

**WARREN COUNTY FARMERS' FAIR
DIESEL TRUCK PULL
July 30, 2019 - 7:00 p.m.**

CLASSES:

Under 8500 lbs. Diesel Work Stock

(must provide proof of a valid-current registration and insurance card)

Under 8500 lbs. Diesel Modified

AWARDS

1st place, trophy, \$400
2nd place, trophy, \$200
3rd place, trophy, \$100

RULES AND REGULATIONS

Subject to change

- Registration fee of \$20.00/hook is required.
- Registration on the day of the pull will be up until 5:00 p.m. sharp!
- Weigh-ins & Inspections will start at 3:00 p.m. through 5:30 p.m. in the fenced in area next to the roadway on Stryker Road.
- Mandatory Drivers Meeting at 6:00 p.m.!
- All vehicles will enter arena from Strykers Road entrance near scale. NO "HOT DOGGING"!
- A FULL PULL LINE WILL BE ESTABLISHED. THERE WILL NOT BE ANY "FLOATING" FINISHES.

GENERAL RULES

1. All participants at every event must sign a waiver understanding that they are entering a pulling contest at their own risk and that they will not bring suit against the Warren County Farmers' Fair Association, Inc. , its directors and sponsors from any and all responsibility or liability for injury or damages, and also, release and agree to indemnify the Warren County Farmers' Fair Association, Inc. against any damage claim, legal proceeding or judgment arising out of the transportation, or exhibition of the listed participant at the said Fair, and further agree to hold the said Warren County Farmers' Fair Association harmless from any claim or suit for injury, damage or blame resulting from the participation in this event.
2. Each driver and truck may register only once in each class.
3. Driver must have a valid driver's license and must be at least 18 years of age.
4. Vehicle must have a current state inspection sticker and license for Classes.
5. All drivers must wear a D.O.T. helmet. Helmet must be **fastened**. It is mandatory that open body vehicles have a 4 point roll bar securely fastened to frame.
6. All vehicles be equipped with a minimum of one (1) lb. Halon type fire extinguisher, fully charged, in working condition and convenient to operator.
7. Seat belts are required to be worn.
8. All vehicles must have a 4-Wheel hydraulic brake system in good working condition.

9. Vehicles must have a solid fire wall and floor. Only holes allowed are that for brakes, clutch, transmission controls and wiring. No gas tanks or batteries allowed in cab of vehicle unless factory installed.
10. All vehicles must be in a safe working condition and be operated in a safe manner at all times.
11. All vehicles must pass tech inspection before hooking to sled. If presiding Head Official(s) thinks a vehicle is unsafe, official(s) have the right not to allow vehicle to pull. The tech inspection area closes 6:00 p.m. sharp!!
12. All engine fans must be shrouded.
13. NO smoking while on track.
14. All participants must drive vehicle onto track and into position for hook up under its own power and must leave track under its own power unless for breakage.
15. Track officials will have the option to check pullers for weight and rule violations at any time during the event.
16. Only the DRIVER will be allowed in a vehicle when it is being towed or driven while in the pit area or track. No rider(s) in or on any vehicle while in the pit area or track, to include tow vehicles, competing vehicles, tow back and maintenance equipment of any kind. When the pulling vehicle's motor is running, the driver must be in the driver's seat. NO EXCEPTIONS.
17. All vehicles must be in neutral or park while being hooked or unhooked from the sled. Driver must raise both hands while hooking and unhooking from sled.
18. No one is allowed on the track except for track officials and participant when vehicle is under the green flag. Track is defined as the area within 35 feet in any direction of the contest boundaries,

including the run off area at the finish end of the track.

19. Vehicles will not start pulling until both flagmen have green flags showing. Vehicles must stop immediately upon signal of red flag from flagmen.
20. All pulls must start with a tight chain, no jerking of any kind is permitted and vehicle must remain within boundaries of the track or the puller will be disqualified.
21. Puller will be allowed a total of two (2) attempts within the 75 feet mark to start the sled. Test puller may drop six (6) positions.
22. Mandatory drivers' meeting will be held before starting of event at 6:00 p.m. SHARP!
23. A participant will be disqualified for either emotional or physical reasons by Head Officials, or track official(s). Example: Recklessness, drugs, or drinking alcoholic beverages. Any driver or any of his/her crew incapacitated to an intoxicating agent, and/or drugs, will be barred from the event.
24. If a vehicle and/or driver is disqualified for any reason, no refund of entry fee will be given.
25. All participants will, at the time of tech inspection, pick pulling positions through a drawing.
26. Trophies and monetary awards will be presented to the first, second and third class winners.
27. Dual wheels only acceptable.
28. Please read disclaimer on registration form before signing.

