



## 2022 Nicollet County Fair Truck & Tractor Pull

Thursday, August 11, 2022 – 6:30 p.m. | 6:00 p.m. Mandatory Driver's Meeting

Nicollet County Fairgrounds, 400 West Union Street, St. Peter, MN 56082

Gate opens at 3:00 p.m. | Registration starts at 3:00 p.m. and closes at 5:30 p.m. sharp

**Limited to first six entries in each class, so register early!**

Print Name: \_\_\_\_\_ Email: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ Cell #: \_\_\_\_\_

Truck/Tractor: Make: \_\_\_\_\_ Model: \_\_\_\_\_ Year: \_\_\_\_\_

CHECK EACH CLASS THAT YOU WANT TO COMPETE IN:

### Stock - Out of Field:

- 9,500 lbs. non-turbo stock
- 11,000 lbs. stock
- 13,000 lbs. stock
- 16,500 lbs. stock (duals allowed this stock only)

### Hobby Stock – 1958 and older – Speed 6 MPH:

- 5,500 lbs.
- 7,500 lbs.

### Improved Stock:

- 5,500 lbs. - Gas or Diesel non- turbocharged
- 7,500 lbs. - Gas or Diesel non- turbocharged
- 9,500 lbs. – Super Farm (Single turbo – any size 24.5 x 32 max tire, cut tires allowed)

### King of the Hill: \$40 entry fee

- 18,500 lbs. street stock modified-gas or diesel

### Trucks:

- 6,200 lbs. street modified
- 8,500 lbs. street modified diesel
- 20,000 lbs. semi class – (20" hitch height)

### Renegade Pullers of Minnesota Points Classes:

- RPM Improved Stock- 9,500 lbs. Max (410 cubic inch block, 2.25 inch T04 turbo, no inline pumps)
- RPM Hot Farm -10,500 lbs. (466 cubic inch or smaller engine only. Stock appearing pump. No P-Pumps. Single turbo with max size of 2.6 x 3" with no slots or slugs) \*Optional - RPM Points
- Hot Farm -13,000 lbs. (3.0 inch max intake limit on turbo. P-Pumps and cut tires allowed 13,000 only)

**ENTRY FEES: \$40 – King of the Hill**

**\$30 - Registration before August 1 | \$40 - registration after August 2**

Pulling order will be a random drawing. We will refund your check, if you can't make the pull.

Each entry fee admits the driver only and covers the first hook.

Pit passes are \$30 per person at the back gate and must be 16 years or older.

Make check payable to: **Nicollet County Ag Society**

Complete and mail entry form with check to: **Tractor Pull/Tim Enz, 42297 387<sup>th</sup> Avenue, St. Peter, MN 56082**

**For questions, please call:** Tim Enz 507-381-7698 or Richard Michels 507-381-3702

**Entrant Agreement:** I will enter the Nicollet County Fair pulling contest. I agree to have all the required safety equipment. I agree to attend the driver's meeting at 6 p.m. I agree to abide by the rules of the supervisors and officials of the event. I agree that I enter this event of free will and do not hold the Nicollet County Ag Society, Nicollet County Fair Board, or it's agents liable for any injury or loss. Driver and pit personnel will sign the liability waiver before entry through gate into the pit area.

Signature of Competitor: \_\_\_\_\_

If age 17 or younger, must be signed by the parent or legal guardian and have notary stamp here:

## GENERAL RULES

- Each tractor may be entered in one class only, unless there is an opening the day of the pull.
- Drivers must be 18 years old or 16 with parent's notarized written consent.
- Driver must be present at the 6:00 p.m. driver's 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 drive train components must have 360 degree shroud of 3/16 inch or greater metal material.
- Minimum drawbar length 18 inches from enter 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 not interfere with hooking to 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 feet, you will also 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 operated 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 swearing at any of the event staff (promoters, pull officials, tech team, 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.
- **NO ALCOHOL IN THE PIT AREA.**

## STOCK – OUT OF FIELD

**Weight Classes: 9,500 | 11,000 | 13,000 | 16,500 | King of the Hill 18,500**

**Class Rules: Limited to the first six entries in each class (pulling order is by random drawing)**

- These classes are for out of the field tractors only.
- Stock mean stock (RPMs, block, head, manifolds, fuel pumps and turbo)
- RPM check = at the scale, you will be asked to open the throttle up to the stop and hold for RPM check.
- No speed limit.
- One 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 the 16,500 lb. and larger classes
- No cut tires
- Factory drawbar or drawbar with loop only (no adjustable pulling hitches)
- Working hydraulics and 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: 5,500 | 7,500**

#### **1958 and older tractors**

Class Rules: Limited to the first six entries in each class (pulling order is by random drawing)

- 6 MPH
- RPM limit – 10% over stock
- May use any gear
- One fuel only – gas or diesel. No pressurized fuels, nitrous oxide or other oxidizing agents allowed
- Must have stock block, crankcase, 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

