Division IV6 **NATPA Pulling Rules**

Effective until 4/2027

Tractors 1959 and older or production models that started in 1959

Classes: 3500,4000, 4500, 5000, 5500, 6000 & 6500

Division IV will be designated PURPLE in the NATPA Color Code System

1. **GENERAL RULES:** See general rules that apply to all tractors.

2. **AGE:** Those under 18 years of age must have written parental/guardian permission and be able to pass a driver's test provided and administered by a NATPA Board of Trustee or Safety Tech Official.

3. **SAFETY:** All tractors must have a working safety kill switch.

4. **DRAW BAR:** Draw bars must not exceed 20 inches in height or be less than 18 inches from center of axle to hooking point. No part of draw bar may extend rearward beyond point of hook. Draw bars must be stationary in all directions. No clevises. Top of hitch adjuster cannot be above center line of axle or hub. (This wording added as per safety committee on 7/30/03)

5. **WEIGHTS:** Weights must not extend rearward beyond rear tires and cannot be more than 11 feet from the center of the rear axle to the furthest point forward.

6. **TIRES AND RIMS:** Maximum tire size - 18.4 X 38; any rim width. No radial tires. No steel wheels. Two-wheel drive only. No duals. Any cut allowed on tires. No purpose built pulling or non-agricultural tires will be allowed.

7. **RPM's:** RPM's allowed will be determined by the NATPA RPM Chart. Any tractor not listed will use manufacturer's data. A 20% margin of error will be permitted. All tractors to have positive throttle stops with a working governor in the stock location.

8. **SPEED:** 6 mph speed limit. Shifting of TA's allowed. Position of the traffic cone will be left to Promotors discretion depending on the length of the track and will be used as the mark to stop the tractor if driver wishes to restart pull.

9. **FUEL/ENHANCEMENTS:** Tractors manufactured to use diesel fuel only cannot be converted to gas or LP. Tractors must be naturally aspirated. No turbos or blowers - except Oliver 99GM, etc.

10. **ENGINE/CHASSIS:** Tractors must have the stock engine, frames, transmission, rear end and axle housings or manufacturer's replacement **for make and model of tractor being pulled.** Stock heads and their replacements are to remain unchanged in outside appearance. Oliver 88/Su88/880 models only are allowed – (7) main blocks; (12) port heads & blocks 1600 – 1800 series. Waukesha 1100/GK series heads and blocks. AC - WC/WD/WD45 can use D-17 engine; IH/Farmall - H, SH, 300, 350; M, SM, SMTA, 400, 450 engines. JD -A/B/G/50/60/70 can use TSC Power Blocks. M-M 800 or 800 HD heads or blocks are allowed. The taller M-M "G" & 605 blocks are allowed on all M-M models. Co-op E4 & E5 and Cockshutt 40 & 50 can use Hercules 298, 339, and/or 3400 engines. Dual exhaust not allowed except after stock manifold. Heads that bolt on without modification from the same manufacture with the same length and width and the same number of cylinders is allowed if not stated above.

11. **ELECTRICAL:** Enhanced electrical systems permitted in all classes. Rev limiters are allowed.

12. **CARBURETOR/MANIFOLD**: Number of barrels, throats, venturi, etc., must be that of the manufacturer for that make and model of tractor. Exception: John Deere tractors may run can run updated replacement manifolds permitted. (duplex) heads, manifolds and carburetors. Heisler, Johnson and other aftermarket production (replacement) parts are also allowed that bolt on without modification for that make and model of tractor. Tractors are allowed to use updraft intake and exhaust header.

13. **DECK PLATE:** No increased height in any tractors (i.e.: deck plates, shims) except for stock gasket (see MM "G" blocks in #10).

14. **TRACTOR WEIGHT CLASSES**: Oliver- 66, S66, 660 & below series; Farmall – H thru 350 & below series; AC - WC, WD & below series; Ford - 600, 800, 900 series and below, Cockshutt-30; Massey - 30 and 20 series & below; JD – B thru 530 and M thru 430 series and below; MM R thru 335 and below or like size tractors **ARE** allowed in classes below 3500#. Massey 33, 333; Oliver 77, S77, 770; JD- A thru 630 and below; McCormick & Farmall 10-20, F-20; MM – Z thru 4Star and like size tractors are **NOT** allowed in classes below 3750#. Oliver 88, S88, 880; Farmall M thru 450 & 460, 560; Massey 44 thru 444; MM-U thru 5Star; JD-G thru 730; Case-C/D thru 800 and up and like series tractors are **NOT** allowed in classes below 4250#. Massey 55 thru 555; IH W9 thru 650/660, WK-40; Case – LA, 600, 900; Moline GB, Moline GBD, GVI; Oliver 28-44 thru 995; AC - A and all like size tractors are **NOT** allowed below 5000# weight classes.

15. **THROTTLE:** Tractor must have a dead man's throttle. (Exception to the rule is a tractor factory equipped with a hand clutch). All tractors must have a positive throttle stop.

16. **GOVERNOR:** Tractor must have a fully functional and operational/working governor.

17. **FENDERS:** All Div. IV tractors must have fenders. Fenders must be as high as the tallest part of the rear tire and must support the weight of the driver.

18. **SEAT: It is mandatory that the tractor be equipped with a high back seat measuring no less than 7 inches from the base of the seat. (Added as per board meeting of 4/07/17.)**