

***Orleans County Fair
2016 General Pulling Rules
Farmstock and Antique Tractors***

GENERAL CONTEST RULES

- 1) Violation of any rule will constitute a disqualification.
- 2) All operators must attend drivers meeting at signup area 15 minutes before pull starts.
- 3) Contest will be governed by 3 or more judges including sled operator, with all decisions final.
- 4) Judges may disqualify any operator for not operating safely.
- 5) No coaching on track unless you are a new puller.
- 6) Packing of track with your tractor or others tractors to improve track conditions for your hitch not allowed.
- 7) Any protests against operators and/or equipment must be made before or during class, and then only by another operator in that class. Whoever launches the protest will also have their tractor for that class teched also. **NO EXEPTIONS**
- 8) Tractors may be entered in no more than 2 classes per event unless otherwise allowed by promoter.
- 9) Only track personnel and operator of tractor hitched to sled allowed on track.
- 10) The number one puller is the test puller – They may or may not take the first pull – the driver must decide when still hooked to the sled – If the 1st pull is not taken, they **MUST** pull again immediately, or at the end of the class.
- 11) Each vehicle **MUST** come to the start line with a draw bar with minimum **OPENING OF AT LEAST 3 INCHES (CLEVIS PERMITTED)**.
- 12) Tractors not ready when it is their turn to pull for any reason will pull last. No slipping into middle of class to pull.
- 13) Any object that hits the pulling track from the tractor while hooked to the sled is cause for disqualification – including weights.
- 14) Any vehicle that leaves the course of boundary lines will be disqualified – The vehicle in this rule being tire tread, also the boundary to be determined by the judge.
- 15) Generally random draw order, to be drawn at sign-up.
- 16) At least two entries per class or class will be canceled.
- 17) Operators have the option to spot the sled anywhere on the start line as long as prior notice is given to sled operator.
- 18) All pulls to start with a tight chain. No jerking.
- 19) Puller is allowed two attempts within 75 feet mark, to start their pull over. Puller must re-pull immediately.
- 20) If problem occurs with the sled during your hitch, you will be asked to re-pull when sled is corrected.
- 21) If you disrupt a pull, or are caught tampering with others tractors you will be told to leave immediately, and will not be allowed to pull 1 year and a day.
- 22) Pullers will be directed at the Drivers meeting to weigh off or on the track, to go over the scales and be tech. **If the throttle does not have a visible throttle stop the technician may ask to run the throttle. (No Aggressive acceleration or yanking will be performed by the Technician.**

All rules will apply at registration time.

All vehicles **MUST be ready to pull at time of registration – including fueled and safety equipment in place.**

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OPERATORS

- 1) All drivers are required to signed a waiver prior to registering for any classes.
- 2) Written permission of parent or guardian if operator is under 18. Parent or guardian and minor must also sign minor release and waiver of liability and indemnity agreement.
- 3) Tractor owners and operators assume full responsibility for negligence and accidents.
- 4) The driver must remain in seat during pull.
- 5) 7) Any UNSPORTSMANLIKE conduct will be an IMMEDIATE DISQUALIFICATION of tractor and driver.
- 8) ANY USE OF ALCOHOLIC BEVERAGES AND/OR DRUGS WILL BE AN IMMEDIATE DISQUALIFICATION OF TRACTOR AND DRIVER
- 9) Driver and vehicle may be disqualified or moved to the rear if they hold up the event

GENERAL SAFTEY RULES

- 1) ANY USE OF ALCOHOLIC BEVERAGES AND/OR DRUGS WILL BE AN IMMEDIATE DISQUALIFICATION OF TRACTOR AND DRIVER.
- 2) All vehicles must have brakes that work.
- 3) The driver MUST have complete control at all times – NO HOT RODDING
- 4) Tractor must be stopped immediately upon signal from the judge.
- 5) Tractor must be in neutral or park when hitching and unhitching from the sled, and both hands must be held out towards sides to signify that you have done so.
- 6) Must have all wheels in place.
- 7) NO PASSENGERS AT ANY TIME.
- 8) 2 ½ pound fire extinguisher (ABC) recommended in all classes.
- 9) Any weight must be secured – No weight on floorboards or in cabs.

WEIGHTS AND BRACKETS

All classes

- 1) Added weight brackets and weights must be securely attached to the frame or wheels.
- 2) Nothing to be above or 6 inches behind rear wheels, (except wheelie bars (should be 10”))
- 3) No weight or brackets to interfere with hitching.
- 4) Weights may be no more than 11 feet forward of the centerline of the rear axle. This includes weights or brackets.
- 5) No weights to be on floor, foot rest, draw-bar, seat, in cab, or on 3pt links.
- 6) No weight to be moved between you’re tractor and any other tractor competing in the same class.
- 7) Wheelie Bars Mandatory – Need to hold the weight of tractor in heaviest class.

