

## General Rules

- Each tractor may be will be allowed two hooks.
- Drivers must be 18 years old or 16 with parent's written consent.
- Driver must be present at the **4:45 p.m. drivers' meeting.**
- Tractor may be 200 pounds max over posted class weight with driver.
- No pressurized fuels, nitrous oxide or other oxidizing agents allowed.
- All engine radiator fans must be properly shrouded. All clutches, pressure plates, fly wheels and driver train components must have 360 degree shroud of 3/16 or greater metal material.
- Minimum drawbar length 18 inches from center of rear axle to point of hook, and may not pull from two or three-point hitching mechanisms.
- The drawbar is to be stationary in all directions, and not to exceed 20" from top of drawbar.
- No front weight frame or weights may extend 24 inches beyond the front of the tractor.
- All weights must be safely secured to the tractor; Rear weight must now interfere with hooking to the sled.
- If anything falls off during your pull, you will be disqualified.
- Just before pulling, the puller will be weighed and must be on weight and move directly to staging.
- Puller must operate in a safe manner at all times; Operators must remain seated during the pull with at least one hand on the steering wheel.
- Must be in neutral when hooked and unhooked.
- All pulls must start from a tight hitch – no jerking permitted.
- Driver is allowed one restart before 100 feet, if you cross the out of bounds line or drop anything before 100', you will be disqualified and no restart will be allowed.
- Tractor and skid must remain within boundaries of the contest course during the pull, or you will be disqualified.
- Driver must stop immediately upon signal from judge; the pull is over when forward motion stops.
- Failure to allow inspection by judges will result in disqualification.
- Promoters reserve the right to refuse any entry.
- Contest to be governed by judges with all decisions final. Judges have the right to stop and disqualify any tractor or truck if it is not being operating in a manner as would be considered safe.
- **No one! Including crew members will be allowed on the track after the tractor is hooked to the sled. This includes after the tractor has finished pulling, unless approved by the track official, or your tractor will be disqualified.**
- **No arguing with or the use of poor language to the – Promoters, Pull Officials, People Teaching or the Sled Operators. If there is a problem, you and your crew will be asked to leave. We need to keep our sport clean and respect others.**
- **NO ALCOHOL IN THE PIT AREA.**

Complete list of rules & registration form: go to [www.butterfieldmn.com](http://www.butterfieldmn.com)

### **Stock – Out of Field**

**Weight classes – 9,000 / 11,000 / 13,000 / 16,500**

#### **Class Rules: Pulling order is by reverse sign up order.**

- These classes are for **Out of field tractors** only.
- Stock Means Stock! – RPM's, Block, Head, Manifolds, Fuel Pump and Turbo.
- Fuel only – Diesel or Gas, no pressurized fuels, nitrous oxide or other oxidizing agents allowed.
- Factory rims
- No limit on tire size
- Duals – Allowed in 16,500 lbs. only.
- No cut tires.
- Factory drawbar or drawbar w/loop only – (No adjustable pulling hitches)
- Working hydraulics & pto – (if equipped)
- No aluminum parts allowed.
- All curved exhaust pipes must face forward.
- All general rules apply, see general rules sheet for details.

#### **Safety Equipment**

- Seatbelts need to be used with ROPS and cab tractors.
- Wheelie bars – Optional but recommended.
- Any type of safety equipment is recommended.

### **Hobby Stock**

**Weight classes – 4,500 / 5,500 / 6,500 / 7,500  
1966 – 50 years old & older tractors**

#### **Class Rules: Pulling order is by reverse sign up order.**

- May use any gear.
- One fuel only – gas or diesel. No pressurized fuels, nitrous oxide or other oxidizing agents allowed.
- Must have stock block, crank case, head, manifolds, injection pump, or carburetor for that model tractor.
- No cut or grooved tires.
- No torque amplifiers
- No aluminum frame / chassis, aluminum front wheels allowed.
- No turbocharger unless originally equipped.
- All general rules apply, see general rules sheet for details.

#### **Safety Equipment:**

- Wheelie bars – Optional but recommended.
- Any type of safety equipment is recommended.

