



# Motorsports Rulebook

**Washington County Fair Inc.**

392 Old Schuylerville Rd. Greenwich, NY 12834

Phone 518-692-2464 Fax 518-692-1021

Web site: [www.washingtoncountyfair.com](http://www.washingtoncountyfair.com)

**Updated June 2023**

## **NOTICE**

All track officials, helpers, volunteers, announcers, etc. must adhere to the rules as outlined in this MotorSports Manual.

Any persons working on the track or operating equipment during Fair Week must be at least 16 years old (WITH SUPERINTENDENT'S APPROVAL), excluding registered participants in their event on their equipment.

## **HARASSMENT**

Persistent and unwelcome conduct or action will not be tolerated. Anyone who intimidates is hostile, abusive, or disruptive could be escorted off the grounds. Reports of such behavior are to be made in writing and submitted to the Fair Office. Such reports will be kept confidential. Information will be investigated and kept on file at the Fair Office. If further action is needed, it will be referred to the executive committee.

## **Entrance for Competitors**

Please use West Gate (Gate E, Route 29) to enter the pit area

**Please make sure that you read this MotorSports manual closely as there are changes/additions in several regions.**

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## **DEMOLITION DERBY**

Superintendent - John Sullivan (518 222-9965) & Mike O’Konski (518 796-3523)

Monday, August 21, 2023, at 7:00 p.m.

Entry Fee: **\$25.00 per vehicle**

**PRIZE MONEY: 1st) \$500.00 per heat & TROPHY 2nd) \$200.00**

COMPETITORS, S PLEASE USE WEST GATE (GATE E, RT. 29)

TO ENTER PIT AREA

Tech starts at 2:00 pm; Registration begins at 2:00 pm. 5:00 pm cutoff unless you contact the Superintendent before the event. **BE THERE EARLY!**

For entry form contact:

The Fair Office at 518-692-2464 or **[www.washingtoncountyfair.com](http://www.washingtoncountyfair.com)**

Five heats of cars (16 car limit per heat)

Small Cars

Medium Cars

Large Cars

Mini Pickup/SUV(only two-wheel drive)

Full-Size Truck/SUV

NO Minivan Class for the MONDAY DEMO - Minivans for Sunday ONLY

### **Mini Pickup/SUV(only two-wheel drive) and Full-Size Truck/SUV Rules and Regulations**

1. A maximum of five gallons of gasoline will be allowed. Gas tanks behind the rear axle must be moved. No original tanks are allowed in the driver's compartment. If the replacement tank is in the driver's compartment the tank must be completely covered by a

metal firewall. If the tank is located in front of the rear axle and inside the frame rails they can be left in place but it is recommended that the tank is covered with a skid plate (between the tank and ground) to prevent them from being damaged from the ground side.. Tank material must be no less than 20 gauge and no heavier than 1/8<sup>th</sup> inch. If you have a car equipped with a fuel pump in the gas tank, it is recommended that you install an emergency cut off switch upon the dash with a red circle painted around it. No external fuel pumps are allowed in the driver's compartment. If you run gas lines in the driver's compartment they must be double lined and double clamped. (A fuel line within another line)\*\*\* Newer cars & minivans (that are fuel injected) can use the original tank.\*\*\* Mini Pickups GAS TANKS must be moved to truck bed just aft of the rear window, or in the case of an extended, four-door cab it can be located in the back seat area if properly covered by a metal firewall. Trucks with tanks located inside the frame mid vehicle can be left but should be covered with a skid plate to help protect from being punctured from trackside. ONLY ONE (1) STOCK BATTERY will be allowed. A maximum of 1200 cold-cranking amps for Trucks & S U V's will be permitted.

2. Trailer hitches or any type of stiffening device are considered reinforcements. Welding of bumper shocks are considered reinforcements. Maximum Mini-Truck bumper height of 22 inches from center of bumper for compact trucks. You must place some type of screen in two door pick-ups back glass opening to prevent arms or head from extending from the opening. It is suggested to pad drivers side doors & rig a head rest or padding behind all two door truck seats to protect the driver. Maximum bumper height of 26 inches height from center of bumper for Full Size Trucks and SUVs.
  
3. Factory Pick-up Beds only. No wooden, steel flat beds, or dump beds allowed. You are permitted to fasten the truck bed down with eight additional fasteners or four inch welds. You may weld the steering sectors. You must cover the back cab window with some type of screen and place at least two vertical hood bars within the windshield opening. ( To prevent hood from coming in on driver.) You should place a vertical bar/post running from the floor board to the top of the cab bolted from inside out near the center of the back window. The post should be strong enough to act as a brace if you should go inverted on your top. Bumpers must be stock only. No Commercial bumpers, car bumpers, wooden bumpers, or homemade fabricated bumpers. No tow hitches, brush guards, or running boards.

4. ALL FAN BLADES must be removed. Only exception will be if your vehicle is equipped with a slip clutch fan blade and fan shroud or came stock with an electric fan and shroud. You may add - on one (1) electrical fan or additional transmission cooler. Transmission coolers must stay under the hood. If your vehicle is missing a fan shroud you may create your own shroud with some type of thin metal. Do not alter slip clutch fans in any method to prevent them from slipping as designed.
5. Mini Pickup/SUV, Full Size Trucks and SUVs - 2 Wheel Drive Only - must remove a drive shaft
6. ANY FOREIGN OR DOMESTIC FULL SIZE STOCK PICK-UP TRUCK or VAN up to 3/4 tons. Trucks may be two or four door with extended cab. Vans may be up to 15 passengers, and cargo vans. You may use four wheeled drive models: if four wheeled drive one of the drive trains must be disconnected (Your Choice). No Jeep Wranglers, CJ 5, or CJ 7. No Super heavy Duty, Commercial, or Military duty Vehicles. No Soft tops or Fiberglass tops.
7. Sunroofs must be covered with a metal plate.
8. Remove all wheel weights.

## **9. NO BUMPER SWAPS ALLOWED**

10. The driver must wear long sleeve shirts, and pants. In addition, it is recommended that you consider wearing Fire Retardant coveralls or clothing. Safety belts, helmets and impact resistant eye protection are required.

See Page 61 for Additional Rules

## GARDEN TRACTOR PULL RULES

Superintendent – Dean Skellie - 518-944-0311

COMPETITORS, PLEASE USE WEST GATE (GATE E, RT. 29) TO ENTER THE PIT AREA

Entry Fee: \$10.00 per tractor / per class

Pull-on Wednesday, August 223th, 2023

Entries open at 8:00 am

### HARASSMENT

Persistent and unwelcome conduct or action will not be tolerated. Anyone who intimidates is hostile, abusive, or disruptive could be escorted off the grounds. Reports of such behavior are to be made in writing and submitted to the Fair Office. Such reports will be kept confidential. Information will be investigated and kept on file at the Fair Office. If further action is needed, it will be referred to the executive committee.

### Pull Times:

- 9:00 am: 14 HP & Under, 20 HP & Under, Stock Altered-SportStock (Lite & Heavy), SuperStock Lite, Pro Diesel Lite, Modified (Round 1)
- 6:00 pm: Super Stock (Heavy), Pro Diesel (Heavy), Modified (Round 2)(Runs with Diesel 4x4)

### Prizes: (per class)

1st: \$40.00; 2nd: \$30.00; 3rd: \$20.00; 4th: \$10.0

### Classes:

Stock Altered/Sport Stock Combined:

- Stock Altered-1050 lbs.& 1100 lbs. (12 1/2" Hitch) & VTPA Sport Stock 1100 lbs. & 1150 lbs. (13" Hitch)
- BGTP Sport Stock-1075 lbs. & 1125 lbs. (12 1/2" Hitch)

Super Stock:

- 50.5 Super Stock-1050 lbs. & 1100 lbs. (13" Hitch)
- Pro V-Twin-1000 lbs. & 1050 lbs. (12 1/2" Hitch) - Alcohol, 45 Cubic Inches MAX
- Pro V-Twin-1000 lbs. & 1050 lbs. (12 1/2: Hitch) - Gas, 48 Cubic Inches MAX

Diesel Pro Stock:

- Limited Pro Stock Diesel-1100 lbs. & 1200 lbs. (13” Hitch)
- Pro Stock Diesel-1075 lbs. & 1175 lbs. (12 1/2” Hitch)

Modified:

- 4 Cyl. Modified - 1600 lbs.
- 4 Cyl. Modified - 1600 lbs.

## **GENERAL RULES: FOR ALL CLASSES**

1. Judges/Flagman decisions will be final. Any disagreement on their decision on any point of controversy will result in disqualification for that class for that day.

Comment: Scale person also has final say at scales.

2. Each contestant must sign a Waiver releasing the association or any other sponsor of any liability in case of an accident.
3. Drivers under 18 years of age must have a signed Parental Consent on file, unless required otherwise by the sponsor’s insurance.
  - a. 8yrs. old for Stock 14 hp & 20 hp (all Stock Classes)
  - b. 13 yrs. old for Stock Altered & Sport Stock
  - c. 16 yrs. Old for 50 cu. Super Stock & Modified Classes.
4. Tractors will be operated in a safe and orderly manner at all times.
5. Track Official, Board Member, Sled Operator may disqualify any person under the influence of alcohol or drugs at any time.
6. Operators must be fully clothed, including shoes (no sandals or shorts).
7. Fire Suits & Fire Resistant (boots/leather shoes) required in Stock Altered, Super Stock, and Modified classes. Must be zipped & secured. Min. the requirement for fire suits is SFI 3.2A/1 rating.



8. Helmets, minimum  $\frac{3}{4}$  coverage, DOT approved; required in Stock Altered, Sport Stock, Super Stock, Pro V-Twin, Pro Diesel, and Modified Classes.
9. Persons under the age of 16 must wear helmets in all classes.
10. The operator must have the tractor out of gear and hands off the wheel in view of the person hooking the tractor to the sled.
11. Operators must remain in their seats. In addition, drivers must have at least one hand in contact with the steering wheel during the pull.
12. Stock Altered, Sport Stock, Super Stock, Pro V-Twin, Pro Diesel & Modified classes must be equipped with a kill switch (minimum 1" diameter ring) at the rear of the tractor to connect to the sled.
13. All tractors must be equipped with working brakes.
14. Each tractor must have a fire extinguisher securely fastened within easy reach of the driver on Stock Altered, Sport Stock, Super Stock, Pro V-Twin, Pro Diesel & Modified.
15. All tractors must be equipped with wheelie bars to prevent turnovers. Point of contact should be no more than 5" from the ground and no less than 5" behind the rear most part of the tractor tire. Skid plates are to be at least 3" x 3" at the ground contact point. Wheels shall be at least 1" wide and 4" in diameter. Must be strong enough to support the weight of the tractor.
16. L brackets (Anti-Climb bars) required in Stock Altered, Super Stock, Sport Stock, Pro Diesel and Modified on wheelie bars; must be 6" high attaching from rear most point of wheelie bars and be attached at two points.
17. The drawbar must be horizontal and stationary in all directions. With a hitching device not less than  $\frac{3}{8}$ " thickness and must have a  $1\frac{1}{2}$ " hole for the hook. Pulling point may not extend beyond the rear tires and not more than 13" above the ground. It shall not contact any part of the chain other than the hook. No clevis, except in Stock class (must be Okayed by an Official). Drawbar must be easily accessible.
18. Must have 6" "No Zone" around the hitch point (3" on each side of hook point).
19. All tractors must be equipped with peg, pad, running board, or floorboard and fenders. (Fenders may be fabricated).
20. Engine exhaust must discharge vertically above the hood or below the frame. Stock tractors with mufflers in place are not required to comply with this rule.

21. All safety equipment and weights must be secure. Wheel weight rods must be covered. Tractors will be disqualified if any weights or safety equipment falls off and touches the ground while hooked to sled. Unforeseen breakage does not disqualify the tractor/driver; i.e. engine failure, drive train failure, etc.
22. Any portion of the tractor crossing over or touching the boundary line during pull will result in disqualification. However, there is no “out of bounds” once the tractor passes the full pull mark.
23. Batteries must be covered on top and all sides, if not in stock location.
24. Tractor must be two-wheel drive, rubber tired tractor, no caterpillar type tractor, tire chains, steel wheels, or dual wheels.
25. All starts must be chain tight (no jerking starts).
26. Registration will be closed for each class at the start of that class.
27. All tractors must have their entry numbers visible on the left side.
28. Number 1 puller will be the test puller; he/she may take the pull, come back third or last place. Test puller must decide before the tractor is unhooked.
29. The tractor may enter once per class—two class maximum per tractor.
30. Each contestant will be given one pull on weighted sled or transfer machine, with all attempts in the same direction. Speed will be the decision of the driver.
31. Each contestant will be allowed two attempts or 50’ to start the sled. All classes may coast past the 50’ mark. Pull off contestants will be allowed only one attempt.
32. Contestants can drop to the end of class to make repairs but must be ready to pull when called at the end of class.
33. Pull-Off contestant’s will only be allowed to add fuel and change weights before the pull off. Repairs to broken equipment will also be allowed if time permits. Must reweigh.
34. Hitch height will be checked in the exact accordance when scaled; 13” height or less. The tractor will be disqualified for being overweight, over drawbar height. No tolerance.
35. Staging Area Procedures: All tractors in class will be staged according to class order. No weights or air tanks will be allowed in the staging area. Drivers must be with tractors at all times.

