

# HUNTERDON COUNTY 4-H & AGRICULTURAL FAIR

## OPEN TRACTOR PULLS -EVENING

Date: WEDNESDAY, AUGUST 22, 2018

Registration - Weigh-In Begins 4:30 p.m.

Pulls Begin 5:30 p.m.

Entry Fee -\$20.00 per Tractor

RPM'S WILL BE CHECKED

The classes for this event are as follows:

Class I	4,500 lb. top 10 from daytime
Class II	5,500 lb. top 10 from daytime
Class III	7,500 lb. top 10 from daytime
Class IV	TRUCKS
Class V	4,500 lb. OPEN
Class VII	6,500 lb. OPEN
Class VIII	9,500 lb. non-turbo
Class IX	9,500 lb. turbo (stock)
Class X	9,500 lb. P-pump 10,000 lb. A-pump
Class XI	11,500 lb.
Class XII	11,500 lb. OPEN
Class XIII	13,500 lb.
Class XIV	15,500 lb.

### Rules for Stock Farm Tractors

1. Drivers must be 17 years of age and possess a valid New Jersey driver's license or 16 years of age and possess a valid Farmers License along with written parental consent.
2. A tractor and driver will be weighed on the portable scale at the fairgrounds prior to the pulling of each class. It is the responsibility of the tractor entrant to be sure the tractor weight meets the class limits. No adding or taking off weights while on scale.
3. Each tractor can be entered only once in the pulling contest.
4. The committee in charge reserves the right to reject any or all entries. If a tractor is rejected, it cannot be re-entered in any class.
5. Each tractor will be equipped with a suitable device that will take a 3-inch or larger vertical pin to accommodate the hook of the weight transfer sled.
6. Each Tractor will be limited to one pull except the first tractor in each class. In the event of sled malfunction, the judge has an opportunity to order a second pull.
7. Tractors must be in line ready to pull before the respective classes begin. **IF YOU ARE NOT IN LINE YOU WILL NOT PULL! No Late Entries!**

8. Tractors must be regular manufacturer's stock models, unaltered in length or governor speed, with a shielded power take-off, using fuel commonly used in tractors. Must have stock engine block for that model tractor. Dual wheels will not be permitted. Tractors must have stock size turbos. Manifolds must be OEM for that model tractor and not modified. Cut tires will be allowed in Open Classes.
9. The first puller in each class is a test puller and has the option to drop to third position to pull again.
10. RPM limit 2800. Open tractors have no limit if they have all safety equipment. Blanket, air/ignition kill switch, side shields, wheelie bars.
11. The tractor draw bar height shall not be more than 20 inches from the ground from the point of hitch. Cross bar hitches shall not be permitted. The draw bar or point of hitch shall be at least 18 inches from the center of the rear axle of the tractor. No top bracing will be permitted.
12. No one shall accompany the driver into the pulling area.
13. Driver must remain seated at all times throughout the pulling. Penalty is disqualification.
14. If weights are used on the front of the tractor, they must be located within 2 feet of the front bolster.
15. Weights will not be permitted in the cab or on the platform of the tractor, nor on a 3-point hitch. Rear wheel weights may not extend more than 12 inches from the outside of the rear tire.
16. All weights must be securely fastened on bolted brackets. Attachments must satisfy the committee. If any fall off during the pull, the tractor will be disqualified.
17. No slipping of the clutch once it's engaged.
18. No non-factory turbo equipped tractors permitted in stock classes. With the exception original M&W setups will be allowed in the 9,500 stock turbo class.
19. The driver is the only one permitted on the tractor when in operation.
20. All drivers must wear a properly secured helmet and long pants according to Chapter 62 Motor Vehicle Race Track Regulations.

Payout for all classes except trucks and 9,500lb. P-pump 10,000lb. A-pump  
1<sup>st</sup>. \$50 2<sup>nd</sup> \$40 3<sup>rd</sup> \$30

Any questions, please call David Bond at (908) 217-5041 or Scott Bond at (908) 229-1178.