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**Improved Stock**  
**Weight classes – 4,500 / 5,500 Gas/Diesel Non Turbo**  
**&**  
**7,500 410 Cid Diesel/Gas / 11000 (RPM Series Rules)**

**Class Rules: Pulling order is by reverse sign up order**

- One fuel only – gas or diesel, No pressurized fuels, nitrous oxide or other oxidizing agents allowed.
- Stock appearing engine & sheet metal, transmission and rear end must match brand.
- Stock appearing carburetor's & fuel pumps
- No max tire size.
- Cut tires allowed in 4,500 and 5,500 classes only.
- (Allowed) Pulling hitch, weld on hubs, steel wheels, radial tires, aluminum front wheels & weight brackets.
- (Not Allowed) Duals, curved exhaust pipes, aluminum frame / chassis.
- All general rules apply, see general rules sheet for details.

**Special to: Improved Stock 7,500 / 9,500 Diesel Turbocharged class rules:**

- Engine block must be from a 410 cubic inches or smaller diesel or gas engine.
- A single T04 turbocharges is allowed, with up to a 2.25 inch max intake (No slots or slugs allowed)
- No inline fuel injection pumps allowed in this class.
- No V or double cut tires.
- Tractor must have wheelie bars and wide front.

**11000 RPM Ci Class:**

- No speed limit.
- 3000 RPM limit. Any tractor at any time may be checked with the RPM gun, throttle stop must be against the stop at the pump. Disqualification for any RPM's over 3001.
- 466 cubic inch limit or smaller engines only with OEM Ag head & manifolds. (No aftermarket or truck manifolds allowed).
- Approved pumps only – rotary or A – pumps only (NO p-pumps)
- One (Box Turbo) limited to Fair Valley Performance & Scheid Diesel S300SX-E turbo 2.46 inlet, factory billet compressor wheel, enhanced compressor cover, 360 thrust bearing 80mm inducer turbine wheel, 2.93" outlet, .91 exhaust housing, T4 flange, Fair Valley part #PPT118-5 KY LT Hot Farm or Scheid part #S300SXE91KTPA-LHF also allowed box stock 3LM 466 Schwitzer 2.3" inlet. NO OTHER TURBO'S ALLOWED, TURBO'S MUST BE CERTIFIED AND SEALED.
- After market crossover allowed if built the shortest distance between turbo & intake.
- Stock appearing block, driveline, transmission, front & rear axle and sheet metal must match model of the manufacturer.
- No spacer blocks – between block and the cylinder head or between block and intake manifold allowed.
- No water or any other type injection allowed, diesel fuel only, no pressurized fuels, nitrous oxide or other oxidizing agents allowed.
- Max tire size 20.8x38 & 18.4x42 or metric equivalent (520 and 480).
- **(Allowed)** Pulling hitch, weld on hubs, steel wheels, aluminum front wheels, factory front weight brackets only.
- **(Not Allowed)** V or double cut pulling tires, aluminum frame/chassis, curved exhaust pipes, rain caps, waste gate or variable turbo's, inner coolers, after coolers.
- Minimum drawbar length 18" from center of rear axle to point of hook, and may not pull from two or three-point hitching mechanisms.

- The drawbar length is to be stationary in all directions, and not to exceed 20" from top of drawbar.
- All weights must be safely secured to the tractor; rear weight must not interfere with hooking to the sled.
- Mandatory teching for the 11000 lbs. Failure to allow inspection by judges will result in disqualification.

### **Safety Equipment:**

- Any type of safety equipment is recommended in all classes.
- All engine radiator fans must be properly shrouded. All clutches, pressure plates, fly wheels and drive train components must have 360 degree shroud of 3/16" or great material. **(RPM Rules)**
- Air shut off – needs to disconnect at the rear of tractor and hook to sled. **(RPM Rules)**
- Must have wheelie bars, fenders, fire extinguisher and wide fronts. **(RPM Rules)**
- Driver must wear long pants, shorts will not be allowed. **(RPM Rules)**
- **Optional, but recommended** – Steel Flywheel, dead man's throttle, ropes with seatbelt, cages allowed. Helmet's recommended, and required on all caged tractors, electric or no cooling fan. Two 5/16" bolts in a crisscross pattern may be installed in exhaust pipe to prevent turbo parts from flying out.

