

# Hookstown Fair Quarter Scale Nationals

**When-** Monday, August 21, 2023

**Place-** Hookstown Fair Grounds 1198 State Route 168 Hookstown PA 15050

**Time-** Drivers meeting at 6:00pm      Pull at 6:30pm

## **Classes**

- Kids Lawn Stock
- Pro-Stock Classic
- Hot Stock Twin
- 6k Governed Twin
- Open (50.5 Singles and Pro v-Twins)
- Limited Pro Stock Diesel Class

**So far Over \$1,500 Dollars in Purse Money and Growing.**

**If Any Questions Please Contact:**

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## **Rules**

### **Classes**

- Pro-Stock Classic
- Hot stock twins
- 5k governed twins
- Open class (50.5 singles and pro v-twins)
- Limited Pro Stock Diesel Class

1. General Rules

- all rules apply to all classes unless otherwise stated.
- Track officials decision will be final

## 2. Track Operations

- Any part of the tractor touching the out of bounds lines will result in a disqualification. There is no out of bounds once the tractor passes the full pull mark.
- 2 attempts will be allowed to start the sled except in pull-offs.
- The first puller in the class can drop his/her pull and come back at the end of the pull.
- Know the class and the place you are pulling in and have your tractor so the pull is not delayed.
- All tractors must be operated in a safe manner at all times.

## 3. Safety

- Helmets and a minimum of a fire suit jacket is mandatory in all classes.
- All tractors must have a working kill switch.
- All tractors must have a deadman throttle
- All tractors must have wheelie bars. Wheelie bars must not be more than 5 inches above the ground.
- All drivers must remain seated during the pull and keep one hand on the steering wheel at all times.
- Any lose of weights or other components will result in a disqualification
- Exhaust must discharge vertically
- Single cylinders need a scatter shield opposite side of the cam made with 1/8 steel or 3/16 aluminum.
- V-twins must have a scatter shield on the external sides of the cylinders extending from the head gasket to the frame made from 1/8 steel or 3/16 aluminum.
- Flywheel and clutch assemblies must be covered with 1/8 steel or 3/16 aluminum
- All tractors must have steel flywheels.
- All tractors must have working brakes.

## **Pro-Stock Classic**

- Flatheads only. No OHV. All blocks must have fins
- No jones, J-2 julian or Woolham Blocks Permitted
- 1.200 Venturi Carb Max. No Air Entering After Venturi
- 2 Valves Only 1 INT. 1EXHAUST. Same Side Of the Engine. No Reverse Ports
- Head Straps, Side Shields Mandatory
- Fuel will be (CLEAR) Alcohol only, No Fuel additives
- 1050 Weight 13" Hitch
- All general safety rules apply.
- Light Pros May Enter This Class at #1100 and 13" Hitch

## **Hot Stock Twin 5,000 RPM**

- Must use Kohler Command Engine Twin Only
- Stroke Limit: 2.750 max
- Bore Size: 3.307 max
- Maximum Cubic Inch Limit: 47.25

- Kohler Command Downdraft Carb Only 1" Venturi Limit
- Plastic, Horizontal Alum and Vertical Shaft Manifolds Allowed. No Fuel Injection
- 5/8" Spacer Maximum
- Crank Trigger Permitted
- Steel Flywheels Only. Must Have Proper Shielding.
- Any Camshafts Permitted Roller, Flat Tappet. No Reverse Grinds Allowed. Roller Rockers Allowed
- 26x12x12 Max Tire Size Pro Tires Allowed
- Internal Governors Only
- Gov bracket must be stock, OEM stamp Kohler part # 24-536-02-S

### **5k Governed Twin**

- 1050 lbs. weight 13 inch hitch height
- 30 HP block max. No recast, billet, or plated heads. 60 cubic inch max.
- No welding on outside of the heads. Putty permitted.
- 1.2 recast carb max.
- Any ignition allowed.
- Electric fuel pumps allowed.
- Fuel: gas or methanol.
- 56 inch wheel base max.
- Any 26x12x12 tire allowed.
- Weight boom length 8 foot from the center of the rear axle.
- All general safety rules apply.

### **Open class**

- The open class is a combination of open twins and open singles
- 1050 weight and 13 inch hitch
- Any 26X12X12 tire allowed
- Fuel: gas or methanol
- Aftermarket blocks allowed
- Billet or recast heads allowed
- Any carb or fuel injection
- Any ignition is allowed
- Electric fuel pumps allowed
- 56 inch wheel base... MAX
- Weight boom length = 8 foot from center of rear axel
- All general safety rules apply

### **Limited pro stock diesel class**

- This class uses the same rules as NQS limited pro stock diesel class rules and be found at <http://blog.nqspulling.org>