

# **MAFMCA 2009 TRACTOR PULL RULES AND GENERAL INFORMATION:**

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

1. Driver must be 14 years of age or older (Super Stock & Classic classes 16 years old).  
\*14-15 year olds must have a safe driving certificate – MAFMCA sponsors a course.
2. Those under 18 years of age must have written parental/guardian permission for each pull.
3. Any tractor or driver found to be unsafe or illegal will be disqualified or barred from hooking.
4. 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.
5. Any part falling off of the tractor after being hooked and until the tractor is unhooked will result in disqualification.
6. The Rules Committee will interpret all rules. The Rules Committee will rule on any unforeseen problems or oversights with their decisions being final.
7. Tractors will be limited to entry in 3 classes.
8. A tractor can be entered only once in each class.
9. Entry fee is \$5.00 per tractor class. You must also be a dues-paid MAFMCA member to pull.
10. Registration is closed when that class starts.
11. All pulls will be started from a tight hitch.
12. Two starts will be given for changing gears or weights within 75 feet. The sled may not be reset for pace classes at the discretion of the track officials.
13. Tractor must stay within boundaries of the course.
14. Pull is complete when forward motion of the weight sled stops.
15. A limit of 2 minutes to start your pull when called *may* be implemented by track officials.
16. Tractors leaking uncontrolled excess fluid on the track prior to the green flag will not be permitted to pull.
17. **Any year tractor will be permitted to pull. (\*\*NEW 2009 – not restricted to just antiques)**
18. 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.
19. No chains or dual wheels permitted, and 4 wheel drive tractors must have front wheels disengaged.
20. Pulling will be done from a stationary (in all directions) drawbar; fast hitches must be locked out.
21. All tractors running with a stroked crank must have side shields from radiator to bell housing.
22. The only fuels permitted are gasoline, diesel, kerosene and LP gas.
23. Awards will be given at the annual MAFMCA Member banquet to the top 3 points tractors in each class
  - Tractors must pull the same class in at least 4 pulls per year to be eligible for an award
  - 5 points are awarded for each class that you hook to the sled, plus 1 point for each tractor that you beat in the class.
  - Points are awarded to the tractor, not to the driver.
24. **ANY TRACTOR IN ANY CLASS RUNNING 20% OR MORE OVER STOCK RPM'S IS REQUIRED TO HAVE A SCATTER BLANKET AT THE BELLHOUSING(or proof of a steel flywheel) AND SIDESHIELDS FROM THE RADIATOR TO THE BELLHOUSING. For external flywheels(ie. 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 pace classes: 3,250; 4,000; 5,000; 6,000; 7,000; 8,000; 9,000; 11,000; 13,000**

**Stock non-pace classes: 2,750; 3,750; 4,500; 5,500; 6,500; 7,500; 8,500; 10,000; 12,000; 14,000.**

**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 sizes same as non-cut tire classes (Div. 2)
  - b. Non-Turbo
  - c. Pace and non-pace classes by weight
- 2. Non-cut Tires**
  - a. New or road worn only.
  - b. *The intention of this class is to have a place for farm and show tractors with factory engine rebuild kits to have a place to compete with similar tractors. The class is designed for tractors that would be able to be used in the field all day as a farm tractor if needed!!*
  - c. Non-Turbo
  - d. Pace and non-pace classes by weight
- 3. Cut Tires**
  - a. Tapering of cleat only - no cutting in front of cleat. \*\*
  - b. **15.5x38 max tire size from 2750-6500 pounds. Heavier classes follow chart below.**
  - c. *This is a class is for tractors that have larger than stock bore, stroked crankshafts, combine engines, and/or engines that run excessive RPM's to find a place to pull against similar tractors.*
  - d. Non-Turbo
  - e. Pace and non-pace classes by weight
- 4. Turbo**
  - a. *Stock turbo and injection pump for tractor being entered (\*\*new 2009)*
  - b. *Uncut tire (\*\*new 2009)*
  - c. *Designed for newer & larger tractors that were factory equipped with a turbocharger. Tractors that have been "hopped up" for pulling and couldn't be farmed with belong in division 6 on page 3!*
  - d. *Classes and tire sizes are the same as the divisions 1-3 with the same pace and non-pace classes. Anything with a turbo that fits the tire sizes will be in this class – you can't pull in divisions 1-3 above with a turbo.*
  - e. Pace and non-pace classes by weight

**\*Drivers choose their class for the stock classes based on the "honor system." Please choose the class that not only fits your tire selection, but also fits within the intentions of the classes as noted above. If the "hot" tractors do not voluntarily pull where they belong (cut tire class) the committee is willing to consider other rules in the future if needed to help tractors find the correct class.**