36. No one except the driver and track official will be allowed on the track during the pull. Any other person must be outside of the boundary line.
37. Working zone for the track will be 20 feet wide and 200 feet long for all tracks.
38. All tractors may be protested—\$ 200.00 Protest Fee. Protests may be made by another participant in that class. Must be known to an official before the completion of that class. If the tractor is found legal, that puller will keep the \$200.00. If the tractor is found illegal, the protester keeps the \$200.00. Tear down will be done at the end of the pull day. Tractors will be torn down by the owner or person specified by the owner.

## **STOCK CLASS RULES**

1. Tractors must be in stock appearance O.E.M, hood, grill and fenders. Fenders may be fabricated, and must be able to hold the weight of the driver.
2. All seats must have 3" back.
3. Tractor frame may be modified, but not lengthened.
4. Wheelbase may not be changed from original equipment.
5. Engine may not be part of the frame.
6. Engine need not be original equipment, but must be in stock form.
7. Maximum 3 cylinder, 20HP allowed.
8. Stock lift camshaft.
9. Stock bore with up to .030 clean up bore.
10. Stock stroke for engine.
11. Must use piston and rod design must be flush or below the deck of block.
12. Must use stock unaltered carburetor.
13. Must have an air cleaner.
14. Must use stock O.E.M. head and head gasket.

15. Stock type ignition system.
16. No electric fuel pumps unless factory equipped.
17. No pressurized fuel tanks.
18. No intake standoffs or velocity stacks.
19. RPM must be controlled by a governor.
  - a) Maximum limit 4000 RPM's for 14HP and under, limit no load.
  - b) Maximum limit 4500 RPM's for 16HP - 20HP, limit no load.
20. Must have working reverse.
21. Transmission or Transaxle must be original equipment for the tractor.
22. Modification to clutch, driveline, and transaxle assembly are allowed.
23. Factory stock flywheels on 14 hp and under. No weighted pulleys, or wheels on PTO end of crank. 16 hp and up Steel Flywheels allowed.
24. Tires need not be original equipment, maximum size 26 x 12 x 12, up to 8.50 x 16 or 9.50 x 15 tires and wheels will be allowed if originally equipped.
  - a) No Professional pulling tires or paddle type tires allowed. (Cepek, Big Bar, Pitbull, Nichol, Lawntec, VM 7, 8, 9, 10, 11, Riot & Rev)
  - b) Tread design may be Bar or Turf type (Firestone, Goodyear, Carlisle, Deestone, Duro, VMTT).
  - c) Any style tire cutting permitted.
25. Tractor front weights may not be extended further than 7' from the center of rear axle forward and weights are not to extend more than 6" beyond rear tires.
26. Gas or diesel only, no alcohol or nitrous.

## **STOCK ALTERED RULES**

1. Must run factory looking hood and grill. Must have a stock length frame.
2. Single-cylinder four-cycle Flathead engines only (16HP maximum).
- \* NQS Stock Altered and 30 Cubic Inch Super Stock allowed to run in this class per NQS Rules.
3. Engines must be Kohler, Wisconsin, Tecumseh, Briggs, Onan, Kawasaki, or Honda.
4. Engine blocks must be O.E.M. stock appearance.
5. Maximum Engine Bore 3.780" for Recast MWSC Block; Maximum Engine Bore 3.830" for Kohler Stock Block; Maximum Crankshaft Stroke 3.25"; 36.50 Cubic Inch limit.
6. Carburetor must be Kohler type. Chokes may be removed.
7. Carburetor must be mounted to the engine with no more than 1" spacer.
8. Carburetor may not exceed one inch venturi (must be in stock location).
9. Billet heads are permitted along with after market stock heads.
10. Porting and Polishing are permitted. Flat head only.
11. Blocks may be relieved.
12. Air cleaner and velocity stacks allowed.
13. Camshaft may be reground.
14. Maximum valve lift .330.
15. No welding allowed in engine blocks. No external modifications allowed on engine blocks.
16. Starter pulleys must be billet aluminum or steel. Factory starter pulleys & stamped steel are not allowed. Must have a retainer to keep from coming off the crank.
17. Steel flywheels mandatory, if running Unlimited RPM's
18. All other engines cannot exceed Kohler specifications.

19. All engines must have a scatter shield opposite the camshaft of the motor, must be made of 1/8" steel or 3/16" aluminum, must cover full height and width of block, be attached in a secure manner to frame and head or head plate. Must have head strap for Kohler and MWSC Blocks.
20. All threads through finned are acceptable.
21. No pressurized fuel tanks. No nitrous oxide.
22. Pumped Gas or Alcohol (alcohol must be clear).
23. Gas specific gravity. 750 maximum (tested with dielectric tester).
24. No oversized valves. Stock size only, 1.380".
25. Kill-switch required. Must kill ignition and fuel pump.
26. Wheelbase 52" maximum.
27. No portion of any tractor may exceed 7' from the center of the rear wheels, including weight.
28. Maximum tire size 26 x 12 x 12. Tire tread pattern be Bar or Turf Type (no paddle type). Professional pulling tires allowed.
29. Foot peg, platform and seat must be in stock location.
30. Tractors must have Garden Tractor Rear-Ends. Locked Rear-Ends permitted.

~~ Things we will tech ~~

Bore 3.830 max. - Kohler  
 Valve lift .330 max Carb size 1.0 venturi  
 max. Fuel .750 specific gravity max.

Bore 3.780 max. - MWSC  
 Stroke 3.250 max. Valve size 1.380

## **SPORT STOCK CLASS RULES**

1. 1 or 2 cyl flathead or overhead valve engines naturally aspirated, carbureted, cast block, 4 cycle gas engine. Overhead valve engines max 48 cu in., no aftermarket heads. Flathead engines max 45 cu in., billet heads are allowed
  - a. Overhead valve V-twin engines must maintain stock engine stroke.
  - b. Flathead engine may use stroked crank shafts.
2. Naturally aspirated diesel engines up to 42 cu in., 3 cyl max. Diesel engine blocks must be clearly marked with engine model and engine displacement tag. Stock intake and exhaust manifolds. No turbos.
3. Engine Blocks must be stock appearing, and stock size valves.
4. Maximum RPM's for gas engines 4500; diesel 4000.
5. Gas engines carbureted only; max of 1.2 (for single barrel) or .85 (for 2 barrel).
6. No electronic governors.
7. Gasoline only.
8. Diesel fuel only.
9. No ice boxes, intercoolers or injection allowed on diesel engines (water, propane, alcohol, etc.).
10. Tires – 26 x 12 x 12; Professional tires allowed.
11. Transmission and/or transaxle must be commercially produced for a Garden Tractor.
12. No aftermarket multi-range gear boxes.
13. Tractor must have stock appearing hood and grill, switching of sheet metal is permissible.
14. Max wheel base is 52".
15. Max distance from the center of the rear axle to the farthest point forward is 96".
16. All flywheels and clutches must be shielded by 1/8" steel or 3/16" aluminum 360 degrees.
17. Single cylinder engines must be shielded opposite the Cam side. The height and width of the block with 2 bolts to frame, 2 bolts to the head with 1/8" steel or 3/16" aluminum and head strap.

18. Must have a kill switch and/or air shutoff and will stop electric fuel pumps and ignition.

## **50.5 SUPER STOCK RULES**

1. Tractor must be in stock appearance and must have hood, grill, seat and fenders in place.
2. Tractor frame may be modified.
3. Transmission and rear axle housing need not be original equipment for the tractor, but must have been originally manufactured for garden tractor use. Interior parts may be modified.
4. Engine need not be original equipment, but must meet the following rules:
  - A) Flathead single 50.5 cu inch, open carburetion (alcohol)
  - B) No Reverse portengines
  - C) 4 cycle
  - D) Originally rated at 20HP or less.
5. 1/16" Metal Shield must be provided over all belts, chains, etc.
6. 1/8" Steel or 3/16" Aluminum Shields must be provided 360 degrees around the flywheel (Steel flywheel only) & clutch for unlimited RPM motors. No injection.
7. 4500 RPM maximum limit for cast flywheels.
8. Oxidizers (i.e. nitrous oxide), pressurized fuel tanks are not allowed.
9. Maximum tire size 26 x 12 x 12. Tire tread pattern may be Bar or Turf Type. (no paddle tires). Professional pulling tires allowed.
10. Maximum length of 8' feet, from center of rear axle forward, including weights. Maximum wheel base length 56".
11. NQS Pro-Stock & Super Stock 50.5 Cubic inch maximum are legal to run in this class. NQS Pro Altered also allowed running in this class.



12. Kill switch required; must kill ignition & fuel pump.
13. Super Stock 50.5 Single Cyl. 1050lbs. 13" Hitch Height 1100lbs. 13" Hitch Height

### **Pro V-Twin:**

1. Maximum engine size is 45.5 cu. In. on alcohol, 48 cu. In. on gas.
2. Engines with aftermarket and/or welded stock heads will run @ 1000 lbs. with a 12.5" hitch and 1050 lbs. with a 12.5" hitch. On stock head engines only minimal epoxy will be allowed, no excessive use on the external portion of the intake port. Maximum allowable amount would be an area of not more than 1 in<sup>2</sup> / head. Intake manifold must bolt directly to the stock intake flange on head with a maximum of .030" thick intake gasket. No adapters or flange extension will be allowed.
3. Engine shielding rules: 1/8" steel or 3/16 aluminum on the external side of the cylinder extending from head gasket to frame. Shield must be attached to the frame at the bottom and to the flywheel shield at the top to make it rigid.
4. Wheelbase 56 inches maximum.
5. Overall length 96 inches maximum from center of rear axle forward including weights.
6. Engines: Must be a commercially available lawn and/or garden tractor engine. Only configuration accepted is V-twin type.
7. Carburetor: Limited to one (1) carburetor with one (1) venture with one (1) throttle butterfly. Maximum venture size will be 1.200". No air entering after 1.200" restriction.
8. Steel flywheel mandatory, along with the general flywheel shielding rules of 1/8" steel or 3/16" aluminum 360 degrees.
9. Fuel: Methanol or gas.

## Pro Diesel:

1. 3 cylinder maximum, 75 cubic inches.
2. Drivers must be at least 16 years old and capable of operating the tractor.
3. Water injection will be allowed.
4. Engine modifications are permitted = Rods, Pistons, Cam, Fuel System.
5. Engine must have black casting model and serial numbers, not ground off.
6. Engines should have OEM intake manifolds and exhaust manifolds, polishing is permitted.
7. Head work is permitted on stock heads. No billet heads. No overhead cams.
8. Engine Shielding Rules: Minimum thickness of 16 gauge steel on external side of cylinders extending from head gasket to frame. Shield must be attached to the frame at the bottom and the block at both upper corners.
9. Must run 5/16" cable around oil pan over top of valve cover in a complete circle connected with cable clamps.
10. No Fin or Cast Flywheels, along with the general flywheel shielding rules of 1/8 inch steel or 3/16 inch aluminum 360 degrees.

NOTE: This rule can be substituted with the use of factory steel side shields.

11. Clutch assembly and flywheel must be surrounded 360 degrees with 1/8" metal or 3/8" aluminum.
12. Maximum wheelbase: 56 inches.
13. Max. distance from center of rear axle to farthest point forward: 96".
14. ALL TRACTORS MUST HAVE maximum hitch height of 13 inches. Flat plate with 2 inch hole. Hitches rigid in all directions with 3 inches on either side of the hitch as dead-man zone from hitch to top of seat. No weights in the dead-man zone, only the kill switch entered approximately 10 – 12 inches above the hitch in this area.
15. Maximum tire size: 26 x 12.00 x 12 alterations allowed.
16. Wheelie Bars must be rigid in all directions and able to support the tractor and driver in the heaviest class. Each skid shoe must be a minimum of 2 inch x 3 inch or use of 5 inch round wheels is allowed. Tractor must have 2 skid shoes or 2 wheels. The wheelie bars must be a minimum of 5 " from rear most part of tire and maximum of 10 inches. The wheelie bars must also be a maximum of 5 inches from ground to bottom of skid shoes or wheels. A bumper bar 6 inches in length vertically in the rear most position is required.

