

SECTION VIII

Super Farm Tractor Rules

This is strictly a diesel class only

1. All engine blocks must remain in original location as intended by the manufacturer. Sheet Metal to be stock length and location must be stock appearing.
2. Tractors must have grill and hood in place as intended by manufacturer.
3. Tractors must have stock block, agricultural type block, OEM replacement block. No automotive blocks permitted. Maximum of 8 cylinders permitted.
4. Maximum wheelbase is 114" and a maximum length is 13 feet from the center of the rear axle to forward most part of the tractor.
5. All turbocharged engines on Super Stock Tractors will have one cable totally surrounding the engine block and head. The cable will consist of 3/8-inch diameter and located between the first and second cylinders. Cable must pass through the manifold areas. Cable will have four (4) to six (6) inches of slack. There will be a minimum of two (2) clamps at all splices.
6. A deflection shield between driver and engine from top of hood and top of transmission housing or clutch housing is required. Deflection shield will go from side shield to side shield. This will help provide a barrier during a flash fire.
7. All tractor engines are required to shield all rotating mass mounted on the front of the crankshaft. Shield to be frame rail to frame rail by a minimum 0.125 aluminum or steel fastened to the frame on each side by two evenly spaced bolts. (3/8-inch Grade 5 minimum).
8. All tractors are required to have an approved bell housing blanket that meets the following specifications: 20 ply ballistic nylon or 20 ply Kevlar style 713 betting construction. At least seventeen (17) inches wide and long enough around the bell housing with six (6) inches of overlap, secured with a two (2) inch wide nylon web straps, with a steel "D" ring on one end and sewn the length of the blanket, except overlap area and long enough to pass back through the "D" ring and to be tied in a saddle cinch and with four (4) two-inch nylon webs retaining strips, each at the front and back of blanket.
9. No four-wheel drive tractors will be permitted.
10. All tractors with a competition weight of 7,000 pounds to 10,000 pounds will require a 47.1 SFI rollover protection.
11. Maximum weight permitted 8,500 pounds.
12. Maximum cubic inch limit is 466.
13. Maximum tire size is 24.5 X 32. Cut tires permitted. Radial tires permitted.
14. OEM stock head for that model or series engine permitted.
15. Components are not permitted.
16. OEM rear-end, transmission, engine must be in stock location, bolted and secured to OEM chassis.
17. Engine cannot move independent or rear-end/transmission housing(s).

18. Stock transmission housing or manufacturer's replacement and stock final drive housings or manufacturer's replacement.
19. Chassis and frame must remain stock from rear of engine block to rear of tractor.
20. Tie bars are mandatory or full frame must be mounted rigid to engine, transmission, and final drive housings.
21. OEM stock intake and exhaust manifolds for that model or series engine permitted.
22. Water injection permitted.
23. No precooling for after cooling of intake air allowed, no ice allowed on pulling vehicles.
24. Overhead cams are not permitted.
25. Fuel Systems: Up to P7100 series pump allowed (2 5/8 inch" W x 9 9/16" L x 8 3/16" H main pump body), only one plunger per cylinder. Diesel and bio-diesel only. No electronically controlled fuel systems allowed.

Turbos:

11a. Exhaust housing and exhaust manifold bolt pattern shall be no larger than 2.75 X 3.50 inches.

11b. Turbine wheel must protrude into housings.

Intake: Intake housing to be no larger than 3.0 inches at the face of the wheel. No secondary air slots permitted or mwe groove.

Exhaust: All turbine wheel blades to protrude into three inch bore. All air must exit through 3" opening. Turbine housing to be no larger than three inches at intersection of turbine wheel face and tip diameter. Exhaust housing will be measured at intersection of turbine wheel face and tip diameter. Wheel fins must protrude into housings and have same number of fins on both wheels. No waste gates will be permitted.