ALL VEHICLES SUBJECT TO TECH COMMITTEE APPROVAL.

Each truck is required to have a minimum 2-1/2 lbs. ABC fire extinguisher securely mounted in the cab and within reach of the driver.

Under 8500 lbs Diesel Work Stock Rules

WORK STOCK

The Work Stock (WS) Class is designed for daily-driven, on the road pickup trucks (full-bodied diesel pickup truck). **Valid DOT registration, insurance and license plates are mandatory.** The vehicle may be two or four-wheel drive.

Regulations:

1. **Ballast:** Ballast is permitted. Hanging front weights are prohibited. Ballast may be added in the bed of the truck. If used, ballast must be securely fastened to the bed of the truck. Final decisions rest with the tech official.
2. **Batteries:** The batteries must be securely mounted. **They may not be located in the driver compartment or forward of the radiator core support.**
3. **Body:** The Body must be an OEM truck body, including the full bed floor. The body must retain all original sheet metal. Metal After-market hoods are permitted, Fiberglass is prohibited. The hood must be closed and securely latched while the vehicle is hooked to the sled. The complete OEM firewall and OEM floor pan is mandatory.
4. **Brakes:** Four-wheel hydraulic brakes are mandatory and must be functional.
5. **Chassis:** The OEM chassis is mandatory. The engine must be in the OEM location for the body being used. The vehicle must retain the full OEM chassis. Wheel tubs, back-half conversions, tube chassis, etc., are prohibited.
6. **Cooling System:** Radiators must be in the stock location and must be of at least stock size.

7. **Credentials:** All drivers must have a valid state driver's license, inspection, registration, & current insurance in hand at time of event sign up.
8. **Driveline:** An OEM transmission and transfer case are mandatory. They must have been an option on a one-ton or smaller pickup.
9. **Driver Restraint System:** The OEM restrain system is mandatory and must be worn.
10. **Engine:** The engine is limited to a stock-appearing, OEM make-specific compression ignition engine. Nitrous Oxide is prohibited along with other oxygen extenders as well as the use of propane is also prohibited. All system components MUST be removed from the truck.
11. **Exhaust:** The exhaust must exit rearward of the driver's compartment. Stacks exiting through the hood or fender well are prohibited.
12. **Fire Extinguisher** - Is required.
13. **Fuel:** The fuel must be pump #1 or #2 diesel only. Soy/Bio-diesel fuel is permitted. Off-road diesel fuel is prohibited.
14. **Fuel Injection Pump:** The fuel injection pump is limited to a stock appearing, OEM engine model-specific pump only. The use of multiple high-pressure common-rail fuel pumps is prohibited. Power Stroke engines with a single factory turbo may utilize a second HPOP. Pumps from different years in the same engine model may be interchanged.
15. **Fuel System:** The OEM fuel tank is mandatory and must be used. Racing fuel cells are prohibited and must be removed from the vehicle.
16. **Harmonic Balancer:** All engines turning 4500 RPM and higher must be equipped with a harmonic balancer or damper meeting SFI Spec 18.1.
17. **Hitch:** The hitch must be a receiver-style hitch; reinforcements are permitted. Reinforcements must not extend forward of the centerline of the rear axle. Trick hitches are prohibited. The hooking point must be in the rear most point on the vehicle and must be rearward of the stock location of the tailgate. The hitch must be horizontal to the ground and stationary in all directions. Bumpers

may be notched or removed. The hitch's height from the ground may not exceed 26 inches. The hooking point must have a minimum 4 inch inside diameter opening for the sled hook. No clevis or vertical hitches allowed.