Refer to diagram to page 19. Weights on back of tractor must be contained up to 1 inch before the end of the wheelie bars

17. Helmet, fire suits and closed toe shoes REQUIRED for all drivers.
18. Must have a “dead man” throttle. Throttle shaft must have returned spring in case of a breakage in linkage.
19. Kill switch device mounted on the rear of the tractor must disconnect power to the electric fuel pump along with activating turbo air shut off.
20. All tractors must have fenders to protect the driver from the rear tires. Fenders should extend at a minimum of 4 inches out over the tires. All tractors must have at least a 3 inch seat back on all seats.
21. ALL TRACTORS MUST HAVE at least a fully charged 2 lbs. Fire extinguisher on board in reach of operator. A functional gauge on the fire extinguisher is REQUIRED.
22. Engine Shielding Rules: Minimum thickness of 16 gauge steel on external side of cylinders extending from head gasket to frame. Shield must be attached to the frame at the bottom and the block at both upper corners.
23. Must run 5/16” cable around oil pan over top of valve cover in a complete circle connected with cable clamps.
24. No Fin or Cast Flywheels, along with the general flywheel shielding rules of 1/8 inch steel or 3/16 inch aluminum 360 degrees.

NOTE: This rule can be substituted with the use of factory steel side shields.

25. Clutch assembly and flywheel must be surrounded 360 degrees with 1/8” metal or 3/8” aluminum.
26. Maximum wheelbase: 56 inches.
27. Max. distance from center of rear axle to farthest point forward: 96”.
28. ALL TRACTORS MUST HAVE maximum hitch height of 13 inches. Flat plate with 2 inch hole. Hitches rigid in all directions with 3 inches on either side of the hitch as dead-man zone from hitch to top of seat. No weights in the dead-man zone, only the kill switch entered approximately 10 – 12 inches above the hitch in this area.
29. Maximum tire size: 26 x 12.00 x 12 alterations allowed.

30. Wheelie Bars must be rigid in all directions and able to support the tractor and driver in the heaviest class. Each skid shoe must be a minimum of 2 inch x 3 inch or use of 5 inch round wheels is allowed. Tractor must have 2 skid shoes or 2 wheels. The wheelie bars must be a minimum of 5 “ from rear most part of tire and maximum of 10 inches. The wheelie bars must also be a maximum of 5 inches from ground to bottom of skid shoes or wheels. A bumper bar 6 inches in length vertically in the rear most position is required. Refer to diagram to page 19. Weights on back of tractor must be contained up to 1 inch before the end of the wheelie bars
31. Helmet, fire suits and closed toe shoes REQUIRED for all drivers.
32. Must have a “dead man” throttle. Throttle shaft must have returned spring in case of a breakage in linkage.
33. Kill switch device mounted on the rear of the tractor must disconnect power to the electric fuel pump along with activating turbo air shut off.
34. All tractors must have fenders to protect the driver from the rear tires. Fenders should extend at a minimum of 4 inches out over the tires. All tractors must have at least a 3 inch seat back on all seats.
35. ALL TRACTORS MUST HAVE at least a fully charged 2 lbs. Fire extinguisher on board in reach of operator. A functional gauge on the fire extinguisher is REQUIRED.

### **Limited Pro Stock Diesel:**

1. Engine must be commercially produced with at least 1000 units built. Engines may be no more than 3 cylinders. Maybe liquid or air cooled. Engine block must have a factory casting model and serial numbers visible and not ground off. Ag or industrial engines only; no automotive or motorcycle engines. No cut down 4 cylinder engines allowed.
2. Engine will be no more than 70 cubic inches. This is based on the factory casting numbers. No sleeving down or de-stroking larger engines.
3. Water injection will be allowed. Must be plain water only. Combustible agents (alcohol, oxygenators) are NOT allowed in water injection. Soluble oil Lube additives are permitted.
4. Engine modifications are permitted = Rods, Pistons, Cam, Fuel system.
5. Engine must have OEM intake manifolds and exhaust manifolds, polishing is permitted. No tube headers or intakes.

6. Head work is permitted on stock OEM heads. No Billet heads. No overhead cams. Must be indirect injection. No converting from indirect to direct. Injectors must remain in stock location.
7. Engine Shielding Rules: Minimum thickness of 16 gauge steel on external side of cylinders extending from head gasket to frame. Shield must be attached to frame at the bottom and the block at both upper corners.
8. Must run 5/16" cable around oil pan over top of valve cover in a complete circle connected with cable clamps.
9. No Fin or Cast Flywheels, along with the general flywheel shielding rules of 1/8 inch steel or 3/16 inch aluminum 360 degrees.

NOTE: This rule can be substituted with the use of factory steel side shields.

10. Clutch assembly and flywheel must be surrounded 360 degrees with 1/8" metal or 3/8" aluminum.
11. Maximum wheelbase: 56 inches.
12. Max. distance from center of rear axle to farthest point forward: 96".
13. ALL TRACTORS MUST HAVE maximum hitch height of 13 inches. Flat plate with 2 inch hole. Hitches rigid in all directions with 3 inches on either side of the hitch as dead-man zone from hitch to top of seat. No weights in the dead-man zone, only the kill switch entered approximately 10 – 12 inches above the hitch in this area.
14. Maximum tire size: 26 x 12.00 x 12 alterations allowed.
15. Wheelie Bars must be rigid in all directions and able to support the tractor and driver in the heaviest class. Each skid shoe must be a minimum of 2 inch x 3 inch or use of 5 inch round wheels is allowed. Tractor must have 2 skid shoes or 2 wheels. The wheelie bars must be a minimum of 5 " from rear most part of tire and maximum of 10 inches. The wheelie bars must also be a maximum of 5 inches from ground to bottom of skid shoes or wheels. A bumper bar 6 inches in length vertically in the rearmost position is required. Refer to diagram to page 19. Weights on back of tractor must be contained up to 1 inch before the end of the wheelie bars
16. Helmet, fire suits and closed toe shoes REQUIRED for all drivers.
17. Must have a "dead man" throttle. Throttle shaft must have returned spring in case of a breakage in linkage.

18. Kill switch device mounted on the rear of the tractor must disconnect power to the electric fuel pump along with activating turbo air shut off.
19. All tractors must have fenders to protect the driver from the rear tires. Fenders should extend at a minimum of 4 inches out over the tires. All tractors must have at least a 3 inch seat back on all seats.
20. ALL TRACTORS MUST HAVE at least a fully charged 2 lbs. Fire extinguisher on board in reach of operator. A functional gauge on the fire extinguisher is REQUIRED.
34. Injector and injector pump modifications allowed. No Billet injector pumps.
35. Must be a "Cam Box" or "PFR" injection pump. No electronic or common rail injection systems.
36. Turbo charging is permitted, but limited to a single turbo only. Turbo will be fitted with a shut down guillotine on the compressor inlet side of the turbo. Exhaust "L" of turbo must have a minimum of 5/16" cross in elbow with exhaust to discharge vertically.
37. Electric fuel supply pump is permitted with positive power wire to have shut off disconnect at rear of tractor,
38. No propane, nitrous injection or any type of secondary fuel system of any kind will be permitted.
39. All tractors must be compression ignition and use Diesel fuel only. No spark plugs or alcohol as a fuel. Diesel fuel must be NTPA or NQS legal.
40. Stock frames, stock appearing frame rails, and tube frames are permitted. Tube frames must be covered with sheet metal. 56" wheelbase maximum.
41. This class is for stock appearing tractors with full hood, grill and side shields. Must be recognizable as an actual modern production garden tractor or small farm tractor. Hood and grille can be from a different make than frame/rear end. Has to look like a tractor.
42. Must use garden tractor driveline components, modifications are allowed. Internal gears, front reduction housing and planetaries are allowed. No cut down automotive rear ends.
43. Full metal side shields to cover engine area minimum 16 gauge steel or 14 gauge aluminum.
44. Must run 5/16" cable around oil pan over top of valve cover in a complete circle connected with (2) cable clamps.

45. Must run billet steel flywheel.
46. Clutch assembly and flywheel must be surrounded 360 degrees with 1/8" steel or 3/16" aluminum. This is also to include cast iron front balancer pulleys. SFI approved front dampers need not be shielded.
47. 1100 lbs. & 1200 lbs. weight classes use 13" hitch.
48. Kill switch device mounted on the rear of the tractor must disconnect power to the electric fuel pump along with activating turbo guillotine.
49. Helmet face shield or goggles required. Gloves are recommended.
50. No belt driven cooling fans. Electric fans only.
51. Intercoolers and ice boxes are not permitted.
52. All NQS rules not in conflict with these apply.
53. Pro Stock Diesel 1075 lbs. 12½" Hitch Height 1175 lbs. 12½" Hitch Height
54. Limited Pro Diesel 1100 lbs. 13" Hitch Height 1200 lbs. 13" Hitch Height

## **MODIFIED CLASS RULES**

1. Tractor may be homemade, but they are limited to 8' in length from the center of the rear axle to the furthest point forward (including weights)
2. Engine will be limited as follows:
  - a. Internal combustion, piston or rotary (no turbines).
  - b. Any combination of single or multiple engines (total of 4 pistons or 2 rotors).
  - c. 2.5 L Piston type
  - d. Fuel System:
    - i. Carburetors or Fuel Injection allowed
    - ii. No Turbos or Superchargers
  - e. 1.5 L Rotary type - Maximum 2 Rotors
    - i. Fuel System: Carburetor Only
    - ii. No Fuel Injection, No Turbo's, No Superchargers
  - f. 2.55 L Diesel Engines
    - i. Fuel System: Fuel Injection
    - ii. Diesel Fuel only
    - iii. No Alcohol Injection
    - iv. One (1) Single Stage Turbo allowed:
      1. Must have two (2) 3/8" bolts crossed in the exhaust pipe with air shutoff.
  - g. Fuels allowed
    - i. Gasoline
    - ii. Diesel
    - iii. Alcohol



- iv. Octane Boosters
  - v. Lead Additives
  - vi. No Oxidizers (i.e. Nitrous Oxide)
  - vii. No Pressurized Tanks
3. Tire tread pattern may be Bar or Turf type (no paddle tires).
    - a. Maximum size is 31 x 15.50 x 15
  4. 1/16" Metal Shields must be provided over all belts, chains, and fans.
  5. 1/8" Steel Shields or an approved Safety Blanket, must be provided. 360 degrees around clutches (the shield must cover the area from the front of the bell housing a minimum of 4" to the rear) and around automatic transmission.
  6. 1/8" metal shield must be provided on both sides of the engine. Each shield must be as long as the block and must extend from the top of the oil pan to the underside of the cylinders. Shield bolts must be Grade 8 & 3/8" diameter.
  7. Tractor must have fenders to protect the driver from the rear tires.
  8. Tractors with automatic transmission shall be equipped with positive lockout to prevent accidental engagement of reverse gear.
  9. The hook hole in the drawbar must be a minimum of 1-1/4" diameter. The material around the rear of the hole in the drawbar must be equal to a 3/8" chain link. (Must be able to hook from behind the sled pan.)
  10. Kill switch required; must kill ignition, fuel pump and air shutoffs.

## **4 WD DIESEL TRUCK PULLING**

Superintendent:: Mike O’Konski (518-796-3523)

Wednesday, August 23th, 2023 @ 6:00

**Tech starts at 2:00 PM, Registration at 3:00 PM**

### **HARASSMENT**

Persistent and unwelcome conduct or action will not be tolerated. Anyone who intimidates is hostile, abusive, or disruptive could be escorted off the grounds. Reports of such behavior are to be made in writing and submitted to the Fair Office. Such reports will be kept confidential. Information will be investigated and kept on file at the Fair Office. If further action is needed, it will be referred to the executive committee.

