY

2. Must have OEM block, fuel system, frames, hoods, drawbar, seats, grills, and front end.
3. No gear reduction starters in Farm Stock, allowed in Improve Farm Stock.
4. Cut tires not allowed. Press steel rims allowed, no stripping of tractors to make weight class.
5. Tractors must have working hydraulics or PTO if equipped from factory.
6. Water injection not allowed. No electric fuel pumps.
7. Fuel source must be factory to make and model. If it's a diesel it's still a diesel.
8. Any tractor with a blower internal or external will pull in a turbo class
9. Stock air cleaner housings and correct plumbing required. Air filter elements not mandatory.
10. Factory stock RPM set by the Nebraska Test Book. If tractor is not listed, 2000 RPM will be used as a base.
11. Engine RPM/Speed must be controlled by a stock lever only. No strings or wires allowed.

Improved Farm Stock – Tractors 1957 Older

4500 5500 6500 7 mph

1. General rules apply
2. Tractors must have a stock appearing block, frames, transmission, rear end, and axle housing for the manufactures make and model. Cast cylinder head and their replacements are to remain unchanged in outside appearance. No 7-bolt main blocks in Oliver's, no 12-port heads, no 1600 series heads. Blocks are limited to one size up in series. No 800 Minneapolis Moline components. After market cast iron manifolds allowed.
3. Maximum tire size 18.4x38, top cut only.
4. Side shields allowed. Rear fenders and electric fan are recommended. Scatter shield, wheelie bars and kill switch required.
5. Can run over up to 20% over stock RPM's.
6. Hitches max 20" height. No closer then 18" from the center of the rear axle drawbar hole
7. No down draft, tank or airplane carburetors unless originally factory equipment. John Deere lettered series tractors can have a duplex carburetor.
8. Not allowed to shift torque while pulling

Antique Farm Stock – Tractors 1957 Older

2500 non-turbo	25 Factory rated horsepower (3 mph) Max Tire: One Size Over Factory
3500 non-turbo	35 Factory rated horsepower (3 mph) Max Tire: One Size Over Factory
4500 non-turbo	45 Factory rated horsepower (3 mph) Max Tire: One Size Over Factory
5500 non-turbo	55 Factory rated horsepower (4 mph) Max Tire: One Size Over Factory
6500 non-turbo	65 Factory rated horsepower (4 mph) Max Tire: One Size Over Factory

1. General rules apply.
2. Tractors 1957 and older. Grace weight will be 100 lbs in this class
3. Speed limits up to 4500 lbs 3 mph. 5500 lbs and up 4 mph. Stock rpm's will be checked. Not allowed to shift torque or gear while pulling. Engine speed must be controlled by the throttle lever only. No strings or wires allowed.
4. Clevis must have a 3 inch hole minimum. Must swing free and not bolted on. **(No D Rings)**
5. Tires can only be one size over factory. No press steel rims unless factory. Steel wheels pull last in there class.
6. Rear wheel and/or bolt on frame weights allowed. No hanging suitcase or homemade weight brackets allowed.
7. Factory mufflers, No straight pipes allowed unless OEM equipped.
8. PTO, Hydraulics and factory air cleaners must be functional on tractors equipped with such devices.
9. Maximum drawbar height to be 16 inches, Hitch must be as it came from the factory- unaltered for that specific tractor. Drawbar length minimum of 14 inches from the end of the PTO shaft to the center of the drawbar hole. (Rigid in all directions.)

