

# **MAFMCA 2017 TRACTOR PULL RULES AND GENERAL INFORMATION:** **(April, May, and show pulls)**

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

1. ALL DRIVERS AND TRACK HELPERS MUST SIGN A WAIVER OF LIABILITY.
2. Driver must be 14 years of age or older (ALL non-pace classes 16 years old).
  - 14-15 year olds must have a safe driving certificate.
3. Those under 18 years of age must have written parental/guardian permission for each pull.
4. Any tractor or driver found to be unsafe or illegal will be disqualified or barred from hooking.
5. Driver must stay on the seat of the tractor, hands must be on steering wheel, hand brakes, hand clutch, or throttle at all times during the pull.
6. Any part falling off the tractor after being hooked and until the tractor is unhooked will result in disqualification.
7. The Rules Committee will interpret all rules. The Rules Committee will rule on any unforeseen problems or oversights with their decisions being final.
8. Tractors will be limited to entry in 4 regular classes unless determined differently the day of the pull by the committee. Additional fundraiser (April/May) pulls will not count towards the 4-hook limit.
9. A tractor can be entered only once in each class (Except fundraiser classes – need a different driver each pass).
10. Entry fee is \$7.00 per tractor class. You must also be a dues-paid MAFMCA member to pull.
11. Registration is closed when that class starts.
12. All pulls will be started from a tight hitch.
13. Two starts will be given for changing gears or weights within 75 feet. The sled may be reset at the discretion of the track officials.
14. Tractor must stay within boundaries of the course.
15. Pull is complete when forward motion of the weight sled stops.
16. A limit of 2 minutes to start your pull when called *may* be implemented by track officials.
17. Tractors leaking uncontrolled excess fluid on the track prior to the green flag will not be permitted to pull.
18. Any year tractor will be permitted to pull.
19. No weights may extend more than 6" beyond rear tires except orchard or utility style tractors; front weights may not exceed more than 11 feet forward from the center of rear axle.
20. No chains or dual wheels permitted, and 4-wheel drive tractors must have front wheels disengaged.
21. Pulling will be done from a stationary (in all directions) drawbar; fast hitches must be locked out.
22. All tractors running with a stroked crank must have side shields from radiator to bell housing.
23. The only fuels permitted are gasoline, diesel, and kerosene and LP gas.
24. **ANY TRACTOR IN ANY CLASS RUNNING 20% OR MORE OVER STOCK RPM'S IS REQUIRED TO HAVE A SCATTER BLANKET AT THE BELLHOUSING AND SIDESHIELDS FROM THE RADIATOR TO THE BELLHOUSING.** For external flywheels (i.e. John Deere) turning over 20% stock RPM, the flywheel must be surrounded by a minimum of 3/8" steel that is 2" wider than the flywheel itself, and the fan blade must either be removed or be shrouded at least 12" behind radiator.

**\*\* See chart for RPM allowances.**

**All MAFMCA sponsored tractor pulls are held at the Montour-Delong  
Community Fairgrounds in Washingtonville, Pennsylvania.**

## **SPECIFIC RULES FOR “STOCK” CLASSES:**

Stock classes: 2,750; 3,250; 3,750; 4,000; 4,250; 4,500; 5,000; 5,500; 6,000; 6,500; 7,000; 7,500; 8,000; 8,500; 9,000; 10,000; 11,000; 12,000

Double Tree and Powder Puff Classes: 4,000; 5,000; 6,000; 7,000; 8,000; 9,000 (Labor Day weekend show only)

### **25. Each Stock class will have these divisions:**

1. **1939 and older**
  - a. Tires - tapered cleat allowed. Tire size restrictions in chart below.
  - b. Non-Turbo.
  - c. All classes 3.5 mph pace.
  - d. Drawbar 18" high, 24" back
  - e. Weight classes to include 2750, 3250, 3750, 4000, 4250, 4500, 5000, 5500
2. **3.0 mph Non-Cut Tires (CHANGE FOR 2017 SEASON!)**
  - a. New or road worn tires only. NO EVIDENCE OF ALTERED TIRES! Tire size restriction in chart below
  - b. Non-Turbo
  - c. Drawbar 18" high, 24" back
  - d. All weights will run **3.0 mph pace**.
3. **Top Cut 3.5mph**
  - a. Top cut tires only (NO altering the front of the cleat).
  - b. 6500lb. and below tires size is limited to 15.5x38 or 16.9x34. 7000lb and up limited to 18.4x38.
  - c. Drawbar 18" high, 18" back
  - d. All weights will run a 3.5 mph pace
4. **6 mph Cut Tires**
  - a. Any style of cut on tire is permitted
  - b. **18.4 x 38 tire size**
  - c. Non-Turbo
  - d. Drawbar 18" high, 18" back
  - e. All weights will run a 6 mph pace.
5. **Open Cut Tires**
  - a. Any style of cut on tire is permitted
  - b. **18.4 x 38 tire size**
  - c. Non-Turbo
  - d. Drawbar 18" high, 18" back
  - e. No speed limit
6. **Turbo 3.5 mph PACE –**
  - a. Uncut tire, see chart
  - b. Turbo & pump for tractor being entered.
  - c. Drawbar 18" high, 24" back
  - d. ONLY tractors that were *factory equipped* with a turbocharger may enter this class
7. **Open Turbo**
  - a. *Uncut tire – see chart for size limits.*
  - b. Turbo & pump for tractor being entered.
  - c. Drawbar 18" high, 24" back
  - d. ONLY tractors that were *factory equipped* with a turbocharger may enter this class
  - e. *The idea is that tractors in this class should be able to pull a plow for hours before/after pulling without touching pump settings, etc. “Pulling only” tractors please come to the Montour DeLong Fair Pull!*