COMPETITORS, PLEASE USE WEST GATE (GATE E, RT. 29) TO ENTER PIT AREA

Class 1: 8,500 lbs. Street Diesel Class - **Entry Fee \$20.00**

Class 2: 10,000 lbs. Work Stock Dual Wheel Diesel Trucks - **Entry Fee \$10.00**

Class 3: 8,500 lbs. 2.6 Diesel Class - **Entry Fee \$20.00**

Class 4: 8,500 lbs. Street Diesel Class - **Entry Fee \$20.00**

Class 5: 8,500 lbs. 3.0 Diesel Class - **Entry Fee \$20.00**

Class 1, 2 & 4 Prizes:

1st - \$100 2nd - \$80 3rd - \$60 4th - \$40 5th - \$30 6th - \$20 7th - \$10

Class 3 Prizes -

1st - \$200 2nd - \$160 3rd - \$120 4th - \$80 5th - \$60 6th - \$40 7th - \$20

Class 5 Prizes:

1st - \$210 2nd - \$180 3rd - \$140 4th - \$100 5th - \$75 6th - \$60 7th - 50

**\*ALL STREET & WORK STOCK TRUCKS MUST BE REGISTERED, INSURED AND INSPECTED (PAPERS WILL BE CHECKED) 2.6 & 3.0 DIESEL CLASS EXCLUDED**

**\*PIT PASSES WILL BE REQUIRED FOR ANYONE IN THE PIT AREA. THE FEE FOR A PIT PASS IS \$20.00.**

**\*TWO PIT PASSES ARE ALLOWED FOR EACH COMPETING TRUCK FOR DRIVER AND MECHANIC. NO EXCEPTIONS.**

**\*NO DEALER PLATES IN THE STREET AND WORKSTOCK CLASS ALLOWED ON COMPETING VEHICLES\***

**ANY CLASS NOT STARTED BY 11:00 P.M. WILL NOT COMPETE DUE TO SAFETY CONCERNS.**

**CONTEST RULES**

1. Pull position will be determined at time of registration by pulling #'s.
2. Number one puller in each class will be the test puller and may take the pull if transfer sled is O.K., or he may immediately take his second pull, or he may drop back to sixth pull position. If a contestant experiences mechanical problems during a test pull (before the first official pull), he will have the option of dropping to sixth or last position. If the transfer sled needs further adjustment, the first puller after each adjustment will be treated as number one puller. All decisions on re-pulls must be made before the vehicle in question is unhooked from the sled.
3. All pulls must start with a tight hitch; no jerking permitted. Contestants will be allowed 2 consecutive attempts and 75 feet to start the sled. Spinouts will not be eligible for a second attempt within the first 75 feet.
4. Excessive loss of liquid by a vehicle, while in motion during the contest, will be cause for disqualification, unless due to internal breakage.
5. All pulls made during a contest will be measured.
6. No portion of the vehicle may interfere with sled hitch or sled during the pull.
7. Vehicles must remain within the boundaries of the contest course during the pull or will be disqualified.
8. All vehicles pulling in a class must remain in the pit area.
9. Any ballast or external parts lost while the truck is hitched to sled will be cause for disqualification. All weights must be safely secured. No loose weights.
10. No one was allowed on the track except track officials and contestants. One assistant will be allowed at the starting line to assist the driver. Assistant must be over 18 years of age. Any violation of this rule will result in disqualification of contestants.
11. Each contestant may provide one hitch man to indicate position of sled before the start of the previous pull to track crew. The sled will not be moved after it has returned to the starting line.
12. If any rules are broken, the officials reserve the right to ban the puller for one (1) year and one (1) week from participation.

## **GENERAL RULES**

1. Operators must have a valid driver's license.
2. Contestants must be 16 years of age or older.
3. The possession or use of alcoholic beverages is prohibited at the Washington County Fair. Violators of this rule will forfeit all premiums and will be escorted off the fairgrounds. This rule will be enforced.
4. Contest will be open to 4 wheel drive vehicles with rubber tires; no tire chains or studs. Dual wheel pickups are allowed.
5. Each truck must be registered in either Street, Work Stock Dual Wheel 2.6, 3.0 and may jump to the next class with a maximum of two hooks, except dual wheel (IF TIME PERMITS).
6. Truck must hook within 3 minutes of when the sled is ready or it will be disqualified from the class.
7. Contest to be governed by judges with all decisions final. Judge has the right to stop and disqualify any vehicle if it is not being operated in such a manner as would be considered safe.
8. Operators must remain seated with at least one hand on the steering wheel at all times. All trucks must be equipped with an operable seat belt. Seat belt must be fastened during the pull.
9. Decisions of the Judges are final.
10. Pull Track to be 300 feet.
11. Truck that pulls the sled the greatest distance will be the winner. In the event of a tie, a pull-off will determine the winner.
12. All trucks must have safety glass or Plexiglas in the windshield and rear window.
13. All truck frames must be of the same manufacturer as the body being used.
14. All trucks must have working front brakes.
15. Driveline brakes will be allowed as a secondary braking system.

16. All trucks must have a reverse light on the back of the truck.
17. Vehicles are subject to inspection by fair technical inspectors at any time or multiple times during the event.

## **TRUCK SPECIFICATIONS**

1. Vehicles must be standard factory equipped 4 wheel drive vehicles.
2. Wheelbase cannot be altered in any class. Trucks may be standard cab, extended cab or crew cab.
3. Ballast must be solid type, securely attached, mounted no higher and no wider than the general profile of the vehicle.
4. Front End Weight may not extend further forward than 60 inches from the center of the front axle.
5. Point where the hook lies in clevis on the drawbar must be in a position no higher than 26 inches and no closer than **36 %** of truck wheelbase, to the center of the rear axle. Standard clevis must be bolted to a drawbar with no smaller than 3/4 inch bolt or pin. Four wheel drive must have a pintle or 3" hitch ring. No higher than 26" from ground.
6. Drawbars must be rigid in all directions and must be equipped with a bolted steel-hitching device not more than 1 inch thick and with a 3 1/2 inch diameter opening, cross-sectional thickness must be 3/4 inch minimum. Pulling point may not be more than 1 1/2 inches from back edge of hitching devices
7. All trucks must have closed doors.
8. Trucks must have hood and grille in place as intended by the manufacturer
9. Four wheel drive vehicles may run without a tailgate or rear door for safer hitch point visibility.
10. All drivers must wear a helmet.
11. All vehicles must have working backup lights.
12. Drive shaft loops are highly recommended for all trucks.
13. Fire extinguishers are required in all trucks within easy reach of the driver.

## CLASS RULES

### Work Stock Dual Wheel Trucks: 10,000lbs. Max:

1. Factory 4 wheel drive.
2. D.O.T. approved tires. No cutting or shaping of tires is allowed. Duals are NOT allowed.
3. Engine related equipment and drive train must be factory stock equipment for the vehicle in the year it was built. Trucks are limited to a 6 or 8 cylinder diesel engine with stock turbo or turbo's (Ford). No modifications or cheater turbo's.
4. Aftermarket enhancements such as programmers, downloaders, chips, or PDA's ARE allowed.
5. All trucks with a vertical exhaust must have 2 3/8" bolts installed crossed through the exhaust after the turbo charger.
6. Trucks must run on pump diesel or biodiesel. NO nitrous, alcohol, propane or water injection allowed
7. **Trac/traction bars ARE allowed. Front hanging weight is allowed. Not to exceed 60" forward of the centerline of the front axle.**
8. Must have stock manifolds, mufflers may be unhooked.
9. **No suspension stops or blocks are allowed.**
10. Must pull from a Reese type hitch, mounted solidly to the frame with no movement.
11. It is highly recommended that all drivers competing in the Work Stock Diesel class wear an SFI approved fire suit, leather work boots or SFI approved footwear and must wear a helmet.
12. Judges' decisions are final

### Street Diesel Trucks:

1. Daily-driven on the road full bodied diesel pick-up trucks.
2. Factory 4 wheel drive vehicle.

3. Engine and driveline must come factory in a one ton or less pick up.
4. Engine must be in the OEM location for the body used. The vehicle must retain the full OEM chassis. Wheel tubs, tube chassis etc are prohibited.
5. The body must be an OEM truck body, including a full bed floor. OEM floor pan and firewall is MANDATORY.
6. Factory wheel base must be maintained.
7. Trucks must have four wheel working brakes.
8. The engine is limited to a stock appearing, OEM compression engine, available from the factory in a one ton or smaller truck. Cubic inch limit 444ci. Blocks must circulate coolant freely. No hard filled blocks. Water pumps may be electric or factory. All factory belt driven accessories, excluding air conditioner compressor must be retained and powered via the crankshaft by a standard serpentine or v belt or belts. Electric cooling fans are permitted. NO SIDE DRAFT/RUNNER STYLE INTAKES PERMITTED.
9. Electronic enhancements such as modules, tuners and programmers are allowed. Aftermarket air induction systems are allowed. OEM intercoolers only. No water injection allowed.
10. All trucks with vertical exhaust must have 2 - 3/8" bolts installed criss crossed through the exhaust after the turbo charger.
11. Trucks must run on pump diesel or biodiesel. NO nitrous, alcohol or propane injection allowed. No other oxygen extenders are allowed.
13. Turbo charger can be OEM or aftermarket but must be a single turbo. Turbo must be in OEM location, no mounting plate adapters or plumbing changes. Inlet size 2.500 maximum. The bore to be checked with a 2.550 slug. Ford 6.4L engines may use factory compound turbo configuration in OEM stock form only with 2.59" atmosphere inducers.  
  
The driver is responsible for making the compressor bore accessible for Tech Officials to measure bore.
14. Must have OEM factory equipped transmission, transfer case, front and rear end differentials. Transmission brakes are prohibited.
15. It's recommended that all trucks have 360 degree, 6' long U-joint loops. Shield thickness must be 3/8" aluminum or 1/4" steel. Driveshaft loops are also recommended.

16. Trucks must pull off a Reese type hitch, mounted solidly to the frame with no movement.
17. No solid blocking for rear suspension allowed. **MUST** have workable suspension. **Air bags or timbrens allowed. Traction bars are allowed.**
18. D.O.T approved tires. No cutting or shaping of tires is allowed. **Duals are NOT allowed.**
- 19. Front hanging weight is allowed. Not to exceed 60” forward of the centerline of the front axle.**
20. It’s recommended that trucks with an automatic transmission have an SFI approved blanket. Manual transmission should have an SFI approved flywheel shield. Applications for which an SFI shield is not available, a properly attached blanket that completely covers the bell housing is recommended.
21. Air shut offs are recommended.
22. It is highly recommended that all drivers competing in the 2.5 stock dual wheeled diesel class wear SFI approved fire suit, leather work boots or SFI approved footwear. All drivers **MUST** wear a racing helmet.
23. Judges decisions are final.

## **2.6 Diesel Trucks**

1. Ballast is permitted. Front hanging weights are allowed, not to exceed 60 inches forward of the center of the front axle. This will be measured from the center of front wheels to the end of weight assembly. Ballast may be added in the bed of the truck.
2. The body must be the OEM truck body, including the full bed floor. The body must retain full sheet metal, aftermarket hoods are permitted. The hood must be closed and securely latched while the vehicle is hooked to the sled.
3. Front brakes only are required.
4. The OEM chassis is mandatory. The engine must be in the OEM location for the body used. The vehicle must retain the full OEM chassis. Wheel tubs, back-half conversions, tube chassis, etc., are prohibited.
5. All drivers must have a valid state driver’s license, full fire suit is recommended, and a racing helmet is mandatory. Seat Belt/restraint system must be worn.
6. An OEM transmission and transfer case are mandatory. They must have been an option on a one-ton or smaller pickup.



7. All trucks must have at least six inch wide u-joint shields around the rear u-joint constructed of at least 1/4 inch steel or 3/8 inch aluminum that will safely contain the u-joint and the end of the rear shaft. All shields must be securely mounted to the vehicle. Any front shaft u-joint that is visible from the side of the truck must be shielded to contain the u-joint and the end of the shaft.
8. The engine is limited to a stock-appearing, Engine and transmissions can be interchanged between Dodge, Ford and GM as long as they came in a 1 ton truck or less from the factory. Complete engines must have stock appearance except where otherwise noted in these rules. Aftermarket intake manifolds are allowed
9. All vehicles must be equipped to direct exhaust upward. Two 3/8 inch diameter bolts must be placed through the exhaust pipe in a cross pattern within one inch of each other, within 12" of the turbo.
10. . A fire extinguisher system is permitted. It must be securely mounted. A complete OEM firewall is mandatory.
11. The complete OEM floor pan is mandatory.
12. Hand throttles permitted. The fuel must be pump #1/#2 diesel, Soy/Biodiesel fuel. No propane or NO2 permitted or any other oxygen enhancers. Racing fuel cells are permitted.
13. A fuel injection pump is limited numbers specific (i.e. 6 cylinders pump on a 6 cylinder motor). Dual high pressure common rail fuel pumps or HPOPs are permitted. AG governors are permitted. No Sigma or 12 cylinder pumps allowed.
14. Hook point must be no closer than 44" of centerline of rear axle, hitch height maximum of 26", with a minimum of a 3.75" X 3.0" opening. Hitch point must be easily accessed. No "trick" type hitches permitted. Hitch must be stationary in all directions. Hitch must be frame mounted.
15. Hitch must be mounted in the centerline of the rear axle or behind. Hitch must not exceed a maximum of 25 degree angle from pivot point to hook point.
16. Non-OEM rear-end housings are prohibited. It must have been an option on a one-ton or smaller pick up. Rear bolts must be covered by a cap or shield.
17. All trucks are required to have a kill switch located on the back of the truck, located near the hooking point. They must have an air guillotine of the spring loaded type. If during competition the kill switch slides loose or falls out distance will be measured. Securing the kill switch is the driver's responsibility.