## **Open Class**

### **Class Rules: Pulling order is by reverse sign up order**

- Make Weight & Pull
- No speed or rpm limit
- No engine restrictions.
- Any combination of engines, transmissions and final drives
- All general rules apply, see general rules sheet for details.

### **Mandatory Safety Equipment in ALL Open Classes:**

- Steel flywheel
- Air shut off or kill switch, needs to disconnect at the rear of vehicle and hook to sled.
- Side Shields (recommended to follow the NTPA guide line)
- ROPS with seatbelt, helmet, drivers must wear long pants (No shorts)
- Wheelie bars, fenders & fire extinguisher, wide front
- Electric or no cooling fan
- Floor board must be strong enough to support the driver.
- No curved exhaust pipes.
- Any type of safety equipment is recommended.

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**Hot Farm Class**  
**Weight classes – 9500 (RPM Series Rules) / 11000 (RPM Series Rules)**  
**13000 lbs / 16500 lbs**

**Class Rules: Pulling order is by reverse order sign up**

- No speed or RPM limit
- One fuel only, Diesel or Gas. No pressurized fuels, nitrous oxide or other oxidizing agents allowed
- (Allowed) – Pulling hitch, water injection, pusher pump, weld on hubs, steel wheels, aluminum front wheels & weight brackets.
- (Not Allowed) – V or double cut pulling tires, aluminum frame/chassis, curved exhaust pipes.
- Mandatory teching for the 11,000 lbs. Failure to allow inspection by judges will result in disqualification in ALL classes.

**11,000 lbs. Hot Farm Class:**

- Optional points pull class for 2016 (Best 6 of 7 pulls) cost \$100.00 per tractor extra for the year.
- 466 OEM cubic inch or smaller engine, with OEM Ag head & manifolds (No truck manifolds allowed)
- Block, driveline, transmission, front & rear axle and sheet metal must match model of the manufacturer.
- Stock appearing fuel injection pump, no p-pumps allowed.
- No spacer blocks – between block and the cylinder head or between block and intake manifold allowed.
- One turbo only – with a max inlet of 2.8 and outlet size of 3” (No slots or slugs) no waste gate or variable turbos
- Max tire size 20.8 x 38

**13,000 & 16,500 Lbs. Hot Farm Classes:**

- Stock appearing blocks, OEM head & manifolds, p-pumps allowed.
- 3” max inlet on a single turbo will be enforced.
- Cut tires – (Allowed in 13,000 only)
- Duals – (Allowed in 16,500 only)

**Mandatory Safety Equipment in ALL Hot Farm Classes:**

- Steel flywheel
- Air shut off-needs to disconnect at the rear of tractor and hook to sled.
- Side shields (recommended to follow the NTPA guide line)
- ROPS with seatbelt, cages allowed. Helmets recommended, and required on all cage tractors.
- Wheelie bars, fenders, fire extinguisher, wide front
- Electric or no cooling fan
- Floor board must be strong enough to support the driver.
- Drivers must wear long pants (No shorts)
- Any type of safety equipment is recommended.
- **A few of the general rules:** (All general rules apply, see general rules sheet for details.)
- Tractor may be 200 pounds over posted class weight with driver.
- All engine radiator fans must be properly shrouded. All clutches, pressure plates, fly wheels and driver train components must have 360 degrees shroud of 3/16 or greater metal material.

- Minimum drawbar length 18 inches from center of rear axle to point of hook, and may not pull from two or three-point hitching mechanisms.
- The drawbar must be stationary in all directions, and not to exceed 20" from top of drawbar.
- No front weight frame or weights may extend 24 inches beyond the front of the tractor.
- All weights must be safely secured to the tractor; Rear weight must not interfere with hooking to the sled.
- If anything falls off during your pull, you will be disqualified.
- Just before pulling, the puller will be weighed and must be on weight and move directly to staging.
- Driver is allowed one restart before 100 feet; if you cross the out of bounds line or drop anything before 100', you will also be disqualified and no restart will be allowed.
- NO ONE, including crew members, will be allowed on the track after the tractor is hooked to the sled. This includes after the tractor has finished pulling, unless approved by the track official, or your tractor will be disqualified.
- No arguing with or the use of poor language to the – promoters, pull officials, people teching or sled operators. If there is a problem, you and your crew will be asked to leave. We need to keep our sport clean...and respect others.