**TRACTORS MAY ELECT TO JUMP UP A DIVISION IF DESIRED, BUT THEY CAN NOT JUMP DOWN IF THEY DO NOT MEET THE RESTRICIONS OF THE LOWER DIVISION (tire size and cut)**

26. Tire size limitations for divisions 1, 2, 6, & 7: (may go one size wider if one size shorter – one time – we eliminated the square inch restriction listed in previous years to try to simplify the tire rules)

**2,750 pound: 12.4 x 38**

**3,250 lb. – 4,500 lb.: 13.6 x 38**

**5,000 lb. – 6,500lb: 15.5 x 38**

**7,000 lb. – 8,500 lb.: 16.9 x 38**

**9,000 lb. – 10,000lb: 18.4 x 38**

**11,000 lb. - 12,000 lb. 20.8 x 38**

27. Drawbar must be equipped with a clevis or hitching device not more than 1" thick and not less than ½" thick. Hitch device must have a 3" diameter opening, and pulling point may not be more than 1 1/2" back of hitching device. Hitch must be unobstructed by weights. Top of hitch adjuster must not be attached above the centerline of the axle or hub.
28. Cut tire tractors must have wheelie bars. They must be attached to the tractor separately from the hitching device. Wheelie bar specifications: 10" above ground max. 5" beyond radius of tire min., 5" square of surface per pad min., 20" minimum width, strong enough to support weight of rear of the tractor off the ground in heaviest class pulled.
29. Engine must be agricultural or industrial type engine for all stock tractors.
30. Exhaust pipe must extend above steering wheel except for stock rear/side exhaust system.
31. Pace classes will be paced as outlined above. Doubletree will be paced 3mph and Powder Puff will have a 2nd gear limit.

## **SPECIFIC RULES FOR SUPER STOCK, CLASSIC, and PRO FARM CLASSES:**

**Super Stock & Classic weight classes: 6,000; 6,500; 7,000**

**Pro Farm weight classes: 10,000; 11,000; 12,000**

**32. Super Stock and Classic classes will have these divisions. All classes are non-pace. Any Cut Tire.**

**8. Super Stock Non-Turbo**

- a. Any ag or industrial engine
- b. Naturally Aspirated engines only
- c. 18.4x38, 20.8x34 tire size

**9. Super stock Turbo**

- a. Any ag or industrial engine
- b. 3" turbo inlet maximum
- c. 18.4x38, 20.8x34 tire size

**10. Classic**

- a. Automotive type engine
- b. Naturally Aspirated
- c. 18.4x38, 20.8x34 tire size

33. Drawbar must be minimum length of 18" from center of axle to point of hook, parallel to the ground and 20" from the top of hitching device to ground.

34. Drawbar must be equipped with a clevis or hitching device not more than 1" thick (Super Stock & Classic must be 3/4" to 1" and must have a 3" diameter opening). Pulling point may not be more than 1 1/2" back of hitching device (Super Stock & Classic must be 1" to 1 1/2"). Hitch must be unobstructed by weights.

35. Super Stock & Classic tractors must have fenders with no sharp edges or corners.

36. Super Stock & Classic tractors must have a kill switch.

37. Engine must be agricultural or industrial type engine for all Super Stock tractors. Automotive type engine for Classic tractors.

38. Super Stock & Classic tractors must have wheelie bars that extend 5" beyond radius of rear tires and no more than 10" above the ground.

39. Super Stock & Classic exhaust pipe exhaust pipe must extend above steering wheel and be straight -no curves in the pipe that would project broken internal parts into the stands.

