# Crook county fairgrounds Presents Ard Annual Prineville Truck Tractor Pull July 6<sup>th</sup> 8 7<sup>th</sup>, 2018 Crook County Fairgrounds - Prineville, OR

9.0



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TRUCK RULES

DISCLAIMER: The rules set forth are intended as a guideline for the sport of pulling. Installation of the required safety equipment is the responsibility of the vehicle owner/driver that participates at any event. No expressed, or implied, warranty of safety is intended, or inferred, from the publication of these rules, not the compliance therein. Nothing contained herein should be contrued as a guarantee against injury, or death, to the participant, by-standers, or spectators.

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# These are guideline rules. Final rules and judgement calls are made or changed by Prineville Truck & Tractor Pull (PTTP) track supervisor.

#### ATV RULES

GENERAL RULES:

1. Contest Open to all ATV's

2. PTTP staff reserves the right to accept or deny any or all entries.

3. Operator accepts any and all liability and holds PTTP harmless from any loss regarding operation of his/her machine at this event.

4. Each operator must sign a release and waiver agreement.

5. All minors must have written consent of parent or guardian to participate in this contest.

6. ATV's will be entered by the class of its engine size in cubic centimeters (cc).

7. ALL RIDERS MUST HAVE A HELMET.

Classes are as follows:

12 and Under Only:

A. 0-50cc	D. 200-399cc 4x2 4 Stroke	G. 400-500cc 4x4 4 Stroke
B. 51-90cc	E. 400-500cc 4x2 4 Stroke	
С. 91-199сс	F. 200-399cc 4x4 4 Stroke	

#### ADULT CLASSES:

SPORT	UTILITY
H. 125-200cc 2 Stroke	P. 400-600cc 4 Stroke 2x4
I. 201-349cc 2 Stroke	Q. 600cc &up 4 Stroke 2x4
J. 350-500cc 2 Stroke	R. 400-600cc 4 Stroke 4x4
K. 501-&UP 2 Stroke	S. 600cc &up 4 Stroke 4x4
L. 126-200cc 4 Stroke	
M. 201-250cc 4 Stroke	UTV
N. 251-350cc 4 Stroke	T. 500cc & under
O. 351-450cc 4 Stroke	U. 501cc & over

#### ATV RULES:

1. All rules are guidelines. All changes or revisions made by PTTP are final.

2. All operators must wear helmets while pulling.

3. All operators must operate ATV with restraint and respect for equipment and people working on pull.

4. All ATVs will remain in staging area except when pulling. No Other Riding on grounds or on the street will be tolerated or you will be disqualified! This will be strictly enforced!

5. Hitch hooked to axle (No Choice!!!)

6. Dual wheels will be allowed in all classes.

7. No added weight bolted on or otherwise will be allowed. Absolutely No Water In Tires!

#### JUDGING RULES:

1. Pull is ended when engine stalls or forward movement stops. No jerking or hole digging will be allowed.

**2.** PTTP staff has the right to stop and disqualify any contestant's ATV if it is being operated in such a manner as would be considered unsafe or in violation of the rules.

3. ATV or Tractor may be rechecked after the pull is completed if there is any question of rule violation.

#### 4. DRIVER MUST REMAIN SEATED.

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# Anyone driving a modified vehicle (any vehicle that has been altered from stock), or anyone 18 and younger must wear a DOT approved helmet. All others would be optional but strongly recommended.

# GARDEN AND FARM TRACTORS RULES

General Rules: Pull officials reserve the right to modify and enforce safety rules at the pulls!! Classes-

LIGHT STOCK GARDEN HEAVY WEIGHT GARDEN MOD GARDEN TRACTOR

А	0-1,000 LBS	Ι	8,001-9,000 LBS
В	1,001-2,000 LBS	J	9,001-10,000 LBS
С	2,001-3,000 LBS	Κ	10,001-11,000 LBS
D	3,001-4,000 LBS	L	11,001-12,000 LBS
Е	4,001-5,000 LBS	М	12,001-13,000 LBS
F	5,001-6,000 LBS	Ν	13,001-14,000 LBS
G	6,001-7,000 LBS	0	14,001-15,000 LBS
Н	7,001-8,000 LBS		

#### **Stock Farm Tractors**

1. Any tractor may qualify in a max (2) classes. One hook per class

2. Draw bar must not exceed 21 inches in height. Weights will not be more than 21 inches forward from the fixed front of the tractor (NON-MOVING PARTS). Any weight or part falling off the tractor during the pull shall result in disqualification. Hitches can't be closer than 12 inches from center of housing.