Revised 2/08, 11/08, 6/0, 2/10/3112, 11/13, 14, 5/15, 8/15, 6/17, 1/2018

## OPEN TRUCK PULLS – EVENING

Date: WEDNESDAY, AUGUST 23, 2017

Entry fee - \$25.00 per Truck

### Rules for Open Truck Pull

Open to the first 25 to register.

To register e-mail Scott Bond [davesequipsales@att.net](mailto:davesequipsales@att.net) Include your name, address, truck info (make, model, engine type).

Fee will be \$25 per truck.

Be there by 5:00 pm for inspection.

No trucks will be allowed to register on the day of the pull.

Only the driver is to be in the truck while pulling.

NO ONE is to ride in or on the bed of the truck at any time.

Helmets and seatbelts must be worn while pulling.

No alcohol or drugs will be permitted on the premises.

Anyone found with alcohol or drugs will be removed from the fairgrounds!

All coolers will be subject to search! County park rangers and or local police will be patrolling the pit area.

1. Pickup trucks must be street legal and registered
2. D.O.T. stamped approved street tires only
3. No dual wheels. Dually trucks must remove one set of rear tires
4. No cut, grooved, bar, or tractor type tires
5. Must be OEM truck body
6. Flat bed allowed must cover tires and be stock length
7. Pump gas or diesel fuel only
8. Stock size turbo only
9. Hitch must be receiver type OEM factory designed towing hitch
10. Hooking point must be beyond the stock location of the tailgate
11. Maximum hitch height 26 inches
12. Hooking point must have a minimum 3 x 3.5 inch opening for the sled hook
13. Hitch must be in place at time of inspection
14. 8,000 lb. weight limit. Any added weight must be secured
15. ABC fire extinguisher must be in cab within reach of the driver
16. Stock front and rear suspension
17. No blocking of the suspension
18. Drivers side window must be down while on the track
19. Judges decision is final!!

Trophy's for the top 3 placings

## 9500 lb. P-pump 10,000 lb. A-pump

### Rules

1. Tractors must be stock block agricultural tractors. Engine must be original type or factory replacement for make and model. OEM stock type head for that model or series of engine. OEM stock type intake for that series engine. Tractors are allowed to run a tube type header exhaust. Alterations for mounting of fuel pump allowed. Tractors are allowed to use Electric Fuel pumps. All turbochargers must be under hood. Original style grill and hoods must be in place. All wheels must be in place. All tractors must have fenders in place. All tractors must have rear wheel brakes in working condition. All exhaust must discharge upward with a minimum pipe length of 18" from the hood line. Gas powered tractors must use only one updraft carburetor. No fuel injection on gas powered tractors. All tractors must use fuel that engine was designed for.
2. All chassis components must be steel, NO ALUMINUM CHASSIS PARTS (i.e. rear housing, final drive housings, transmission, frame rails)
3. NO ALCOHOL, NO PROPANE, NO NITROUS OXIDE
4. Fuel system allowed will be an A pump or P Pump with 1 plunger per cylinder. All tractors must be equipped with a 3 way dump valve. Valve must be installed ahead of the injection pump.
5. Intercoolers / After coolers and water injection allowed
6. All fans must be shrouded 360 Degrees with minimum 1/16" steel. Electric fans allowed
7. Maximum engine displacement of 540 cubic inches.
8. All tractors will be required to have.
  - Fenders
  - Scatter Blanket (must cover flywheel)
  - A 3/8" Diameter cable around the first and second cylinders on the engine. Cable should have 4 to 6 inches of play and have 2 clamps at any splice.
  - Exhaust pipe must be cross-bolted with two 3/8" grade five bolts within 1" of each other. Note: Any tractor using a stock cast exhaust manifold, only 2 cross bolts are required in the vertical portion on the exhaust. If a tubular exhaust manifold is being used two sets of cross bolts are required. One set of bolts mounted in the horizontal portion on the pipe right outside the turbine housing. The second set of bolts must be mounted in the vertical portion of the exhaust.
  - Working kill switch must kill air and any electric fuel pumps.
  - Side shields
  - Safety tie bars mounted to the rear axle housing with at least (4) axle housing bolts and fasten to the side of the block or mainframe with at least (2) 5/8" bolts. A one piece frame that extends from the front of the tractor to the rear and housing may be used.
  - Wheelie Bars – Specifications are:
    1. Pads on bottom of bars to be a minimum of 5" sq.
    2. Pads to be a minimum of 32" rearward from the center of the rear-end housing.
    3. Maximum of 10" off the ground.
    4. Outside to outside width of pads to be a minimum of 20"
    5. Wheelie bars and drawbar should not be connected in any way.
    6. Bars must support weight of tractor for weight class being pulled.
9. The use of torque converters, automatic shifts, etc. will be permitted on original factory equipment for that make and model