18. Hydraulic steering permitted.
19. Suspension, Front: The factory suspension configuration must be retained. Modifications to the front suspension that would alter the original location (i.e. moving it forward and backward) is not permitted. Strut tower braces, lower tie bars, sway bars, and limit straps are permitted. Traction bars and devices are permitted. Air shocks are prohibited.
  - a. Solid rear suspension permitted. Air bag spring assist permitted; Air bag compressors must be disconnected.
20. The tires must be DOT street tires. Cut or shaped tires are prohibited. 102” Max outside tire to outside tire.
21. Non-OEM transfer cases are prohibited. The transfer case must have been an option on a one-ton or smaller pickup truck.
22. Non-OEM transmissions are prohibited. Aftermarket torque converters, valve bodies and internal components are permitted. Transmission brakes are prohibited. Any non-OEM floor-mounted automatic transmission shifter must be equipped with a spring-loaded positive reverse lockout device to prevent the shifter from accidentally being put into reverse gear. A functional neutral safety switch is mandatory. All transmission lines must be metallic or high-pressure-type hose. All vehicles using an automatic transmission must be equipped with a transmission shield meeting SFI Spec 4.1 and must be labeled accordingly. A blanket-type shield is permitted; it must be appropriately labeled as meeting SFI Spec 4.1 and it must extend from the rear of the block to the front of the transmission main body; the bell housing area is to be completely covered by six inch overlap where it is fastened. All non-blanket-type shields must incorporate two (or one, per manufacturer’s instructions) 3/4 inch by 1/8 inch straps that bolt to the shield on each side and pass under the transmission pan unless the transmission pan is labeled as meeting SFI Spec 4.1. All vehicles using an automatic transmission must be equipped with a flex plate meeting SFI Spec 29.1 and be covered by a flex plate shield meeting SFI Spec 30.1.
23. Non-OEM transmissions are prohibited. Aftermarket internal components are permitted. A clutch meeting minimum SFI Spec 1.1 or 1.2 is mandatory on all vehicles. All manual transmissions must be clutch assisted. Sequential shifters are prohibited. All vehicles equipped with a manual transmission must have a flywheel shield labeled as meeting minimum SFI Spec 6.3 or greater. Applications for which an SFI Spec flywheel shield is not available may use a properly attached SFI z as 4.1 or 4.2 blanket that completely covers the bell housing; it must be attached to the block and extend rearward to the transmission with a minimum six inch overlap where it is fastened.

24. Turbocharger. Turbo is limited to a 2.6" inducer bore. Bore must be smooth. No MAP Width Enhancement groove (MWE) allowed. Compressor wheel must protrude into 2.6" bore for 1/8". Bore will be checked with a 2.605" turbo plug. Plug must not be able to enter inducer bore and contact wheel. The vehicles driver will be responsible for making the compressor wheel accessible for tech personnel to measure bore and able to inspect the compressor wheel.
25. Water injection is prohibited. All system components must be removed from the truck.
26. Intercoolers are allowed. Ice and water must be weighed at the time of crossing the scales. Dumping/draining of an intercooler within 100 feet of track is prohibited.
27. The vehicle must retain the original factory wheelbase and track width. Maximum of 1 ton truck chassis only allowed. Dual front wheels are prohibited.

**The judges decision is final.**

### **3.0 Diesel Class**

1. Maximum weight 8000 lbs. (Dry weight 7900# for ice allowance at scales.)
2. The OEM chassis is mandatory. The vehicle must retain a full ¾ or 1-ton size chassis. Wheel tubs, back-half conversions, tube chassis prohibited. Maximum wheelbase 158" and 102" maximum width. (outside tire to outside tire). Rigid suspension allowed. Hydraulic steering permitted. (Intent= no Isuzu or compact diesel chassis)
3. The body must be OEM truck body, including full metallic floor pan and must retain complete OEM firewall. Beds must be covered. No flatbeds permitted. The body must retain full metal, aftermarket steel hoods are permitted. The must be closed and securely latched while hooked to the sled.
4. Maximum engine size will be 460 cubic inch. Engines must come from factory in one ton or smaller diesel pickup truck. Engine must remain in stock location as intended by manufacturer. Engines may be interchanged between manufacturers. a. No aftermarket blocks permitted b. Head must be OEM or OEM one piece cast replica for that brand engine. No billet heads of any material. Outside dimensions of cylinder head must measure factory width and length. Head must retain OEM valve angle.
5. Front of engine block can be no farther forward than 17" of center line of front axle.
6. Engine must have cable surrounding block and head. Cable must be minimum 3/8" diameter located between cylinders #1 and #2. Cable must pass thru manifolds. Cable will have 4-6" of slack with a minimum of 4 cable clamps at splice.
7. All engines will have a deflection shield, running the complete length of the block casting. Shield must be securely fastened and must be .060" thick. (This equates to a steel inner fender)

8. Hook point must be no closer than 44" of center line of rear axle, hitch height maximum of 26", with a minimum of a 3.75" X 3.0" opening. 1/4" wall thick tubing material minimum thickness required for hitch assembly. Minimum of 1" material around pivot pin location of drawbar (circumference). Pivot pin at intersection of connection to hitch assembly requires 1/2" total thickness minimum (width). Hitch point must be easily accessed. No "trick" type hitches permitted. Hitch must be stationary in all directions. Hitch must be frame mounted. Hitch must be mounted center line of rear axle or behind. Hitch must not exceed a maximum of 25° angle from pivot point to hook point. Drawbar height adjustment link if attached to rear differential housing the attaching point must be at axle centerline or below. The drawbar adjusters cannot attach to anything above centerline of the rear axle. The adjusters must go down from drawbar. The adjusters can only go straight downward vertically or towards rear differential housing. No slotting of holes for adjuster attachment. No hitch supports or adjusters fastened to the rear axle housing shall be above the centerline of the rear axle. Pivot pin of drawbar can be no farther forward than center line of the rear axle.

9. Secondary hitch required. Minimum of 3/8" steel, located 12" below primary hitch on the same vertical plane. (You should be able to look directly through both at the same time – they need to be lined up.)

10. The turbocharger is smooth faced intake housing, limited to a maximum of 3.0" inlet, (no map ring) with all air entering through the 3.0" opening. Intake wheel must protrude 1/8th inch inside of opening.

11. Exhaust must exit straight up, with (2) 3/8" bolts mounted in a cross pattern no more than 1" apart as close to the turbine wheel as possible, no more than 6" away from turbine wheel.

12. Intercoolers allowed. Dumping or draining intercoolers without a catch pan within 100 feet of competition track is prohibited.

13. Water injection is prohibited. All components must be removed from the truck.

14. Air shut off must have a cable that goes to the rear of truck operated by the sled operator and also one to the cab of the truck. Kill switch will be securely mounted to the back of the vehicle and have a two (2) inch diameter metallic ring to attach the sled.

15. Fuel Systems: Maximum of one P7100 pump (2 5/8"W x 9 9/16"L x 8 3/16"H main pump body), limited to one plunger per cylinder. The use of multiple high pressure common rail fuel pumps is allowed. Ford Powerstroke engine may utilize a second HPOP. Electronic fuel injection is permitted. A 3-way dump valve mounted before the injection pump is mandatory which can be operated by the driver while strapped in the seat.

16. No fuel lines or tanks permitted inside of truck cab unless securely mounted in marine box.

17. Fuel limited to diesel fuel. No alcohol, nitrous, propane or any oxygen enhancing agents allowed.

18. Must run DOT approved tire. Maximum tire height 35", no studded tires or chains. No alteration to DOT tires allowed. Dual rear wheels are permitted on rear axle only. Maximum of 6 tires.

19. Front weights must be no more than 60" from the center line of the front axle to forward most point and be securely fastened. No weights are allowed in cab of the truck. If weights are located in the bed of truck they are to be securely fastened to the bed of the truck.
20. Drive train will consist of the following: Any front axle, any transfer case and any rear axle. No planetaries permitted.
21. Axle shields are required. Shield to be .060" thickness steel or aluminum. Shield not to be mounted to axle ends or hub bolts. A hole may be cut in one to allow locking in of hubs.
22. No cast iron clutches or flywheels permitted, must be SFI approved. Trucks with automatic transmissions, refer to General rules.
23. SFI bell housing blankets and/or SFI blow proof bell housing required.
24. All U-joints must be shielded 360 degrees with 3/8" thick aluminum w/1/8" steel liner or 5/16" thick steel. Shield will be 6 inches long minimum and centered on u-joint. Inside diameter of shield will be no more than 2 inches larger than u-joint.
25. All intermediate shafts between the transmission and transfer case will be totally enclosed in 3/8" aluminum or 5/16" steel, 1/4" of shaft may be visible.
26. Fire extinguisher (2.5#) or fire suppression system, Helmets-Snell 90 or better, SFI fire suits, head sock, gloves, shoes, and seat belts required.
27. No traction control permitted.

# **Tri-state Antique Tractor Club Inc.**

**Classes pull on Thursday, August 24, 2023 @ 8:00am**

## **Stone Boat Pulling**

Superintendent - Jared Thomas - 518-695-4325

COMPETITORS, please use West gate (Gate E, Rt. 29) to enter the pit area.

\$10.00 entry fee for Tri-State Antique Tractor Club - per tractor/per class

Registration will start at 7:00 am

(Pulls must be finished by 4:00 pm)

ALL TRACTORS MUST BE MANUFACTURED PRIOR TO 1987 AND UNDER 100HP

Pay Out: 1<sup>st</sup> - \$50, 2<sup>nd</sup> - \$40, 3<sup>rd</sup> - \$30, 4<sup>th</sup> - \$20, 5<sup>th</sup> - \$10

### Classes 1 - 7

Class 1 - 3,100 lbs & Under

Class 2- 3,600 lbs & Under

Class 3 - 4,500 lbs & Under

Class 4 - 5,500 lbs & Under

Class 5 - 6,500 lbs & Under

Class 6 - 7,500 lbs & Under

Class 7 - 8,500 lbs & Under

### Classes 8 - 11

Class 8 - 9,500 lbs & Under

Class 9 - 11,000 lbs & Under

Class 10 - 12,500 lbs & Under

## Class 11 - 14,000 lbs & Under

### **HARASSMENT**

Persistent and unwelcome conduct or action will not be tolerated. Anyone who intimidates is hostile, abusive, or disruptive could be escorted off the grounds. Reports of such behavior are to be made in writing and submitted to the Fair Office. Such reports will be kept confidential. Information will be investigated and kept on file at the Fair Office. If further action is needed, it will be referred to the executive committee.

### **Regulations**

1. Pit Pass is required. You must be a current member of the Tri-State Antique Tractor Club, and able to produce a current membership card. If you are not a member of the club you must pay \$20.00 to become a member of the club for the day to be covered by the insurance.
2. Only two(2) people were allowed in pit area with the tractor (driver & mechanic)
3. Any Junior Member of the Tri-State Antique Tractor Club ages 13-16 may participate in the pull event. Youth must have completed the Youth Operator Training Course from and have a certificate of completion. All 16 years & older must have state issued credentials, or proof of age.
4. A \$10.00 per class hook fee will be paid by the Tri-State Antique Tractor Club member at the time he/she enters each class.
5. Before the beginning of the pull, participants will meet to appoint a "Track Boss", an assistant and 4 helpers. Helpers will unhook and hook the chain. 6. No personal electronic devices used on tractors during the operation of a tractor. Automatic disqualification will occur.

