Division V+ NATPA Pulling Rules

Effective until 04/2029

Tractors 1961 and Older

Classes: 3750, 4000, 4250, 4500, 4750, 5000, 5500, 6000 lbs.

Division V+ will be designated RED in the NATPA color code system.

1. **GENERAL RULES -** See NATPA 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 kill switch, wheelie bars, and engine side shields. (Side shields Allowed - Factory equipment or made of (aluminum, lexan or steel materials). Ladder bars and wide front ends are highly recommended. Steel flywheels are also highly recommended. All DIV. V+ tractors will have a 3/8-inch steel plate over the flywheel and clutch housing and or an approved scatter safety blanket may be used. John Deere horizontal two-cylinder production tractors must have an enhanced safety shield covering over the complete flywheel. (NATPA Boards discretion). Roll bars & cages are allowed but not required. An approved SFI certified safety blanket is required in Division V+. The installation and fastening method will secure the blanket in place to sustain fragment containment in case of an explosion.

4. **DRAWBAR -** Draw bar 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.

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 & RIMS -** Tire size maximum 18.4 X 38. Any rim width. No radial tires. Any cut allowed on tires.

7. **RPM's -** A maximum RPM allowed will be determined by the NATPA RPM chart: 6 - Cylinders can run up to 3000 rpm. 4 - Cylinders can run up to 2500 rpm unless 30% over stock rpm for that make and model is more than 2500 rpm. 2 - Cylinders can run up to 1800 rpm or 30% over stock rpm for that make and model is more than 1800 rpm. Tractors are required to have a Tattle Tale Memory Tachometer. The NATPA reserves the right to check rpms with a hand-held tach at any time.

8. **SPEED -** Any Gear; **12 mph** maximum speed limit. Shifting of T/A's is allowed. The 50' marker will also be used as the mark to stop the tractor if driver wishes to restart pull.

9. **MOTOR ENHANCEMENT -** Turbos, Superchargers (unless factory equipment) and Nitrous are NOT allowed.

10. **ENGINE/MOTOR -** Any engine/motor recognized from the same manufacturer/company of that tractor that bolts in with the same number of cylinders with the same cylinder configuration as the tractor model being pulled is allowed. No V-6 or V-8 engine/motors allowed.

11. **CHASSIS -** Transmission and rear-end must be of the same manufacturer/company as the tractor being pulled. Front axles must be safe, sturdy and similar to a factory-stock wheel base.

12. **CARBURETOR & MANIFOLD -** Any single updraft agricultural type carburetor is allowed. Homemade or reproduction intake and exhaust pipes and manifolds are allowed.

13. **GIRDLE/DECK PLATES -** Any integral plates, girdles or reinforcement devices that enhance the engine rigidity and improve safety will be allowed.

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

15. **GOVERNOR -** Tractor must have a fully functional and operational/working governor or a Rev-Limiter.

16. **FENDERS -** Tractor must have fenders. The fenders must be as high as the tallest part of the rear tire and must support the weight of the driver.

17. **SEAT -** It is required that the tractor be equipped with a high back seat at least 7 inches tall from the base of the seat cushion.

18. **ELECTRIC SYSTEMS -** Enhanced electrical systems are allowed. Ignition box (MSD Box), coils or chips are allowed.