HITCH

- 1) Minimum of 18” behind centerline of rear axle, to the furthest point of the opening. Maximum of 36” behind centerline of rear axle.
- 2) Hitch height - No more than 20” from surface of scales.
- 3) The Hitch should be tight vertically with no substantial play
- 4) No more than 1 ¼ inches steel from hook point to the back of the hitch. (towards sled)

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RPM'S

ANTIQUE 3.5MPH (Non Cut tire)

- 700 PTO RPM max.
- 800 max for fords and others with 700 factory rated rpm from factory
 - Puller must provide literature to prove this.

ANTIQUE 6.0MPH Cut Tire

- 2750 ENGINE RPM max for all inline engines (Farmall, Oliver, etc.).
- 1800 ENGINE RPM max for all John Deere 2 cylinder

OPEN ANTIQUE 15.0 MPH Cut Tire

- 3000 ENGINE RPM max for all inline engines (Farmall, Oliver, etc.).
- 1800 ENGINE RPM max for all John Deere 2 cylinder

FARMSTOCK

- Maximum Engine RPM no to exceed 2600 RPM and needs to have a governor stop.

TO HOT TO FARM

- 3000 ENGINE RPM max

WHEELIE BARS - ALL TRACTORS ALL CLASSES are required to have wheelie bars and must be built to NATPA specs. (Must be able to be jacked weighted for its heaviest class.)

TO HOT TO FARM

- ❖ 2.5 inch turbo outlet MAX
- ❖ No non-farm engines allowed
- ❖ No cut tires allowed
- ❖ Must have NATPA spec wheelie bars
- ❖ Must have deadman throttle
- ❖ Must have crossbolts in exhaust
- ❖ Weight classes will be 9,500 and 13,000
- ❖ Emergency air shutoff mandatory. Must be in rear center of tractor.

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WEIGHT CLASSES

- | | |
|----------------------------------|---------------------------|
| ▪ Antique 3.5 MPH (NON Cut Tire) | 2750 lbs. to 10600 lbs. |
| ▪ Antique 6.0 MPH (Cut tire) | 3000 lbs. to 8000 lbs. |
| ▪ Open 15MPH – (Cut Tire) | 4500 lbs. to 8000 lbs. |
| ▪ Farm Stock - | 9500 lbs. to 14,000 lbs. |
| ▪ Too Hot To Farm | 9,500 lbs. to 13,000 lbs. |

MPH PER CLASS

<u>CLASS</u>	<u>WEIGHT</u>	<u>SPEED</u>
3.5 MPH	2,500-9,000	3.5 mph
	9,500 -12,000	5.0 mph
6 MPH	2,500-5,000	6.0 mph
	5,500-8,000	6.0 mph
15 MPH	All	15.0
Farm Stock	All	14 mph
Hot Farm	All	none

MPH GUIDELINES

For the mile per hour pulls, any horn after the marked **RED cone (100 ft.) will disqualify** the pull. (Promoter reserves the right to make adjustments as needed to best manage the pull.)

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ANTIOUE TRACTORS – 3.5 MPH Non Cut

Must have engine parts within that model line are acceptable. Ex. JD A all years, IH M-SM, etc.

SPECS

- 1) Antique tractors, 1960 or older, rubber tired standard ag tread set in forward motion. Steel wheels will be allowed if you provide enough planking to protect the scales.
- 2) No cut or ground tires allowed. No duals, studs, or chains.
- 3) Two wheel drive only; four wheels if front is disengaged.
- 4) No alternative fuels (alcohol etc...) or gasses (such as nitrous) allowed. Gasoline or diesel only.
- 5) Hood, grill, and fan shroud must be in place if tractor was sold new with these items.
- 6) No pulling from 3 pt hitch or other links hitched above centerline of axle. Exceptions include older Fords and Fergusons with-out draw bars. Also Farmall's with 2pt hitch or quick hitch, these all must have the hydraulics disabled to the lift arms. Lift arms must also be mechanically stabilized at 20 inches or less.
- 7) Maximum drawbar height will be 20 inches from ground. This will be measured from top of fixed hitching device while on scales or parallel to level ground.
- 8) Minimum length of drawbar is 18 inches form centerline of rear axle, measured to point of hook contact from sled or boat.
- 9) Maximum length of drawbar will be 36 inches from centerline of rear axle, measured same as rule# 8
- 10) No vertical movement allowed in drawbar. No exceptions.
- 11) All tractors pulling must have a hole (opening) in drawbar or clevis **NO SMALLER** than 3 inches. Standard or twisted clevis will be allowed.
- 12) Exhaust straight up or under tractor pointed directly toward pan of the sled. Must be total of 18 inches of exhaust length from manifold to be legal.
- 13) **MUST** have working rear brakes to compete.
- 14) Must have working PTO.
- 15) Governor by-pass or over-speeding prohibited. RPM to be checked at PTO. 700 rpm's max. Fords will be allowed 800 rpm's.
- 16) Non OEM filter systems and exhaust allowed.
- 17) Tire size restrictions Maximum tire 18.4 X38" Up to 8500 lbs.