18. **Interior:** A complete interior, including dashboard, door panels, headliners, etc., is mandatory. Two matching front seats are mandatory. Aftermarket seats are permitted; they must be fully upholstered. All factory controls (lights, signals, horn, windows, wipers, etc.) must be retained and be operative. The use of hand throttle controls is prohibited.
19. **Rear End:** Non-OEM rear end housings are prohibited. It must have been an option on a one-ton or smaller pick up. Rear axle bolts must be covered by a cap or shield.
20. **Steering:** The vehicle must retain the full, original OEM steering gear. The vehicle must retain the original OEM power steering assistance, if it was so equipped. Additional stabilizers are permitted. Non-OEM power assist methods are prohibited.
21. **Street Equipment:** Complete headlight and taillight assemblies (all) are mandatory and must be operative. Complete OEM windshield and windows are mandatory. Windows must be operative per factory specifications; that is, they must open and close via OEM electrical or mechanical means.
22. **Suspension, Front:** The upper mounting point for strut assemblies must be in the factory location. Adjustable caster/camber pillow ball mounts are permitted. The lower control arm may be strengthened provided factory-mounts are permitted. The lower control arm may be strengthened provided factory-mounting points to chassis are maintained. The lower mounting point for the strut assembly may be modified for improved caster or camber. Strut tower braces, lower tie bars, sway bars, and limit straps are permitted. Traction bars and devices are permitted.
23. **Suspension, Rear:** An OEM-style suspension is mandatory. Lowering or raising the vehicle height with suspension modifications is permitted. Traction bars and devices are permitted. They must be bolt-on only; welds are permitted for attachment to frame or axle housing. All OEM suspension mounting points must be retained and used. Sway bars, limit straps, and camber kits are permitted. The rear

suspension must maintain a minimum compression shock travel of one inch compression. Stops may be adjustable. All rear suspensions must use at least one working shock absorber per wheel. Airbag spring assistance is permitted; airbag compressors must be disconnected, no in-cab controls.

24. **Tires:** The tires must be DOT street tires. Cut tires are prohibited.

25. **Tow Vehicles:** Tow vehicles are prohibited.

26. **Transfer Case:** Non OEM transfer cases are prohibited. The transfer case must have been an option on a one-ton or smaller pick-up truck.

27. **Transmission, Automatic:** Non-OEM transmissions are prohibited.

All vehicles with engines running 4500 RPM or more 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 tail housing with a minimum of 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 with engines running 4500 RPM or more and 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.

28. **Transmission, Manual:** Non-OEM transmissions are prohibited. A clutch meeting minimum SFI Spec 1.1 or 1.2 is mandatory on all vehicles with engines running 4500 RPM or more. All manual transmissions must be clutch assisted. Sequential shifters are prohibited. All vehicles with engines running 4500 RPM or more 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 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.

29. **Turbocharger:** The turbocharger is limited to a stock-appearing, OEM/Factory make-specific charger only. 6.4/ liter Power Stroke engine may utilize the factory twin-turbo configuration.
30. **Water Injection:** Water injection is prohibited. All system components must be removed from the truck.
31. **Wheelbase:** The vehicle must retain the original factory wheelbase and track width.

Under 8500lbs DIESEL MODIFIED Rules

Weight: 8500lbs. Maximum, with driver.

REGULATIONS:

1. **Ballast:** Ballast is permitted. Hanging weights must not extend more than 60 inches from the centerline of the front axle.
2. **Batteries:** **The batteries must be securely mounted.** They may not be located in the driver compartment or forward of the radiator core support.
3. **Body:** The body must be the OEM truck body, including the full bed floor. The body must retain full sheet metal. Metal after-market hoods are permitted. Fiberglass is prohibited. The hood must be closed and securely latched while the vehicle is hooked to the sled. The complete OEM firewall and complete OEM floor pan is mandatory.
4. **Brakes:** Working minimum of front hydraulic brakes required.
5. **Chassis:** 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.
6. **Cooling System:** Radiators must be in the stock location and be of at least stock size.
7. **Credentials:** All drivers must have a valid state drivers' license.
8. **Driveline:** OEM transmission and transfer cases are mandatory. They must have been an option on a one-ton or smaller pickup.
9. **Driver Restraint System:** The OEM restrain system is mandatory and must be worn.

10. **Driveshaft Loops:** All trucks must have at least six inch 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 the 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.
11. **Engine:** The engine block must have been available as a factory option on a one-ton or smaller pickup truck. Blocks must circulate coolant freely. The use of concrete or other block fillers is prohibited. Electric fans are permitted. Alternators must be present and powered via the crankshaft. Water pumps must be present, but may be powered electrically. NITROUS OXIDE and other oxygen extenders as well as the use of PROPANE is also prohibited. All system components MUST be removed from the truck. No RPM limit, aftermarket intake manifolds allowed.
12. **Exhaust:** All vehicles must be equipped to direct exhaust upward. Two 3/8 inch diameter bolts must be installed through the exhaust pipe in a cross pattern within one inch of each other as close to the turbo as is practical.
13. **Fire Extinguisher:** A fire extinguisher is required.
14. **Fuel:** The fuel must be pump #1/#2 diesel only. Soy/Biodiesel fuel is permitted. Off-road diesel fuel is prohibited.
15. **Fuel Injection Pump:** The fuel injection pump is limited to a stock-appearing, OEM engine make-specific pump only. Dual high-pressure common-rail fuel pumps or HPOPS are permitted. The P7100 injection pump, if equipped, may utilize either a stock or agricultural governor.
16. **Harmonic Balancer:** All engines turning 4500 RPM and higher must be equipped with a harmonic balancer or damper meeting SFI Spec 18.1.
17. **Hitch:** The hitch must be a receiver-style hitch; reinforcements are permitted. Reinforcements must not extend forward of the centerline of the rear axle. Trick hitches are prohibited. The hooking point must be the rear-most pint on the vehicle and must be rearward of the stock location of the tailgate. The hitch must be horizontal to the ground and stationary in all directions. Bumpers may be notched or removed. The hitch's height from the ground may