10. Centrifugal style slipper clutches allowed.
11. Tractors Limited to 24.5x32. Cut tires.
12. Turbocharger: Maximum of one turbocharger with a maximum measurement of 3" at the intake wheel and 3" at the exhaust wheel. 3 x 3 small base turbochargers only. No welding or altering turbo base to accommodate smaller bolt pattern on a larger bolt pattern turbo. Alterations for mounting of turbo allowed. Any tractor with a plastic or fiberglass hood must have the turbocharger shielded by .060" steel.
13. All drawbars are to be stationary in all directions. Maximum height of drawbar to be 20". Length of drawbar to be no less than 18" from center of real axel. Drawbar must be equipped with a steel-hitching device, think with a 3" diameter hole. Cross sectional thickness must be 7/8" minimum. Pulling point may not be more than 1 1/2" from the back edge of the hitching device. PTPA suggests fastening hitching device with one 7/8" or two 5/8" grade 5 or higher bolt(s). No top bracing except for complete factory setup. No quick hitch type adapters allowed on tractors.
14. No portion of tractor or ballast may interfere with sled or hitching device during pull.
15. No eight frame or weights may extend more than 24" beyond the most forward point of the tractor. All weight frames and weights must be stationary and safely secured to tractor, and must not extend beyond rear tires. No weights may be located in a position that could hinder safe operation of the tractor, or endanger the driver. No ballast on tractor seat or deck. No weights may exceed in width 12" beyond the tires. No weights or brackets to be any closer than 8" to draw bar hook point. Any ballast lost during a pull will justify disqualification.
16. All tractors must have stabilizer bars to be constructed as follows: Pads on bottom of bars to be a minimum of 5" square. Pads to be a minimum of 32" rearward from the center of the axel housing. Pads to be a maximum of 10" off the ground. Outside width of pads to be a minimum of 20". Minimum of 12" high bumper bar to be fastened to stabilizer bar. Do not connect hitch and stabilizer bars. Bars must be able to support the weight of the tractor in the heaviest class entered.
17. All tractors must be equipped with a safety kill switch. Diesel tractors must have a working air shutoff. Any tractor with an electric fuel pump, the kill switch must be tied to the air shut off. The shut off must be within reach when the driver is wearing their seat belt or harness. The air shutoff cable must have a minimum 2" diameter solid ring with a minimum 1/89" cross section thickness attached to it which must be unobstructed and easily hooked from sled. Kill switch must also be able to be operated manually by the operator from the seat of the tractor while wearing their safety harness.
18. Front skid bars required. For skid bar examples go too East Coast Pullers website link <http://www.eastcoastpullerslic.com/Skids.php>
19. All tractors must be equipped with a Deadman throttle.
20. All tractors must be equipped with a working/charged 2.5 lb. fire extinguisher.
21. All tractors must be equipped with a seatbelt, and must be worn during the pull.
22. Contestants must be 17 or at least 16 years of age with a valid NJ farmer's license.
23. All tractors must be TechEd/inspected before being allowed to pull.
24. Top three tractors from each class subject to re-inspection following completion of class.
25. Weight class 10,000 lbs. (A Pump), 9500 lbs. (P Pump).

Payout for this class only will be as follows: 1<sup>st</sup> Place \$250, 2<sup>nd</sup> Place \$150, 3<sup>rd</sup> Place \$100

There will be no entry fee for this class