- 3. The tractor weight will include the driver. There will be no weight or driver change after weigh in for that class.
- 4. Drivers will be 14 years or older or have a valid tractor safety operator permit.
- 5. Tractor engines must be STOCK. No turbo unless factory issue for date of tractor.
- 6. There will be **no transmission downshifting** during a pull. A restart will be allowed within the first 25 feet.
- 7. Pull will end when the flagger signals to stop!! Hole digging will result in a 25 feet penalty.

## Super-Stock/Super Farm/Pro Stock Tractors

- 1. There is no limit on tire size, cut tires ok, but no dual tires.
- 2. There is no track speed limit. 5 mph maximum off track limit.
- 3. Wheelie bars are required, 2 bars are required on new tractors
- 4. Tractors of any age are welcome
- 5. REQUIRED Kill switch
- 6. REQUIRED On board fire extinguisher

7. Hitch height requirements same as stock tractors (21") with the following restrictions; 3" opening, 7/8 thickness. No closer than 18" from rear axle.

- 8. Tractor must have working brakes
- 9. Tractor must be no longer than 12 ft. from center of rear axle to front most point (open for discussion)
- 10. REQUIRED Rear fenders
- 11. REQUIRED Electric fans
- 12. REQUIRED Deadman's throttle (spring loaded to return engine to idle).
- 13. Engine must be the same make, with the same number of cylinders as issued from the factory.
- 14. Engines may be mounted in any safe manner
- 15. Any safe RPM
- 16. Custom exhaust and intake manifolds/headers ok but need vertical exhaust
- 17. Turbo chargers and super chargers allowed, water injection ok, inter and after coolers ok

18. Must have shields around turbo and super charger and cross bolts (or other system of stopping turbocharger parts from coming out of the exhaust during a pull) holding exhaust housing in place.

- 19. REQUIRED SFI steel clutch
- 20. REQUIRED Side shields, not less than 1/8" thick, covering from the bottom of the block up to the head.
- 21. REQUIRED Roll cage and 5 point harness
- 22. REQUIRED fire suit

#### **Naturally Aspirated Hot Farm**

- 1. There is no limit on tire size, cut tires ok, but no dual tires.
- 2. There is no track speed limit. 5 mph maximum off track limit.
- 3. Wheelie bars are required, 2 bars are required on new tractors
- 4. Tractors of any age are welcome
- 5. REQUIRED Kill switch
- 6. REUIRED On board fire extinguisher

7. Hitch height requirements same as stock tractors (21") with the following restrictions; 3" opening, 7/8 thickness. No closer than 18" from rear axle.

- 8. Tractor must have working brakes
- 9. Three tractor minimum to hold class, otherwise combine classes.
- 10. Tractor must be no longer than 12 ft. from center of rear axle to front most point (open for discussion)
- 11. REQUIRED Rear fenders.
- 12. REQUIRED Electric fans.
- 13. REQUIRED Deadman's throttle (spring loaded to return engine to idle).
- 14. No age limit on tractors
- 15. Gasoline, propane, or diesel fuel only. No injection of combustion enhancing material (NOx, alcohol, etc,)

16. Engine can be any engine made by the original tractor manufacturer for ag and industrial use with same number of cylinders.(I.E. Moline 800, IH 501, 4-741 in Oliver/Massy allowed, etc.) No cubic inch limit, no turbochargers, Detroit engine bowers ok.