not exceed 26 inches. The hooking point must have minimum 4 inch inside diameter opening for the sled hook. No clevis allowed.

18. **Master Cutoff:** All trucks must be equipped with a master cutoff. A sled and driver-operated spring-loaded emergency air shutoff is mandatory. The cable must terminate into a two inch diameter steel ring.
19. **Rear End:** Non-OEM rear-end housings are prohibited. The rear end must have been an option on a one-ton or smaller pick up. Rear axle bolts must be covered by a cap or shield.
20. **Steering:** Additional stabilizers are permitted to OEM steering system. Hydraulic steering is permitted.
21. **Suspension, Front:** The factory suspension configuration must be retained. The upper mounting pint for strut assemblies must be in the factory location. Adjustable caster/camber pillow ball mounts are permitted. The lower control arm may be strengthened provided factory-mounting points to chassis are maintained. The lower mounting point for the strut assembly may be modified for improved caster or camber. Strut tower braces, lower tie bars, sway bars, and limit straps are permitted. Traction bars and devices are permitted. The final decision rests with the NADM Technical Department.
22. **Suspension, Rear:** An OEM-style suspension is mandatory. Traction bars and devices are permitted; they must be bolt on only; welds are permitted for attachment to frame or axle housing. Control arms may be strengthened or replaced, provided all original mounting points are retained. Strut tower braces, lower tie bars, sway bars, limit straps, and camber kits are permitted. The rear suspension may be bolted solid to eliminate travel.
23. **Tires:** The tires must be DOT street tires. Cut tires are prohibited.
24. **Transfer Case:** Non-OEM transfer cases are prohibited. It must have been an option on a one ton or smaller pickup
25. **Transmission, Automatic:** Non-OEM transmissions are prohibited. All vehicles with engines running 4500 RPM or more and 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 block to the front of tail housing with a minimum six inch overlap where it is fastened. All

non-blanket-type shields must incorporate two (or one, per manufacturers 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 with engines running 4500 RPM or more and using an automatic transmission must be equipped with a flex plate meeting SFI Spec 29.1 and be covered by a flex plate meeting SFI Spec 30.1.

26. **Transmission, Manual:** Non-OEM transmissions are prohibited. A clutch meeting minimum SFI Spec 1.1 or 1.2 is mandatory on all vehicles with engines running 4500 RPM or more. All manual transmissions must be clutch assisted. Sequential shifters are prohibited. All vehicles with engines running 4500 RPM or more and equipped with a manual transmission must have a flywheel shield labeled as meeting a SFI Spec 6.3 or greater. Applications for which and SFI Spec flywheel shield is not available may use a properly attached SFI 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
27. **Turbocharger:** The vehicle is limited to a single turbocharger; the inducer bore on the compressor housing may be no larger than 2.8 inches measured at the smallest diameter area of the compressor wheel. A bushing may be used to downsize the compressor housing ahead of the wheel. If a bushing is used, it must be round metallic, at least 3/4 inch long, mounted within 0.050 inch of the compressor wheel, and the inside diameter of the bushing may not exceed the 2.8 inch limit. Bushings must be securely fastened to the compressor housing. The inlet will be measured using a 2.85 inch plug or internal calipers. A stock map width enhancement (MWE) groove is allowed. No MWE groove will be allowed that has a width greater than 1/4 inch. All provisions allowing air to the wheel other than via the bore and the MWE groove are prohibited
28. **Water Injection:** Water injection is prohibited. All system components must be removed from the truck
29. **Wheelbase:** The vehicle must retain the original unaltered factory wheelbase and track width. Front dual-wheel spacers may be used only with accompanying positive-offset dually style wheels.