### **IMPROVED STOCK**

**Weight Class – 5,500 and 7,500 - Gas or Diesel, non-turbocharged**

**9,500 lbs. Renegade Pullers of Minnesota Diesel Turbocharged Points Pull Class**

Class Rules: Limited to the first six entries in each class (pulling order is by random drawing)

- No speed or RPM limit – gas and non-turbo tractors can run in 7,500 and 9,500 class
- One fuel only diesel or gas. No pressurized fuels, nitrous oxide or other oxidizing agents allowed.
- Stock appearing engine and sheet metal, transmission and rear end must match brand
- Stock appearing carburetors and fuel pumps
- No max tire size in 5,500 and 7,500
- Cut tires allowed in 5,500 and 7,500 classes only
- ALLOWED – Pulling hitch, weld on hubs, steel wheel radial tires, aluminum front wheels and weight brackets
- NOT ALLOWED – duals, curved exhaust pipes, aluminum frame or chassis
- All general rules apply. See general rules sheet for details.

#### **SPECIAL TO IMPROVED STOCK 7,500 AND 9,500 DIESEL TURBOCHARGED CLASS RULES:**

Optional points pull class for 2018 Best. 7 of 9 pulls. Cost \$100 per tractor. Entry fee for the year.

No truck parts allowed, Must use all ag parts. 18.4 x 38 max tire size

- Engine block must be from a 410-cubic inches or smaller diesel
- A single T04 turbocharger 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. Exhaust must be cross bolted after turbo.

Over 3000 RPM must have all the safety equipment as the RPM 11,000 class

Mandatory cubic inch check pre –season \$100.00 Tech Fee.

### **OPEN CLASS**

**Weight Classes – 7,500 Open and 9,500 Open/Supper Farm**

**Class Rules: Limited to the first six entries. Pulling order is by random drawing.**

- No speed or RPM limit
- No duals, No curved exhaust pipes
- Cut tires and aluminum parts allowed
- All general rules apply. See general rules sheet for details.

### **7,500 Open**

Make Weight and Pull

- No engine restrictions. Minimum of a rop with seatbelt and helmet in 7,500 only
- Any combination of engines, transmissions and final drives

### **9,500 Open/Super Farm Class**

- Diesel Only
- Single turbo-any size
- 24.5 x 32 maximum tire size

Mandatory Safety Equipment in All Open Classes:

- Steel flywheel. Side shields
- Air shut off or kill switch - needs to disconnect at the rear of vehicle and hood to sled
- Cage with 5-point harness, blanket, dead man throttle, tie bars, weldon hubs and helmet in 9,500
  
- Drivers must wear long pants (no shorts)
- Wheelie bars – fenders and fire extinguisher mounted in reach of driver – wide front
- Electric or no cooling fan, pulling hitch
- Floor board must be strong enough to support the driver
- Any type of safety equipment is recommended

### **HOT FARM CLASS**

**Weight Class: 9,500 | 10,500 | 13,000**

**Class Rules: Limited to the first six entries. Pulling order is by random drawing.**

- 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 and weight brackets
- NOT ALLOWED – V or double cut pulling tires, aluminum frame, chassis, curved exhaust pipes

Mandatory teching for the 10,500 lbs. Failure to allow inspection by judges will result in disqualification in ALL classes

### **10,500 Hot Farm Renegade Pullers of Minnesota (RPM) Class**

Optional points pull class for 2022 (best 7 of 9 pulls) cost \$100 per tractor extra for the year.

Stock appearing block, driveline, transmission, front and rear axle and sheet metal must match model of the manufacturer.

After market nose piece and hoods allowed.

No intercoolers or after coolers allowed.

466 cubic inch or smaller engine only, with OEM Ag head and manifolds. No truck manifolds allowed.

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 turbo (intake wheel must protrude 1/8 inch into housing).

Stock front weight brackets only.

Max tire size 20.8 x 38.

### **13,000 lbs. Hot Farm Classes:**

One fuel only, diesel or gas. No pressurized fuels nitrous oxide or other oxidizing agents allowed.

- Stock appearing blocks, OEM heads and manifolds, P-pumps allowed.
- 3” max inlet on a single turbo will be enforced.
- Cut tires – allowed in 13,000 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 allowed.
- Any type of safety equipment is recommended.

### **General rules** (all general rules apply – see general rules sheet for details):

- Tractor may be 200 pounds max over posted class weight with driver
- 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 inch 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 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.

### **TRUCK AND SEMI CLASSES**

**6,200 Street Modified | 8,500 Street Modified Diesel | Semi Class (20" hitch height)**

#### **SEMI CLASS RULES:**

**Limited to the first six entries. Pulling order is by random drawing.** All general rules apply.

#### **6,200 lbs. Street Modified Rules:**

Engine must be naturally aspirated. Hitch height for the class is 26". No dual fuels. Must provide own clevis or 4" hitch hole. No hollow tube style receivers must be the solid style for safety. Hitch hole must be accessible – min of hole/hook point must be seen when looking straight down from bumper or back of truck bed.