### **Rules**

1. Track Officials will be on hand from 7:00am to start weighing Class 1 tractors & heavier classes after that. ALL TRACTORS MUST weigh in before and after pull.
2. Number one (1) puller will be the test puller for each class. At that time the judges will make the decision on the #1 pullers full pull whether to leave the stone boat "as is" or to

subtract weight on the stone boat. At no time will weight be added to the stone boat prior to the beginning of the weight class. The track width will be maintained at 40 feet.

3. Any disqualifications on the first attempt bars a second attempt.
4. Contestants will be allowed two(2) attempts. (If not in the right gear or he/she stops before the 5' mark)
5. No pulling from 3 point hitch arms allowed. Any tractor having a quick hitch draw bar must have it in a fixed position. Exception: Early FORD and FERGUSON's Example: 2N,8N,9N,TO20,TO30.
6. No portion of the tractor may interfere with the boat or the boat's hitch during a pull.
7. Minimum draw bar length is 18" from the center of the rear wheels & must be stationary in all directions. Maximum height of 20" from top of hitching device parallel to ground. A draw bar height gauge/stand will be used to standardize draw bar height at 20". Height will be referred to the center of the draw bar or clevis.
8. Draw bar must be equipped with a 3 ½ "diameter opening with no less than 7/8" thickness and no more than 1 ½ " from the back of the opening of the hitch device.
9. All tractors must have wheelie bars made of at least 3/8" material(metal). Bottom of pad to track must not be more than 10" maximum. Rear of wheelie bar to be even with the back of rear tires. Tractors without wheelie bars or bars suited for that tractor will not be able to pull. (Judges will be checking)

### Operator/Safety

1. Tractors should be entered 30 minutes before the start of each class & be weighted and ready to pull and pass safety inspection. Including working rear brakes, fan shroud.
2. NO ALCOHOL BEVERAGES ALLOWED or consumption of alcohol or use of non-prescription drugs of any type will be allowed. You will be disqualified
3. \*\*No Riders on tractors in the pit area or the track. Operators only!\*\*
4. All Tractors must be operated in a safe manner at all times. Any members exhibiting unsportsman conduct will be disqualified.
5. Participants are encouraged to equip their tractors with a fire extinguisher. Two 20lb. Fire Extinguishers owned by the club will be onsite during pulls.



6. No adding of fluids such as coolant, hydraulic fluid or fuels while on the track this will mean disqualification.
7. If pulling more than one tractor per class, the tractor that has finished pulling must be removed from the track.
8. Each tractor may be entered in more than one class but only once in each class. Classes that a tractor can enter will be determined by the time and by officials on track.
9. Tractors that do not meet original manufacturers specs will be allowed to pull exhibition and not as participants. No cut tires allowed classes 1-6 or more than 18.4 wide
10. Tractors must be commercially manufactured and 2 wheel drive. **NO** 4 wheel drive tractors are allowed to pull, unless the front drive shaft is removed.
11. Weights to be positioned as close to the rear of the tractor as possible. Weights must not interfere with the person hooking the chain. Weight brackets must be constructed strong enough and securely attached. Inspections will be made to see if weight brackets are constructed strong enough for weight carried.
12. The operator must remain seated during the pull & must have complete control of the tractor at all times. All tractors must be in neutral or park while being hitched & unhitched. (Transmission selector) No personal electronic devices are used on tractors during the operation of a tractor. Automatic disqualification will occur.
13. A signal from the track official indicating a disqualification must be immediately obeyed. If not obeyed the contestant will not be allowed to pull for the rest of the day.
14. Track Officials will determine a “full pull” as mandated by the track & track conditions.
15. The sled MUST be started parallel with track boundaries but the tractor can hook up to 30 degrees from sled. The pullback tractor operator can be asked to position the stone boat to the right or left of the track, but the stone boat will be parallel to the track. All pulls must start with a tight chain. NO Jerking Permitted.
16. During the pull, tractors will remain in the same gear they started to pull with. The shifting of torque amplifiers and/or power shifts will not be allowed.
17. Tractors must remain in the boundaries of the contest course, or the puller will be disqualified. “Out of Bounds” line should continue for 20ft past the finish line for a “full pull”. Tractors must stay within the line even if the tractor has completed a “full pull”. If the track conditions do not allow the out of bounds line to be installed past the “full pull”

line or if the cut off bounds line were not installed then rule #17 does not exist past the “full pull” line.

18. Parents/Guardians take FULL RESPONSIBILITY of ALL MINORS they bring with them to events.

Classes 1-7 Tractors owned by parents of a 16 yr old that is used in everyday farming operation & is driven by the 16 yr old that has completed a tractor safety course, will be able to compete in Classes 1-7.

Classes 8-11 Tractors owned by parents of a 16 yr old that used in everyday farming operation & is driven every day by the 16 yr old, that has completed a tractor safety course & has a learner’s permit or drivers license, will be able to compete in classes 8-11

The rules have been revised by the pulling committee in 2021. They were revised to comply with our Insurance Company and with the EDGE & TA Stone Boat Safety Rules.

“ANY TRACTOR MANUFACTURED PRIOR TO (BEFORE) 1987

HAS THE OPTION TO PULL THURSDAY OR FRIDAY,

BUT NOT BOTH DAYS....EXCEPT CLASSES 8 - 11”

# **4WD GAS TRUCK PULLING CONTEST**

## **STOCK & SUPER STOCK**

Superintendent - Mike O'Konski (518-796-3523)

Classes 1-5—Thursday, August 24th, 2023 at 6:00 p.m.

Tech starts at 2:00 PM, Registration starts at 3:00 PM

COMPETITORS, PLEASE USE WEST GATE (GATE E, RT. 29)

TO ENTER PIT A

### **CLASSES:**

Class 1: 6,200 lb. Street Legal

Class 2: 6,000 lb. SuperStock

Class 3: 6,000 lb. Super Stock Conventional Aluminum Head

Class 4: 7,000 lb. Street Legal

Class 5: 6,800 lb. Enhanced

Class 6: 6,200 lb. Super Stock

Class 7: 6,200 lb. Super Stock Conventional Aluminum Head

#### **Prizes for Street Legal & Enhanced classes (1, 4 & 5)**

1st \$100 2nd \$80 3rd \$60 4th \$40 5th \$30 6th \$20 7th \$10  
Entry fee \$20.00 Street Legal & Enhanced classes.

#### **Prizes for super stock classes (2, 3, 6 & 7)**

1st \$230 2nd \$190 3rd \$150 4th \$110 5th \$90 6th \$70 7th \$50  
Entry fee \$20.00 per class

ANY CLASS NOT STARTED BY 11:00 P.M. WILL NOT COMPETE DUE TO SAFETY CONCERNS.

\*PIT PASSES WILL BE REQUIRED FOR ANYONE IN THE PIT AREA. THE FEE FOR A PIT PASS IS \$20.00.

\*TWO PIT PASSES ARE ALLOWED FOR EACH COMPETING TRUCK. NO EXCEPTIONS.

\*ALL STOCK & ENHANCED TRUCKS MUST BE REGISTERED, INSURED & INSPECTED. (Papers will be checked.)

\*NO DEALER PLATES ALLOWED ON COMPETING VEHICLES\*

\*STOCK TRUCKS ALLOWED TO JUMP TO ENHANCED CLASS. (One jump, two hooks max) IF TIME ALLOWS!

### **HARASSMENT**

Persistent and unwelcome conduct or action will not be tolerated. Anyone who intimidates is hostile, abusive, or disruptive could be escorted off the grounds. Reports of such behavior are to be made in writing and submitted to the Fair Office. Such reports will be kept confidential. Information will be investigated and kept on file at the Fair Office. If further action is needed, it will be referred to the executive committee.

### **GENERAL RULES**

1. Operators must have a valid driver's license for any, and all, classes entered.
2. Contestants must be 16 years of age or older.
3. The possession or use of alcoholic beverages is prohibited at the Washington County Fair. Violators of this rule will forfeit all premiums and will be escorted off the fairgrounds. This rule will be enforced.
4. Contest will be open to 4 wheel drive vehicles with rubber tires; no tire chains or studs. Dual wheel pickups are allowed.
5. Each vehicle may be entered in no more than two classes; but only once in each class.
6. Truck must hook within 3 minutes of when the sled is ready or it will be disqualified from the class.
7. Contest to be governed by judges with all decisions final. Judge has the right to stop and disqualify any vehicle if it is not being operated in such a manner as would be considered safe.

8. Operator must remain seated with at least one hand on the steering wheel at all times. All trucks must be equipped with an operable seat belt. Seat belt must be fastened during the pull.
9. Decisions of the Judges are final.
10. Pull Track to be 300 feet.
11. Truck that pulls the sled the greatest distance will be the winner. In the event of a tie, a pull-off will determine the winner.
12. All trucks must have safety glass or plexiglass in the windshield and rear window.
13. All truck frames must be of the same manufacturer as the body being used.
14. All trucks must have working front brakes.
15. Driveline brakes will be allowed as a secondary braking system.
16. All trucks must have a reverse light on the back of the truck.

## **CONTEST RULES**

1. Pull position will be determined at the time of registration by pulling #'s.
2. Number one puller in each class will be the test puller and may take the pull if transfer sled is O.K., or he may immediately take his second pull, or he may drop back to sixth pull position. If a contestant experiences mechanical problems during a test pull (before the first official pull), he will have the option of dropping to sixth or last position. If the transfer sled needs further adjustment, the first puller after each adjustment will be treated as number one puller. All decisions on re-pulls must be made before the vehicle in question is unhooked from sled.
3. All pulls must start with a tight hitch; no jerking permitted. Contestants will be allowed 2 consecutive attempts and 75 feet to start the sled. Spinouts will not be eligible for a second attempt within the first 75 feet.
4. Excessive loss of liquid by a vehicle, while in motion during the contest, will be cause for disqualification, unless due to internal breakage.
5. All pulls made during a contest will be measured.

6. No portion of vehicle may interfere with sled hitch or sled during the pull.
7. Vehicles must remain within the boundaries of the contest course during the pull or will be disqualified.
8. All vehicles pulling in a class must remain in the pit area.
9. Any ballast or external parts lost while the truck is hitched to the sled will be cause for disqualification. All weights must be safely secured. No loose weights.
10. No one was allowed on the track except track officials and contestants. One assistant will be allowed at the starting line to assist the driver. Assistant must be 18 years of age or older. Any violation of this rule will result in the disqualification of contestants.
11. Each contestant may provide one hitch man to indicate the position of the sled before the start of the previous pull to track crew. The sled will not be moved after it has returned to the starting line.
12. If any rules are broken, the officials reserve the right to ban the puller for one (1) year and one (1) week from participation

## **TRUCK SPECIFICATIONS**

1. Vehicles must be standard factory equipped 4 wheel drive vehicles. Exception: super stock classes.
2. Wheelbase cannot be altered in any class. Trucks may be a standard cab, extended cab, or crew cab.
3. Ballast must be solid type, securely attached, mounted no higher, and no wider than the general profile of the vehicle.
4. Front End Weight may not extend further forward than 60" from the center of the front axle.
5. Point where hook lies in clevis on drawbar must be in a position no higher than 26" and no closer than **36 %** of truck wheelbase, to the center of the rear axle. Standard clevis must be bolted to a drawbar with no smaller than 3/4" bolt or pin.
6. Drawbars must be rigid in all directions and must be equipped with a bolted steel-hitching device not more than 1 inch thick and with a 3 1/2" diameter opening, the

cross-sectional thickness must be 3/4" minimum. The pulling point may not be more than 1 1/2" from the back edge of the hitching device.

7. All trucks must have closed doors.
8. Trucks must have hood and grille in place as intended by the manufacturer.
9. Four wheel drive vehicles may run without a tailgate or rear door for safer hitch point visibility.
10. The use of torque converters, automatic shifts, etc., will be permitted.
11. Wheel/rims — Standard rim diameters; Width of the rim, unlimited. No dual wheels allowed. No full offset tires, 1/2 offset allowed. (Super Stock Only)
12. All drivers must wear a helmet.
13. All vehicles must have working backup lights.
14. Drive shaft loops are highly recommended for all trucks but are required for super stock trucks.
15. Fire extinguishers are required in all classes, within easy reach of the driver.
16. A ring style breakaway switch capable of killing ignition is required on all super stock trucks. Switch should be located within six inches of center at the rear of the truck, 24" above hook point.
17. S.E.M.A. approved safety equipment, i.e. flywheels, bell housings, and scatter blankets, are highly recommended. Mandatory for all super stock classes.
18. 360 degree, 1/8" steel shields are required for all drive shaft universal joints on all super stock trucks. Shields should be 8" long on constant velocity joints and 6 inches on all other drive shaft universal joints.