- 17. Side shields are required, not less than 1/8" thick, covering from the bottom of the block up to the head.
- 18. Custom exhaust and intake manifolds/headers ok, but need vertical exhaust.
- 19. Any safe RPM
- 20. REQUIRED Steel flywheels for tractors that are running over 30% of stock RPM
- 21. Clutch protection is required, of any reasonable configuration. Transmission blanket required.
- 22. Fire suits, and roll bars recommended.

## **Modified Farm Tractors**

- 1. There is no limit on tire size, cut tires ok, but no dual tires.
- 2. There is no track speed limit. 5 mph maximum off track limit.
- 3. Wheelie bars are required, 2 bars are required on new tractors
- 4. Tractors of any age are welcome
- 5. REQUIRED Kill switch
- 6. REQUIRED On board fire extinguisher

7. Hitch height requirements same as stock tractors (21") with the following restrictions; 3" opening, 7/8 thickness. No closer than 18" from rear axle.

- 8. Tractor must have working brakes
- 9. Three tractor minimum to hold class, otherwise combine classes.
- 10. Tractor must be no longer than 12 ft. from center of rear axle to front most point (open for discussion)
- 11. REQUIRED Rear fenders.
- 12. REQUIRED Electric fans.
- 13. REQUIRED Deadman's throttle (spring loaded to return engine to idle).
- 14. Limited to one V-8 engine, 1 carburetor only (any size), stock fuel injection, no super or turbo chargers
- 15. NOx injection ok.
- 16. No cubic inch limit
- 17. Must look like a tractor, have at least partial sheet metal and grill
- 18. Gasoline only
- 19. Side shields are required, not less than 1/8" thick, covering from the bottom of the block up to the head.
- 20. Roll bar or roll cage required, seat belts recommended.

- 21. Fire suits are recommended.
- 22. REQUIRED Steel flywheel, bell housing, transmissions scatter blanket, and safety shielding.
- 23. REQUIRED Wide front end
- 24. REQUIRED Vertical exit for exhaust.

#### **Unlimited Modified**

- 1. There is no limit on tire size, cut tires ok, but no dual tires.
- 2. Wheelie bars are required, 2 bars are required on new tractors
- 3. Tractors of any age are welcome
- 4. REQUIRED Kill switch
- 5. REQUIRED On board fire extinguisher

6. Hitch height requirements same as stock tractors (21") with the following restrictions; 3" opening, 7/8 thickness. No closer than 18" from rear axle.

- 7. Tractor must have working brakes
- 8. Three tractor minimum to hold class, otherwise combine classes.
- 9. Tractor must be no longer than 12 ft. from center of rear axle to front most point (open for discussion)
- 10. REQUIRED Rear fenders.
- 11. REQUIRED Electric fans.
- 12. REQUIRED Deadman's throttle (spring loaded to return engine to idle).

#### **Stock Garden Tractors**

- 1. Wheelie bars are recommended.
- 2. Three weight classes: 0-750 lbs., 751-950 lbs., and 951-1200 lbs with driver
- 3. There will be a separate class for dual wheel garden tractors.
- 4. Tire size not to exceed 26" x 12" x 12"
- 5. Hitch height 13 inches max. no closer than 6 inches from center line of rear axle
- 6. Weights will not be more than 18 inches forward from the fixed front of the tractor (NON-MOVING PARTS).
- 7. Must have proper engine for model of tractor- same horsepower as original
- 8. Can't have any modifications other than tire size

9. The minimum age for this class only is 9 years old and must prove ability to handle lawn mower by passing skills test administered by safety committee. Adult must also walk beside tractor during pull.

## **Modified Garden Tractor**

- 1. Wheelie bars are mandatory
- 2. Weight 1400 lbs. max with driver
- 3. Tire size not to exceed 26"x12"x12"
- 4. Hitch height 15 inches max. no closer than 6 inches from centerline of rear axle
- 5. Weights will not be more than 18 inches forward from the fixed front of the tractor (NON-MOVING PARTS).
- 6. No more than 2 cylinder engine from any lawn mower for any chassis and naturally aspirated (no turbo or nitrous) 7. 55 inch wheel base max.