#### **8,500 lbs. Street Modified Diesel rules:**

26" hitch height

Must provide own clevis or 4" hitch hole. No hollow tube style receivers must be the solid style for safety. Hitch hole must be accessible – min of hole/hook point must be seen when looking straight down from bumper or back of truck bed. No dual fuels.

## 410 Renegade Pullers of Minnesota – 2022 Points Pull Class Rules

### 9,500 lbs. Improved Stock

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- **Optional** points pull class for 2022 – **Cost of \$100 per tractor entry fee for the year.**
- Stock appearing engine and sheet metal, transmission, and rear end must match brand.
- Must have factory built wide front steer axle from any brand (tractor). No combine steering axles.
- No truck parts allowed. Must use all ag parts. 410 cubic inch max. Engine block must be from a 410 cubic inch or smaller unit. Mandatory cubic inch check prior to the season starting if you plan on participating in the class for points. \$100 tech fee.
- Stock appearing carburetors and rotary fuel injection pumps. No inline fuel injection pumps allowed in this class.
- One fuel only diesel or gas. No pressurized fuels, nitrous oxide or other oxidizing agents allowed.
- A single T4 flange turbocharger is allowed with up to 2.25 inch max intake. Turbo inlet vanes must protrude 1/8" into the max 2.25" intake bore. No slots or slugs allowed.
- Cross over pipe max length 40" and max diameter 3.78".
- Water injection allowed. Water and lube product only. No additional additives.
- No inner coolers allowed.
- No speed or RPM limit.
- 18.4 x 38 max tire size. No V, single or double cut tires.
- No weight can extend 24" beyond the furthest most stock point of the front end of the tractor.
- **Allowed:** Pulling hitch, weld on hubs, steel wheels, radial tires, aluminum front wheels and weight brackets.
- **Now Allowed:** **Duals, curved exhaust pipes, aluminum frame/chassis.**
- Tractor must have wheelie bars and ROPS with seatbelt.
- Tractor must be equipped with an emergency air shutoff on the inlet of the turbo.
- Tractor must have metal side shields covering motor assembly for safety reasons.
- Strongly recommended spring loaded dead man's throttle.
- **Over 3,000 RPM must have the following safety equipment: steel flywheel and necessary shields for rotating components.**
- Base of seal, ROPS, and roll cages must be properly secured to the tractor.
- Helmet is required if tractor is equipped with a roll cage or narrow ROPS.
- No helmet is required if equipped with a factory width ROPS.
- Fire extinguisher required and mounted for easy accessibility.
- Tractor must be available for tech inspection at all times before or after the pull. No exceptions.
- Class weight is 9,500 lbs. plus 200 lbs. allowance for the driver (maximum weight is 9,700 lbs.)

## 466 Renegade Pullers of Minnesota – 2022 Points Pull Class Rules

### 10,500 lbs. 2.6 Class

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#### Class Rules:

- No speed or RPM limit
- On fuel only – gas or diesel. No pressurized fuels, nitrous oxide or other oxidizing agents allowed.
- **Allowed:** Pulling hitch, water injection – water only you may run a lube product. Pusher pump, weld on hubs, steel wheels, aluminum front wheels and weight brackets.
- **Not Allowed:** V or double cut pulling tires, aluminum frame/chassis, curved exhaust pipes.
- **All general rules apply.** See general rules sheet for details.

#### 10,500 lbs. 2.6 Renegade Pullers of Minnesota (RPM) Class:

- Non-RPM members will run for payout only. No points. **All tractors, including non-members, must pass a tech inspection to collect prize money.**
- Mandatory cubic inch check prior to the season starting if you plan on participating in the class for points. \$100 tech fee.
- Stock appearing block, driveline, transmission, front and rear axle and sheet metal must match model of the manufacturer.
- After market nose piece and hoods allowed.
- No intercoolers or after coolers allowed.
- 466 cubic inch or smaller engine only, with OEM ag head and manifolds. No truck manifolds allowed.
- Manufactured crossovers are allowed.
- Stock appearing fuel system that tractor came with. No P pumps allowed.
- No spacer blocks allowed between block and the cylinder head or between cylinder head and intake manifold.
- One turbo only with a max inlet of 2.6" with 0.200 map ring. No waste gate or variable vane turbo.
- Maximum tire size is 20.8 x 38.
- Mandatory teching. **Failure to allow inspection by judges will result in disqualification.**
- Safety requirements:
  - Exhaust must be cross bolted after turbo.
  - Tractor must have wheelie bars.
  - Tractor must be equipped with an emergency shutoff on the inlet of the turbo.
  - Over 3,000 RPM must have the following safety equipment – steely flywheel and necessary shields for rotating components.
  - Base of seat, ROPS, and roll cages must be properly secured to the tractor.
  - Helmet and seatbelt are required if tractor is equipped with a roll cage or narrow ROPS.
  - No helmet required if equipped with a factory width ROPS.
  - Fire extinguisher.
  - All tractors must have a dead-man throttle.