## **CLASS RULES**

### **Street Legal Trucks:**

1. Factory 4 wheel drive vehicle

2. D.O.T. approved tires.
3. Engine, related equipment and drive train must be factory stock equipment for the vehicle in the year it was built.
4. Must have stock manifolds. OEM Headers with a maximum tube size of 1.750" are approved, but all exhaust must run through a muffler system. No open headers will be allowed . No aftermarket headers. Swaps between manufacturers are not permitted.
5. Trucks will not be allowed to have any carburetor or intake modifications.
6. Trucks must run on stock fuel
7. **Front hanging weight is allowed, not to exceed 60" forward of the centerline of the front axle.**
8. **Trac Bars are allowed**, No rear spring blocks.

### **Enhanced:**

1. OEM seat belts or better must be worn.
2. DOT approved helmets must be worn.
3. Vehicle must have working brakes and reverse lights.
4. It recommended that trucks have 6" long U-joint shields covering rear end yoke and front end yoke if seen from the side of the vehicle. Drive shaft loops are also recommended and should be made from steel flat stock and securely mounted to frame
5. Engine, transmissions, transfer cases, frame, front and rear differentials must be OEM for trucks being pulled.
6. Headers or open exhaust allowed.
7. Factory wheelbase must be maintained.
8. OEM floor pan and firewall must be used.
9. Batteries must be securely mounted in the engine compartment. Radiators must be in stock location and be at least stock size.



10. Gasoline, or race fuel is allowed. No alcohol or nitrous oxide or other oxygen extenders.
11. OEM aluminum components allowed. Single piece 4 barrel carburetor limited to a 4150 style base. No dominators or split carburetors allowed . OEM fuel injection allowed.
12. Naturally aspirated or OEM brand specific manufactured forced induction allowed.
13. Must pull off a Reese-type hitch, mounted solidly to the frame with no movement—maximum of 26” height hitch with a 3 ½” hole.
14. No solid blocking; must have moveable suspension. Airbags or timbrens allowed. Traction bars are allowed.
15. DOT-approved tires. No cutting or shaping is allowed. OEM duals are permitted.
16. **Front hanging weight is allowed not to exceed 60” forward of the centerline of the front axle.**
17. It is recommended that a SFI approved fire suit, leather work boots, or SFI approved footwear be worn.
18. The judges decision is final.
19. A ring-style breakaway switch capable of killing ignition is recommended.

### **Super Stock:**

1. Superstock pullers must wear a SFI approved fireproof suit.
2. It must be 4-wheel drive.
3. D.O.T. approved tires. No modifications are allowed.
4. Truck Specifications
  - a. b All transmission to transfer case drive shafts must have solid shielding.
  - b. Trucks with tilt bodies must have an external switch to activate the lift mechanism on the left-hand rear quarter panel of the truck.
  - c. All trucks must have a front tow hook with a 3” hole minimum.
  - d. All clutches and flywheels must have an SFI approval stamp on them.

- e. All automatic transmissions must have SFI approved 6 strap transmission blankets on them or AFI/TPI approved shielding.
  - f. All harmonic balancers must be SFI approved.
  - g. All trucks must have at least 3 loops on each drive shaft plus 6" U-joint loops.
  - h. Maximum wheel base 135 inches.
5. Modifications allowed:
- a. Manifold
  - b. Carburetor
  - c. Camshaft
  - d. ignition system
  - e. compression ratio may be altered
  - f. engine and truck need not be of same manufacturer
  - g. engine can be of any automotive production up to 500 cid. ( 500 cid + or -2% allowed for wear)
  - h. **Conventional Aluminum Heads. (Aluminum Head classes only)**
6. Modifications **NOT** allowed:
- a. multiple carburetors
  - b. nitrous oxide systems
  - c. Turbochargers or superchargers
  - d. Blowers
  - e. fuel injection in gas engines unless factory equipped
  - f. alcohol fuel
  - g. Electronic Traction Control
7. **Judges' decisions are final.**

## **OUT of FIELD TRACTOR PULLS**

Superintendents - Rich Horton (518-321-4303) & Mike O’Konski

COMPETITORS, PLEASE USE WEST GATE (GATE E - Rte. 29)

TO ENTER PIT AREA

\$10.00 Entry Fee -- per tractor in stock classes

\$20.00 Entry Fee for Enhanced classes

Classes 1– 8 will run on Friday, August 25, 2023 (begins 10:00 am.)

Classes 9 - 12 will run on Friday, August 25, 2023 (begins 7:00 pm.)

Prizes for Stock Classes:

1st) \$100 2nd) \$80 3rd) \$60 4th) \$40 5th) \$30 6th) \$20 7th) \$10

Prizes for Enhanced Classes:

1st) \$300 2nd) \$220 3rd) 160 4th) \$80 5th) \$60 6th) \$40 7th) \$20

Class 1 - Stock - Under 4,500 lbs. & under 49 PTO hp. 3000 RPM

Class 2 - Stock - Under 5,500 lbs. & under 49 PTO hp. 3000 RPM

Class 3 - Enhanced - Under 6,700 lbs.

Class 4 - Stock - Under 6,500 lbs. & under 80 PTO hp. 3000 RPM

Class 5 - Stock - Under 8,000 lbs. & under 102 PTO hp. 3000 RPM

Class 6 - Enhanced - Under 8,200 lbs.

Class 7 - Stock - Under 9,500 lbs.. & under 102 PTO hp. 3000 RPM

Class 8 - Stock - Under 12,00 lbs.3000 RPM

Class 9 - Enhanced - Under 9,700 lbs. 3000 RPM

Class 10 - Stock - Under 14,000 lbs.3000 RPM

Class 11 - Enhanced - Under 11,200lbs

Class 12 - Enhanced - Under 13,700 lbs.

ANY CLASSES NOT STARTED BY 11:00 P.M. WILL NOT  
COMPETE DUE TO SAFETY CONCERNS.

**\*\*ENTER YOUR TRACTOR IN THE CLASS IT BELONGS\*\***

\*Tractors must be entered at the Entry Booth (at the west gate) on the day of the pull.

\*Officials will be on hand from 8:30 a.m. to weigh-in and secure pertinent data.

\*No Exhibitor passes will be given.

NOTE: Classes 1 & 2 will be run on a 200' track with a floating finish line.

**\*NO WATER INJECTION IN STOCK TRACTORS**

\*Tractor original horsepower ratings for each class will be as rated in NAEDA official trade-in guide. If not listed, Nebraska Tractor Test results will be used.

\*A tractor will be allowed to enter two (2) classes.

**\*NO RIDERS ON ANY TRACTORS IN THE PIT AREA OR ON THE TRACK —  
OPERATORS ONLY! VIOLATION WILL MEAN DISQUALIFICATION FOR THE DAY.**

**\*PIT PASSES WILL BE REQUIRED FOR ANYONE IN THE PIT AREA. TWO PIT PASSES  
ARE ALLOWED FOR EACH TRACTOR. NO EXCEPTIONS.**

**\*THERE WILL BE A \$20 FEE FOR EACH PIT PASS.**

\*Parents/Guardians will take full responsibility for all minors they bring with them to events.

\*Tractors competing in Stock classes will be tachometer tested and allowed the maximum RPM for class entered.

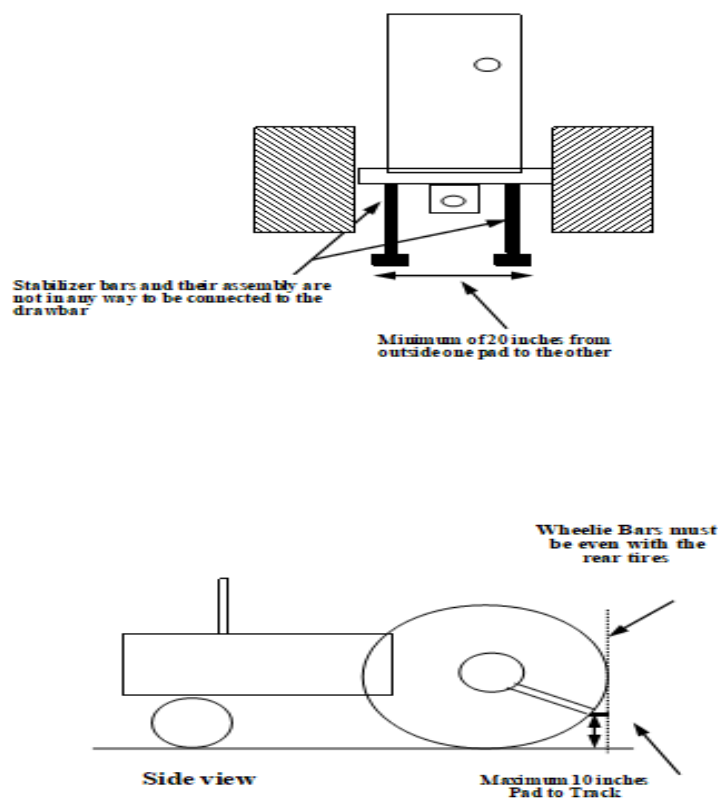
\* All Stock\_tractors will be tachometer tested at the start line. Tractors may also be subject to tachometer tests during competition and also at the end of the track. Fair tech officials will have the option to operate the throttle. Refusal by tractor operator will result in disqualification.

## **RULES AND REGULATIONS**

1. Pull will be open to anyone 16 years of age with parent consent. Must have a state issued credential (I.D., learner's permit, driver's license, or raised seal birth certificate)
2. Tractors must be commercially manufactured rubber-tired 2-wheel drive type; no tire chains or dual rear wheels. Overall length of tractor shall not be altered from manufacturer's standard specifications and no visual engine modifications on stock tractors.
3. Minimum drawbar length 18 inches from center of rear wheels to point of hook. Drawbar to be stationary in all directions. Maximum height of 20 inches from top of hitching device parallel to ground.
4. Drawbar must be equipped with a steel-hitching device not more than 1½-inch thickness, and with a 3 1/2 inch diameter opening. Cross-sectional thickness must be 7/8-inch minimum. Pulling point may not be more than 1½-inch from the back edge of the hitching device. Clevis will be allowed.
5. No pulling from 3-point hitch arms allowed. Quick hitch drawbar must be operated from a fixed position.
6. No pressurized fuels allowed except in UL (Underwriters Laboratories) approved pressure tanks. No oxygen allowed.
7. Judges have the final decision to disqualify
8. Once a class starts, no more entries are allowed for that class.
9. If any rules are broken, the officials reserve the right to ban the puller for one (1) year and one (1) week from participation.
10. No cut tires allowed in stock classes.

## **SAFETY AND TRACTOR OPERATION**

1. All tractors must be operated in a safe manner at all times.
2. Operator must remain seated during the pull, and must have complete control of the tractor at all times.
3. All tractor seats must pass a safety inspection.
4. The possession or use of alcoholic beverages is prohibited at the Washington County Fair. Violators of this rule will forfeit all premiums and will be escorted off the fairgrounds. This rule will be enforced.
5. Tractors must be stopped immediately upon signal from the judge. The pull shall be considered over when forward motion of the load stops.
6. All tractors must be in neutral or park (transmission selector) while being hitched or unhitched.
7. No portion of tractor may interfere with sled or sled hitch during a pull
8. All weights must be safely secured to the tractor. Any ballast or external parts lost while hooked to the sled will be cause for disqualification including drawbar and hitches. (Internal parts excepted.) Weights must not extend beyond the back of rear tires. Weight brackets must be sturdy and capable of safely holding the weight attached to them. Weights may not hang directly over the drawbar so they will not interfere with hitching.
9. All tractors must be equipped with workable rear wheel brakes.
10. All tractors must have stock or sufficient add on fan shroud or electric operated cooling fan.
11. Any tractor discharging fluid on the track may be disqualified.
12. All tractors **MUST BE EQUIPPED** with wheelie bars. Must be made of min. 3/8" material, bottom of pad to track must be 10" max, rear of wheelie bars to be even with back of rear tires. **NO JUNK.** Tractors with inadequate wheelie bars will not be allowed to pull. Wheelie bars will not be attached to moveable hitch arms. Officials will check all wheelie bars!
13. No weights over top of hitch area.