40. Super Stock & Classic tractors must have a fire extinguisher reachable from seat.

41. Super Stock & Classic tractors must have side shields from radiator to bell housing

42. *ALL "SUPER STOCK" and "CLASSIC" TRACTORS MUST BE EQUIPED WITH A DEADMAN'S THROTTLE!*

## **ATTENTION!**

**MONTOUR-DELONG FAIR COMMUNITY ASSOCIATION RULES:**

**NO alcoholic beverages or illegal drugs may be consumed or brought onto the fairgrounds!**

**MONTOUR-DELONG COMMUNITY FAIR ASSOCIATION AND MONTOUR ANTIQUE FARM MACHINERY COLLECTORS ASSOCIATION WILL NOT BE RESPONSIBLE FOR ANY DAMAGE TO TRACTORS OR INJURY TO CONTESTANTS OR ANYONE ELSE PARTICIPATING IN THESE CONTESTS.**

**MAFMCA RPM Chart****Tractor**

<b>ALLIS CHALMERS</b>	<b>STD</b>	<b>20%</b>
A	1150	1380
B, C, CA	1850	2220
U	1200	1440
WC, WD, WD45	1720	2064
WD45 Dsl	1975	2370
D-17 Gas, D-17 Dsl.	1995	2394
<b>CASE</b>	<b>STD</b>	<b>20%</b>
C, CC, D, DC	1390	1668
L, LA	1200	1440
SC	1760	2112
301, 311	1948	2338
VAC, ( 401 Gas or Dsl.)	1600	1920
500 Dsl., 600, 900 Gas	1500	1800
900 Dsl	1635	1962
<b>COCKSHUTT</b>	<b>STD</b>	<b>20%</b>
20	2000	2400
30	1850	2220
40, 50, 550, 560, 570	1850	2220
<b>CO-OP - Duplex</b>	<b>STD</b>	<b>20%</b>
No. 2	1750	2100
No. 3	1850	2220
<b>FARMALL</b>	<b>STD</b>	<b>20%</b>
A, B, F-12, F-14	1550	1860
F-20, F-30, 10-20	1350	1620
C, SC, 200	1815	2178
300, 350 Gas or Dsl.	1925	2310
350-U Gas or Dsl.	2200	2640
H, Su H	1864	2237
M, Su M, W-6, Gas or Dsl.	1600	1920
400, 450 Gas or Dsl.	1600	1920
460, 560	1981	2377
660	2638	3165
W-9, WD 9	1650	1980
W-40, WK-40	1925	2310

**Tractor**

<b>FORD</b>	<b>STD</b>	<b>20%</b>
8N	2330	2796
9N	2200	2640
600, 700, 800, 900, 940, 960	2250	2700
650, 750, 950	2450	2940
Ford SN Major Dsl	1900	2280
<b>JOHN DEERE</b>	<b>STD</b>	<b>20%</b>
A, G, 60, 70-G	1115	1338
B, 50	1375	1650
D	980	1176
R, 70-D, 620, 630	1250	1500
720, 730 820, 830		
40, 420	2025	2430
M, MT	1925	2310
<b>MASSEY HARRIS</b>	<b>STD</b>	<b>20%</b>
33, 333, 444	1700	2040
44, 44-S, 55	1500	1800
101-JR (4 Cyl), 22, 30	2050	2460
101-SR (6 Cyl)	1980	2376
Su 95	1740	2088
50	2200	2640
<b>MINN. MO</b>	<b>STD</b>	<b>20%</b>
R, Z, 5-Star, GBD	1650	1980
U, UB, G	1430	1716
GVI	1740	2088
445 Gas	1700	2040
445 Dsl.	1925	2310
<b>OLIVER</b>	<b>STD</b>	<b>20%</b>
60	1650	1980
70	1640	1968
80, 99 (4 Cyl)	1300	1560
Su 55, Su 66	2200	2640
66, 77, 88, Super 77 or 88	1750	2100
99-GM	1840	2208
770, 880	1950	2340
H-P 28-44	1250	1500
<b>WARDS</b>	<b>STD</b>	<b>20%</b>
Custom	2075	2490

\* This chart has been adapted from the National Antique Tractor Pullers Association

\*\* For newer tractors, standard will be based off of Nebraska Tractor Test Results

### Montour Antique Farm Machinery Collector's Association Tractor Pulling Committee: Gus Jones (Chair)

Gus Jones, Ken Cotner Jr., Paul Wertz, John Esenwein, Chris Fry, Mike Shultz, Marr Woodruff, Michael Woodruff

### 2017 Pulling Dates

April 29 (Danville FFA Benefit classes)  
 May 27 (Frank Cotner Jr. Scholarship classes)  
 June (NO PULL)

### July 15 – Night Pull

4500, 5500, 6500, 7500 classes.  
 15.5x38 or 16.9x34 tire limit. Any cut and  
 NON-cut classes. (Not a regular pull)  
 Payback. 4:00PM start time

July 31-Aug 5 (Montour Delong Fair – no club pull)  
 Sept. 1 – Sept. 3 – Annual MAFMCA show