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## Truck Classes

### 6200 Super Stock / 8000 Street Stock Diesel

### 8500 Street Modified Diesel

**Class Rules: Pulling order is by reverse sign up order.**

#### **Street Stock Diesel Rules:**

- Vehicle must remain street legal and licensed. DOT tires only.
- Must pull off a factory hitch or receiver. 26 inch hitch height.
- No weight brackets.
- Stock Turbo (No modified turbos).
- Engines must be naturally aspirated in 5800 lb class.
- No dual fuels, aluminum heads or multiple carburetors.
- No injectables (water, propane, etc.).
- Tuning is allowed.
- After market exhaust allowed.
- Cold air intake allowed.
- All General Rules Apply.

#### **Street Modified Diesel Rules:**

- DOT tires required.
- 26 inch hitch height.
- All General Rules Apply.

#### **Super Stock Rules**

- DOT tires only.
- Single Carburetor.
- Drive shaft loops and kill switch required.

#### **General Rules:**

- Truck may be 200 pounds over with driver.
- Driver must be 18 years of age or at least 16 years of age with parent's written consent.
- Driver must be present at the 3:15 drivers' meeting.
- No tire chains, pressurized fuels, nitrous oxide or other oxidizing agents.
- Water injection is allowed.
- Truck must have hitch hole or quarter turn clevis at least 3 inches in diameter.
- Pulling point not more than 26 inches high.
- Hitch must be rigid in all directions.
- All vehicle must have working brakes.
- All added weight must be fastened securely.
- Front weight may not extend more than 60 inches from the center of the front axle.
- Just before pulling, the puller will be weighed and must be on weight and move directly to staging.

- Puller must operate in a safe manner at all times.
- Must be in neutral when hooked and unhooked.
- All pulls must start from a tight pitch – no jerking permitted.
- Driver is allowed one restart before 100 feet.
- Truck and skid must remain within boundaries of the contest course during the pull, or disqualified.
- Driver must stop immediately upon signal from judge; Pull is over when forward motion stops.
- Failure to allow inspection by judges will result in disqualification.
- Promoters reserve the right to refuse any entry.
- Contest to be governed by judges with all decisions final. Judges have the right to stop and disqualify any tractor or truck if it is not being operated in a manner as would be considered safe.
- **NO ALCOHOL IN THE PIT AREA!**

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## **Semi Class**

### **OTR Stock / OTR Improved**

### **Vintage (1980 and Older) / Open**

**Class Rules: Pulling order is by reverse sign up order.**

#### **OTR Stock Rules:**

- Hitch height must be 20".
- Must be a licensed and DOT inspected, WORKING truck.
- No engine modifications. No slipper clutches.
- No added weights.

#### **OTR Improved Rules:**

- Hitch height must be 18".
- Must be a licensed and DOT inspected, WORKING truck.
- Motor modifications are accepted.
- Chained suspension or rigid is accepted.
- No added weights.

#### **Vintage (1980 and Older) Rules:**

- Hitch height must be 20".
- No engine modifications.
- No hot rods or modified trucks.
- No added weights.

#### **Open Rules:**

- Hitch height must be 18".
- Maximum weight is 20,000 lbs.
- Safety equipment is highly recommended.
- Run what you bring!

#### **General Rules:**

- Hitch height will be measured when suspension is inflated and you are on standby for hook up.
- All trucks must have a working fire extinguisher.
- Front wheel drive and 6x6's must be approved and may be categorized as an exhibition.
- No pickups or tractors. Must be a semi-tractor.
- Shut down is BEFORE 100 ft. If your front tire is 1" past, that's your footage!
- First puller in the class has the option to re-pull and will do so last.
- Registration includes one wristband entry into the pit and 1 pull. Registration is \$20.00.
- Safety equipment is great appreciated.
- All entries are subject to approval and will be changed by the pull staff if deemed necessary.
- **NO ALCOHOL IN THE PIT AREA!**