8. The minimum age for this class only is 14 years old and must prove ability to handle lawn mower by passing skills test administered by safety committee.

### 9. Need to have kill switch

#### **Super Modified Garden Tractors**

- 1. Wheelie bars are mandatory
- 2. Weight 2000 lbs. max. with driver
- 3. Tire size not to exceed 31"x15"x15"
- 4. Width of tractor 60 inches max.
- 5. Hitch height 15 inches max, no closer than 6 inches from centerline of rear axle
- 6. Limited to 200 cubic inches
- 7. Must have scatter shield around clutch
- 8. Engine safety plates on sides of block
- 9. Chain shields on all chains at least 12 gauge thick

10. Rear fenders and front grill

11. Must have appearance of tractor

12. Rear mounted kill switch for sled operator and fire extinguisher

13. The minimum age for this class only is 14 years old and must prove ability to handle lawn mower by passing skills test administered by safety committee.

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# Anyone driving a modified vehicle (any vehicle that has been altered from stock), or anyone 18 and younger must wear a DOT approved helmet. All others would be optional but strongly recommended.

# TRUCK RULES:

- A. Stock 2wd under 5,000 lbs.
- B. Stock 4wd under 5,000 lbs.
- C. Stock 4wd small block under 6,000 lbs.
- D. Stock 4wd big block under 6,000 lbs
- E. Super stock 2wd under 4,000 lbs.
- F. Super stock 2wd under 5,000 lbs.
- G. Super stock 4wd small block under 6,000 lbs.
- H. Super stock 4wd big block under 5,000 lbs.
- I. Super stock 4wd big block under 6,000 lbs.
- J. Country modified see rules page.
- K. Heavyweight 2wd under 8,500 lbs.
- L. Heavyweight 4wd under 8,500 lbs.
- M. Super heavyweight under 10,000 lbs.
- SMALL BLOCK is defined as any type engine 400 c.i. and smaller.
- BIG BLOCK is defined as any type engine 401 c.i. and larger.
- ALL RULES ARE GUIDELINES! THE FINAL DECISION ON ANY RULES
- VARIATIONS WILL BE MADE BY PTTP TRACK SUPERVISOR.

# -NO PASSENGERS ARE ALLOWED IN VEHICLE

-MUST HAVE DRIVERS PERMIT TO DRIVE

These are some new safety we STRONGLY recommend. Please try to comply with them if you plan on running in classes E-I.

- 1. Minimum of  $2\frac{1}{2}$  lb. Fire extinguisher must be within reach of driver.
- 2. Must have kill switch located immediately adjacent to the hitch. Attachment point must be in a ring form with an approximate thickness of <sup>1</sup>/<sub>4</sub> inch and a circumference of at least 1 inch. Electric fuel pump must be wired to kill switch. If

# vehicle has a kill switch it MUST be in working order.

- 3. Drive-line loops to contain front and rear of each driveline.
- 4. SFI approved scatter shield with steel flywheel and high performance clutch. SFI blanket or shield for automatics.
- 5. SFI approved harmonic balancer or balancer shield. Shield must fully contain balancer.

# Rules for classes stock A-D:

- 1. Truck must have all components: front bumper, body, doors or 5-point harness, hood, and brakes in working order.
- 2. Bed must have floor intact or bed cover installed. Nothing allowed in bed unless secured.
- 3. All components must be in original position on stock frame.
- 4. Batteries must be securely fastened.
- 5. Seating and steering must be close to stock.
- 6. Seat belts must be functional and worn. All open cab vehicles must wear helmet.
- 7. Fuel tanks must be securely fastened.
- 8. Pump fuels only, no alcohol fuels or compressed fluids, such as nitrous or propane.
- 9. No internal engine modifications allowed and maximum 2 external modifications. (Ex. headers, intake, carburetor)
- 10. Original style transmission only. Both stick and automatic are fine.
- 11. Blocked suspension allowed.
- 12. Tire and rim modifications are allowed. Must be D.O.T tires, no terra tires, no sharpening or cutting of tires allowed.
- 13. May hang weights (not to exceed 42") forward from the center point of the front axle.