#### **26. Stock classes (divisions 1-4) have the following weight classes and tire size and limitations:**

**2750 pound non-pace**  
12.4x38, 11x38 (Old numbering system)

**7000 lb. pace, 7500 lb. non-pace**  
**8000 lb. pace, 8500 lb. non-pace**  
16.9x38, 15x38 (old system)

**3250 lb. pace, 3750 lb. non-pace**  
**4000 lb. pace, 4500 lb. non-pace**  
13.6x38; 12 x 38 (Old system)

**9000 lb. pace, 10000 lb. non-pace**  
**11000 lb. pace**  
18.4x38

**5000 lb. pace, 5500 non-pace**  
**6000 lb. pace, 6500 non-pace**  
15.5x38, 13x38 (old system)

**12,000 lb. non-pace, 13000 lb. pace,**  
**14,000 lb. non-pace (\*\* Note 2009 changes)**  
20.8x38

27. When smaller diameter tire is used you may use one width larger size (one time only). **To accommodate newer tractors, 42" diameter tires can be used with the same width restrictions as 38" tires. This will be reevaluated at the end of the season.**
28. Drawbar must be minimum length of 24" from center of axle to point of hook, parallel to the ground and 18" from the top of hitching device to the ground
29. Drawbar must be equipped with a clevis or hitching device not more than 1" thick, **and not less than 1/2" thick (\*\*new 2009).** 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.
30. 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 of the ground in heaviest class pulled.
31. Engine must be agricultural or industrial type engine for all stock tractors.
32. Exhaust pipe must extend above steering wheel except for stock rear/side exhaust system.
33. Pace classes will be paced at 3 mph. Double - tree will be paced and Powder Puff will have a 2nd gear limit.

## **SPECIFIC RULES FOR “SUPER STOCK” and “CLASSIC” CLASSES:**

**Super Stock classes: 5,500; 6,500; 7,500; 8,500; 10,000; 11,000; 12,000.**

**Classic classes: 6,000; 6,500; 7,000.**

**34. Super Stock and Classic classes will have these divisions. All classes are non-pace.**

- 5. Super Stock Non-Turbo**
  - a. Ag or industrial engine
  - b. Naturally Aspirated engines only
- 6. Super stock Turbo**
  - a. Ag or industrial engine
  - b. 3" turbo inlet maximum
- 7. Classic**
  - a. Automotive type engine
  - b. Naturally Aspirated

**35. Super Stock and Classic (divisions 5-7) have the following weight classes and tire size and limitations:**

**5500, 6500, 7500, 8500 Super stock classes (both turbo and non-turbo classes)**

18.4x38, 20.8x34 tire size

**6000, 6500, 7000 classic classes**

18.4x38, 20.8x34 tire size

**10000, 11,000, 12000 Super Stock classes (turbo only)**

20.8x38, 23.1x34 tire size

|   |
|---|
| <p style="text-align: center;"><i>Any cut is allowed on<br/>tires in Super Stock and Classic classes<br/>– front, V-cuts, double cuts, etc.</i></p> |
|---|

36. 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.
37. 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.
38. Super Stock & Classic tractors must have fenders with no sharp edges or corners.
39. Super Stock & Classic tractors must have a kill switch.
40. Engine must be agricultural or industrial type engine for all Super Stock tractors. Automotive type engine for Classic tractors.
41. Super Stock & Classic tractors must have wheelie bars that extend 5" beyond radius of rear tires and no more than 10" above the ground.
42. Stock and Super Stock 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.
43. Super Stock & Classic tractors must have a fire extinguisher reachable from seat.
44. All Super Stock tractors must have side shields from radiator to bell housing
45. *ALL “SUPER STOCK” and “CLASSIC” TRACTORS MUST BE EQUIPED WITH A DEADMAN’S THROTTLE WITH DOUBLE SPRINGS.*

## **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.**

**\*\*For the April 25, 2009 FFA Benefit Pull ONLY front cut tires will be allowed in the Cut Tire classes and will pull for ribbons ONLY. Points will be awarded for the April pull as though tractors with front cut tires did not pull in the class. There has been interest from pullers from outside of our local area who are interested in attending the pull to support the FFA chapter, but can't fit within our tapered cleat only tire rules. This will have no impact on the season's point race for our local tractors.**

## 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:

|                |                |               |                  |                  |
|----------------|----------------|---------------|------------------|------------------|
| Tim Carr       | Brian Bickhart | Paul Wertz    | Frank Cotner Jr. | Frank Cotner Sr. |
| Ken Cotner Jr. | Gene Crossley  | John Esenwein | Dean Woodruff    | Michael Woodruff |

#### Tentative 2009 Pulling Dates

April 25  
 May 30  
 June 27  
 July 25

July 25  
 August (Montour Delong Fair Dates – no club pull)  
 September 4-6 – annual MAFMCA show  
 October 10 – rain make-up date for any MAFMCA pulls