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ANTIOUE TRACTORS – 6.0 MPH Top or Full cut tires.

May have substitute Ag blocks for Example Oliver 310, IH 301 etc. Must be Ag block out of Tractor and or combines, no truck engines.

SPECS

- 1) Turbos allowed, HOWEVER if a tractor with a turbo wins steadily or by a wide margin they will be moved up to the open class. The tractor must have come from the factory with a turbo as standard equipment. These are the tractors that broke the old “open” class and they will be watched closely.
- 2) Cut tires allowed. Top and full cuts ok
- 3) Diesel and gasoline only. No alt. fuels (alcohol etc.) or gasses (nitrous etc.) also no water injection (or any other compression increasing agent)
- 4) Engine rpm max 2750 rpm allowed for inline vertical engines, and 1800 rpm for John Deere.
- 5) No PTO required.
- 6) Fan shields required.
- 7) Side Shields required with access for RPM checks minimum of .060” in steel.
- 8) Fire extinguisher required
- 9) Wheelie bars required. Built to N.A.T.P.A. specs
- 10) Class will go from 3000 to 8000 pounds
- 11) Turbo tractors must have cross bolts of a minimum of 3/8 inch through exhaust pipe if turbo charged.
- 12) Exhaust pipe must be clamped to manifold
- 13) RECOMMENDED -. Steel flywheel (sfi) .
- 14) Tire size restrictions Maximum tire 18.4 X38” Up to 8500 lbs.

HITCH REQUIREMENTS

- 1) Minimum of 18” behind centerline of rear axle. Maximum of 36” behind centerline of rear axle.
- 2) Hitch Height No more than 20” from surface of scales.
- 3) No more than 1 ¼ inches steel from hook point to the back of the hitch. (towards sled)
- 4) All tractors pulling must have a hole (opening) in drawbar or clevis **NO SMALLER** than 3 inches. Standard or twisted clevis will be allowed

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ANTIQUE 15 MPH CLASS

Tractors can have turbos and extensive engine modifications. PTO's are not required. They are too strong to compete in the stock class.

SPECS

- 1) PTO not required RPM Max 3000 Engine
- 2) No nitrous, No alcohol engines
- 3) Gas tractors must have working tether type ignition kill switch in rear center of tractor. Must be unimpeded by weights, brackets, tractor parts or housings of any kind. They will be tested.
- 4) Diesel tractors must have a working tether that kills all air to engine intake when pulled (guillotine, etc.). These must be unimpeded also. These will be tested also.
- 5) Mandatory -a 4:1 blast rating or equivalent blanket or 3/8" steel shield around bell housing and clutch area. Steel flywheel (sfi) strongly recommended
- 6) Must have engine side shields .060" or better steel.
- 7) Must have fan shroud, or electric fan.
- 8) Must have wheelie bars built to N.A.T.P.A. specs.
- 9) Must have 2 ½ pound ABC fire extinguishers.
- 10) Turbo tractors must have cross bolts of 3/8 inch through the exhaust pipe, exhaust pipe firmly clamped to manifold
- 11) Fire suit and helmet recommended
- 12) Ladder bars strongly recommended.
- 13) Engines must also be same manufacture as tractors
- 14) Fenders or tire shields recommended.
- 15) Must be original wheel-base.
- 16) Dead-man throttle required.

HITCH REQUIREMENTS

- 1) Minimum of 18" behind centerline of rear axle. Maximum of 36" behind centerline of rear axle.
- 2) No more than 20" from surface of scales.
- 3) No more than 1 ¼ inches steel from hook point to the back of the hitch. (towards sled)
All tractors pulling must have a hole (opening) in drawbar or clevis **NO SMALLER** than 3 inches. Standard or twisted clevis will be allowed

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FARMSTOCK

Defined as 1960 and newer tractors that are stock and are in out of the field condition. With mild enhancements. However these tractors should be able to perform a full day's work without having to adjust from pulling.

SPECS

- 1) Same as antique rules with few exceptions
- 2) May be turbo
- 3) No cut tires
- 4) Gas or diesel only, no alcohol or nitrous, no water injection
- 5) 2600 Engine rpm max

HOT FARM

Defined as enhanced engine with stock transmission and rear-end. Would not be used on day to day farming operations. Too hot to compete fairly with "farm stock" tractors.

- 1) Same as farm stock with exceptions
- 2) Diesel only, no alcohol
- 3) 2.5 inch max in and out turbo
- 4) 3000 engine rpm's
- 5) NO non-farm engines, engines must be of same manufacture as tractor. (no truck engines)
- 6) Cross bolts of 3/8 inch in exhaust pipe, pipe clamped firmly to manifold
- 7) Steel flywheel preferred
- 8) Wide front-end only.
- 9) Air shut of mandatory must be in rear center of tractor, and unobstructed
- 10) Fenders mandatory
- 11) Blanket - Recommended
- 12) .060 Steel Side Shields
- 13) No frame modifications
- 14) "P" pump max allowed
- 15) Exhaust must be vertical and straight

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