14. Maximum height of hitch is 24" to fixed point of hitch. (Does not include clevis unless it raises the hitch point) Hitch must be rigid in all directions and solidly mounted to frame. No chains or cables allowed. Hitch breakage will be cause for disqualification.

## Rules for super stock classes E-I:

1. Truck must have all components: front bumper, body, doors, and brakes in working order.

2. Bed must have floor intact, or bed cover installed. Nothing allowed in bed unless secured.

3. All components must be in original position on stock frame.

- 4. Batteries must be securely fastened.
- 5. Seating and steering must be close to stock.

6. Seat belts must be functional and worn. All open cab vehicles must wear helmet.

7. Fuel tanks must be securely fastened.

8. All internal engine modifications allowed and any carb/intake manifold combo allowed. Fuel injection allowed. Pump

fuels only, no alcohol fuels or compressed fluids, such as nitrous or propane.

9. Original style transmission only. Both stick and automatic are fine.

10. Blocked suspension allowed.

11. Tire and rim modifications are allowed.

12. Drive shaft loops required for rear only.

13. May hang weights (not to exceed 42") forward from the center point of the front axle.

14. Maximum height of hitch is 24" to fixed point of hitch. (Does not include clevis unless it raises the hitch point) Hitch must be rigid in all directions and solidly mounted to frame. No chains or cables allowed. Hitch breakage will be cause for disqualification.

15. Vehicles measuring 24" from the ground, measured at the bottom of the frame under the door, are REQUIRED to have driveshaft loops. U-joints must be covered 360°

#### J - Country Modified

1. Weight limit is 5800 lbs maximum, with driver.

2. Engine is limited to 500 + or - 1% cubic inches, must have a cast iron block and may have either cast iron or aluminum heads. Heads must be factory produced of original type configuration with 2 valves per cylinder.

3. Engine must accept stock crankshaft.

4. No digital, microprocessor, computer, or programmable ignition controls. No traction control ignition accessories. No six-shooter, power grid systems or similar type ignition controls in any class.

5. Any factory fuel injection is allowed. Fuel injection system must have been stock for the year, make, and model of vehicle utilizing fuel injection.

6. Fuel is limited to gasoline only. No alcohol is allowed.

7. Will be required to have a steel bell housing or a SFI approved transmission blanket and/or scatter shield.

8. Any single four-barrel carburetor with any intake manifold is acceptable.

9. Any cut or bar style tire is permitted except Dick Cepek Giant puller tires. A maximum 31" (factory marked) tire is permitted for a non DOT tire and a maximum 36" (factory marked) tire is permitted for a DOT legal tire.

10. Axles and hub bolt shields are required on all rear ends unless it is a planetary drive rear end. The minimum is 1/16 (0.060 thick steel). The hub bolts should be shielded on both the front and rear axles. The mounting shield cannot be mounted to the axle end or the hub bolts. A hole may be installed in the center of the front shield so the lock can be operated, so long as the hub end or axle bolts are covered.

11. Vehicle limited to a 133 inch wheel base.

12. Fiberglass may be used in body components in lieu of steel provided the appearance is the same as the factory steel body.

13. Wheel wells, front and rear, must be centered above the wheels.

14. The bed of the pickup truck may be lengthened or shortened, only between the cab and the rear wheel wells, so the wheels are centered in the rear of the bed to make the wells centered above the wheels.

15. One piece of fiberglass bodies will be allowed. Fiberglass bodies must be an exact replica of the original sheet metal. 16. All weights must be safely secured to the vehicle and may not extend forward more than 42 inches from the center line of the front axle. No loose weights in the cab or under the hood are allowed.