## OPERATION OF CONTEST

1. Each tractor may be entered in more than one class, but only once in each class.
2. Class winner may enter the next class in the same division (Stock & Enhanced) by paying an entry fee.
3. No mixing of classes.
4. Number one puller will be the test puller and may take pull if the weight machine is O.K., or he may pull in 3rd position. If the weight machine needs further adjustment, the first puller after each adjustment will be treated as number one puller. All decisions on re-pulls must be made before the tractor in question is unhooked from sled. On any re-pull caused by a contest malfunction, puller at his discretion may drop back 3 positions. Any disqualification on first attempt bars a second attempt.
5. Contestants must pull at a position drawn within 3 minutes of time sled is in readiness; any delay will mean disqualification. If the presiding judge is notified before the

preceding contestant makes his pull, he may drop a contestant having mechanical problems 3 positions. This may be done only once per contestant per class.

6. All pulls must start with a tight hitch, no jerking permitted. Contestants will be allowed two attempts and 75 feet to start the sled.
7. Tractors must remain within the boundaries of the contest course during the pull or will be disqualified.
8. All stock tractors will be tachometer tested at the start line. Tractors may also be subject to tachometer tests during competition and also at the end of the track. Fair tech officials will have the option to operate the throttle. Refusal by tractor operator will result in disqualification.
9. The sled operator will apply the sled brakes upon black flag signal from the flagman. Any tractor disqualified will not compete for the remainder of the day.
10. A signal from a sled or track official indicating disqualification must be immediately obeyed.
11. Tractors may be required to weigh out immediately after pulling at Judges discretion.

### **Stock 3000 RPM Rules ONLY**

(Must follow all other rules plus these additional rules)

1. This class is for stock tractors with a 3000 RPM maximum limit.
2. No water injection allowed..
3. Must have O.E.M. front end.
4. No dry block motors.
5. Tractors not originally equipped with a turbo will not be allowed to compete in stock classes with a turbo installed.
6. Inline injection pumps ARE allowed.
7. Intercoolers ARE NOT allowed, unless O.E.M. for make & model.
8. Judges decision is final.



9. All Tractors must be equipped with working dead man throttle.
10. Front axle safety skis are recommended.
11. The following is recommended: Side shields, clutch blankets, helmets, R.O.P.S., fire extinguisher, and Air shut off.

## **LET'S ENCOURAGE SAFETY!**

### **Enhanced Tractor Rules**

(Must follow all other rules plus these additional rules.)

1. Enhanced Farm Tractors are stock appearing tractors with enhancements to create more horsepower and pulling ability than similar stock models.
2. A tractor must pull in either stock or enhanced, no mixing of classes.
3. Maximum tire width of 20.8 inches or 520 mm metric equivalent. Cut tires will be allowed in enhanced classes only.
4. Any tractors competing in Enhanced Farm classes with larger than 3" inlet turbochargers must have a wide front end.
5. All non-stock tractors must have adequate clutch blankets and removable engine side shields. Blankets must be secured in front with 2 straps on each side. Blankets must be as specified in the latest NTPA OR PPL rulebook for super stock tractors. NO JUNK.
6. All non-stock tractors must have air shutoff (diesel) or ignition shutoff (gasoline) that has a hookup ring at the rear of the tractor to be connected to transfer sled. Kill switch must be within 6" of center and not more than 48" above hitch.
7. All turbocharged tractors must have 2 - 3/8" bolts installed criss-cross through the exhaust after the turbocharger.
8. Decision of the judge (s) will be final.
9. All tractors are recommended be equipped with a working deadman throttle
10. Any tractor operated in a reckless manner or having an unsafe appearance will be disqualified. Any disqualification eliminates a second attempt in the class.

11. It is MANDATORY that all operators wear an approved racing helmet, SFI approved fire suit, SFI approved shoes, or leather work boots, and must wear a lap belt.
12. All non-stock tractors must have a 2½ lb. dry chemical fire extinguisher mounted within easy reach of the driver.
13. Enhanced Farm tractors may have a non-stock intake and exhaust manifold.
14. It is highly recommended that all Enhanced Farm tractors have an SFI approved clutch & flywheel.
15. It is MANDATORY that all tractors competing in Enhanced Farm classes have a competition quality roll cage meeting the specifications set forth by the NTPA or PPL in their most current rule book.
16. All tractors in Enhanced Farm classes must have rear wheel fenders.
17. All tractors must be equipped with working dead man throttle.
18. Front axle safety skis are recommended.
- 19. The superintendent has the right to move tractors out of 3000 RPM classes into the Enhanced classes at the superintendent's discretion.**

ALL TRACTORS & TRAILERS MUST BE REMOVED FROM BOTH THE INNER, AND OUTER, PIT AREAS AT THE END OF EVENT!

# **NYTPA SANCTIONED TRACTOR PULLS**

COMPETITORS PLEASE USE WEST GATE (GATE E, RT. 29)

TO ENTER PIT AREA

Class AAA — Entry fee \$30.00

Saturday, August 26, 2023 at 12:00 & 7:00 p.m.

THIS PULL WILL COMPLY WITH ALL PPL RULES

ANY CLASSES NOT STARTED BY 11:00 P.M. WILL NOT COMPETE DUE TO SAFETY CONCERNS.

NO TRACTORS WILL BE ALLOWED TO PARK BETWEEN STAGE AND

EMERGENCY EQUIPMENT, ALONG THE TRACK.

Inner Gates will open at 8 am.

## **DEMOLITION DERBY**

Superintendent - Mike O’Konski (796-3523)

Sunday, August 27, 2023, at 5:00 p.m.

Entry Fee: **\$25.00 per vehicle**

**PRIZE MONEY: 1st) \$500.00 per heat & TROPHY 2nd) \$200.00**

COMPETITORS, PLEASE USE WEST GATE (GATE E, RT. 29)

TO ENTER PIT AREA

Tech starts at 12:00 pm, Registration starts at 1:00 pm. 4:00 pm cutoff unless you contact the Superintendent prior to the event. **BE THERE EARLY!**

For entry form contact:

The Fair Office at 518-692-2464 or **[www.washingtoncountyfair.com](http://www.washingtoncountyfair.com)**

5 heats of cars (16 car limit per heat)

1 heat of minivans (front-wheel drive, No 4x4/AWD) (16 minivan limit)

### **HARASSMENT**

Persistent and unwelcome conduct or action will not be tolerated. Anyone who intimidates is hostile, abusive, or disruptive could be escorted off the grounds. Reports of such behavior are to be made in writing and submitted to the Fair Office. Such reports will be kept confidential. Information will be investigated and kept on file at the Fair Office. If further action is needed, it will be referred to the executive committee.

## **RULES AND REGULATIONS**

1. All Derbies are STOCK.
2. Judges decision is final.
3. All drivers and mechanics must read over the rules and regulations. In the interest of safety, the drivers, owners and mechanics must obey the following set of rules and regulations set up by the promoter and track officials where the event is being held.
4. Drivers must be **18** years of age or older, and operators must have a valid driver's license.
5. Only drivers, and one other person who sign the release sheet will be permitted in the pit area and allowed to compete in the event. A maximum of two people including the driver with each car. (Must be **18** or older).
6. Officials reserve the right to accept or reject any and/or all applications.
7. Contestants of the demolition derby are not employees of The Washington County Fair where the event is being held, but are independent contractors.
8. The promoters, track owners, or the fair association will not be held responsible for any cars, parts or personal property before, during or after the event. All cars must be off the grounds the same day of the event, unless told differently. A local dismantler will remove demo cars left on the grounds.
9. The conduct of the driver or crew can disqualify the driver from the event. No alcoholic beverages allowed on The Washington County Fairgrounds. A breathalyzer test may be used at the discretion of the fair management to prevent participation by persons who may be intoxicated.
10. No more than one (1) car may be entered by one person per heat.
11. Any hot-rodding of vehicles – other than during competition will disqualify the car and the driver from the competition.

## CAR PREPARATION

1.
  - a. Any hardtop automobile or station wagon is allowed. This excludes trucks, convertibles, jeeps or limousines. No Chrysler Imperials are allowed in competition.
  - b. There will be (1) one heat of minivans. (Sunday night) Please indicate on application if you are entering a minivan. A 4x4/AWD minivan can compete if one of the drive shafts is removed (front or rear). This will be checked and enforced, 4WD cannot be just disabled, a shaft **MUST** be removed!
2. Only (1) battery will be allowed (Car or Minivan). It must be encased in some way to catch leaking acid if it should become ruptured. It may be moved into the passenger floorboard area. Must be mounted and covered for drivers protection (RV Battery box).
3. All dirt and loose pieces must be swept out of the car. No tires, wheels or metal parts etc. are allowed in the car. Do not clean cars out at the fairgrounds!
4. A maximum of five gallons of gasoline will be allowed. Gas tanks behind the rear axle must be moved. No original tanks are allowed in the driver's compartment. If the replacement tank is in the driver's compartment the tank must be completely covered by a metal firewall. If the tank is located in front of the rear axle they can be left in place. Tank material must be no less than 20 gauge and no heavier than 1/8<sup>th</sup> inch. If you have a car equipped with a fuel pump in the gas tank, it is recommended that you install an emergency cut off switch upon the dash with a red circle painted around it. No external fuel pumps are allowed in the driver's compartment. If you run gas lines in the driver's compartment they must be double lined and double clamped. (A fuel line within another line)\*\*\* Newer cars & minivans (that are fuel injected) can use the original tank.\*\*
5. No special bumpers or any reinforcements or receiver hitches will be allowed. No commercial bumpers, wooden bumpers, or homemade bumpers. **Bumper swaps are NOT permitted.** .
6. Welding bumper shocks is considered a reinforcement.
7. No solid shocks or adding extra clamps or springs to suspension (suspension must work).
8. Roll over bars are allowed but not required, they can not strengthen the vehicle.

9. All glass will be removed from windshields, side windows, side markers, head & tail lights.
10. All moldings must be removed; any sharp fins protruding must be cut off or mashed down. In addition, all air bag safety systems (including activation charges) must be removed.
11. **DOT tires only.** No more than six ply. Mud and Snow tires are allowed. Light truck tires are allowed in large classes only. No tire in a tire. No sidewall or valve stem protection. Tires must be filled with air, no fluids or solids. Wheel weights must be removed.
12. The rear seat lower cushion can be removed; the rear seatback cushion must remain.
13. Radiators must be in their original position, or they can be removed. The fan may also be removed. No water tanks allowed. **Before arriving at fairgrounds, radiators should be drained and flushed of all antifreeze coolants. Then, they can be refilled with water or the new biodegradable animal-friendly coolant.**
14. All hoods must have an 18" diameter hole cut above the carburetor to see and put out the fire. In addition, locks, catches, and springs must be removed. A chain (not cable) be installed so that the hood can be lifted to 6" in case of a fire ( in addition to the hole over the carburetor).
15. Because of inspection, hoods, trunk lids, and tailgates cannot be welded. Therefore, trunk lids and tailgates may be chained down after inspection.
16. A windshield bar may be installed from the bottom of the windshield area to the roof in the car's center to prevent the hood from going into the drivers 'compartment. It should be made from steel or a heavy-duty chain but cannot obstruct the driver's view.
17. **All doors must be fastened shut with chains for the driver's safety. Drivers door must not be welded shut .**
18. Engines may be chained down; fenders may be cut off for wheel clearance only, and bumper ends.
19. No obscene language written on cars is allowed.
20. Do not write on the left and right front doors and trunk lid. All cars will be numbered in these locations at the fairgrounds before entering the track area.

21. No tag-teaming or playing possum. A time limit will be set by judges (2 minutes). No two-way radios. Keep arms and hands in the vehicle at all times. Stay in the car until the heat ends.
22. **The driver must wear long-sleeve shirts and pants. In addition, it is recommended that you consider wearing Fire retardant coveralls or clothing. Safety belts, helmets, and impact-resistant eye protection are required.**

## **Additional Safety regulations may be imposed.**

ALL RULES AND REGULATIONS PERTAINING TO CAR PREPARATION AND PERSONAL CONDUCT MUST BE ADHERED TO OR PARTICIPANTS WILL BE DISQUALIFIED AND POSSIBLY REMOVED FROM THE FAIRGROUNDS.

IF ANY RULES ARE BROKEN, THE OFFICIALS RESERVE THE RIGHT TO BAN THE ENTRANT FOR ONE (1) YEAR AND ONE (1) WEEK FROM PARTICIPATION IN THE EVENT.

Assistance in loading of demo cars will be available for one hour after the event only. No cars will be double stacked on trailers by track officials.

CASH, MONEY ORDERS & CREDIT/DEBIT CARDS ARE ACCEPTED FOR PAYMENT

NO CHECKS