17. If the vehicle has doors, they must be on and closed. Glass windshields, rear windows, and side windows can be factory tinted or clear glass. Stained glass is not allowed. If Plexiglas is used, it must be clear in all windows.

18. The vehicle must run with a full hood except for exhaust and fuel systems. Vertical exhausts exiting through the hood are optional. If vertical exhausts are not used, the exhaust must exit straight back. Vertical is defined as "being in plumb" with a 10 degree variance in any direction permitted.

19. All trucks must have working front wheel brakes. This does not include drive shaft brakes. Driver shaft brakes, if pres-

ent, must be shielded 360 degrees by 5/16" steel or 3/8 inch aluminum, both ends enclosed with 1/8" steel. The floor of the body may be part of the shield if it is 1/8" steel or better.

20. The use of mud flaps or dirt deflectors are prohibited.

21. All vehicles must utilize a grill and it must be in the original position.

22. No holes in the firewall and floorboard are permitted.

23. Vertical bumpers are required to prevent the vehicle from passing over the buckboard of the sled while backing up to hood and unhook. Bumpers to extend a minimum of 8 inches vertically. Bumpers must be of rigid construction.

24. All trucks must have three (3) round metal loops shielding on each drive shaft. (A two piece drive shaft must have six (6) metal loops. A 360 degree loop must be a minimum of 3/8" wide or wider, and not more than 2 inches from the shaft in any direction. End loops must be placed no farther than 6 inches for universal joints, with a third loop in the center of the shaft, or it can be a solid tube (5/16" steel or 3/8" aluminum) meeting the above requirements. No cast metal is permissible. If running an after-market transfer case or drop box all intermediate shafts must be fully enclosed.

25. No fuel tanks are permitted in the cab. Fuel pressure gauges, fuel pumps, and lines inside the cab are also prohibited. 26. All trucks will have a 360 degree metal shield around the universal joints, 5/16" steel or 3/8" aluminum. Minimum width to be 6 inches. Clearance should not exceed 2 inches between shield and universal joint. Shield should not be butt or seam welded.

27. Hitch height maximum is to be 26" at point of hook before, during, and after pull. Hitch must be rigid in all directions and mounted solidly. Pulling point can be no more than 1 1/2 inches from back edge of drawbar. No clevis chains or cables permitted in hitching device. From point of hook to centerline of rear axle shall be no less than 36% of truck wheelbase and shall not slope any greater than 25 degrees to hitch point.

28. The hitch must be clear and visible for hookup purposes. The hitch must be rigid in all directions and solidly mounted to the frame. No devices or installations that will raise the hitch while pulling are permitted. This will be cause for disqualification.

29. A fire extinguisher is mandatory. It must be securely mounted and easily accessible by driver. (Not under or behind the seat).

#### Rules for heavyweight truck class K, L, M:

1. Truck must have all components: front bumper, body, doors, and brakes in working order.

2. Bed must have floor intact, or bed cover installed. Nothing allowed in bed unless secured.

- 3. All components must be in original position on stock frame.
- 4. Batteries must be securely fastened.
- 5. Seating and steering must be close to stock.
- 6. Seat belts must be functional and worn. All open cab vehicles must wear helmet.

7. Fuel tanks must be securely fastened.

8. All internal engine modifications allowed. Pump fuels only, no alcohol fuels or compressed fluids, such as nitrous or propane. Water/Meth allowed.

9. Original style transmission only. Both stick and automatic are allowed.

10. Blocked suspension allowed.

11. Tire and rim modifications are allowed. Must be D.O.T tires, no terra tires, no sharpening or cutting of tires allowed.

12. May hang weights (not to exceed 60") forward from the center point of the front axle.

13. Maximum height of hitch is 24" to fixed point of hitch. (Does not include clevis unless it raises the hitch point) Hitch must be rigid in all directions and solidly mounted to frame. No chains or cables allowed. Hitch breakage will be cause for disqualification.

14. Vehicles measuring 24" from the ground, measured at the bottom of the frame under the door, are REQUIRED to have driveshaft loops. U-joints must be covered 360°