

Limited Pro Stock Diesel

1100 lbs & 1200 lbs

Driver Eligibility:

1. General Rules apply.
2. Drivers must be at least 16 years old and capable of operating the tractor in a safe manner.
3. Helmet face shield or goggles required, fire suit having a minimum single layer rating of SFI 3.2A-1, and closed toe shoes REQUIRED. Hood sock and gloves are recommended.
4. A tractor may be entered only once per class.
5. A limited pro stock diesel tractor competing in the limited pro stock diesel class cannot move up a class in the same event.

Engine/ Chassis:

6. Engine must be commercially produced with at least 1000 units built. Engines may be no more than 3 cylinders. May be liquid or air cooled. Engine block must have factory casting model and serial numbers visible and not ground off. Ag or industrial engines only; no automotive or motorcycle engines. No cut down 4 cylinder engines allowed.
7. Engine will be no more than 70 cubic inches. This is based on the factory casting numbers. No sleeving down or de-stroking larger engines.
8. Water injection will be allowed. Must be plain water only. Combustible agents (alcohol, oxygenators) are NOT allowed in water injection. Soluble oil Lube additives are permitted.
9. Engine modifications are permitted- rods, pistons, cams, fuel system.
10. Engine must have OEM intake manifolds and exhaust manifolds, polishing is permitted. No tube headers or intakes.
11. Head work is permitted on OEM heads. No Billet heads. No overhead cams. Must be indirect injection. No converting from indirect to direct. Injectors must remain in stock location.
12. Injector and injector pump modifications allowed. No Billet injector pumps.
13. Must be "Cam Box" or "PFR" injection pump. No electronic or common rail injection systems.
14. Turbo charging is permitted, but limited to a single turbo only. Turbo will be fitted with a shut down guillotine on the compressor inlet side of the turbo. Exhaust "L" of turbo must have minimum of 5/16" cross in elbow with exhaust to discharge vertically.

15. Electric fuel supply pump is permitted with positive power wire to have shut off disconnect at rear of tractor.
16. No propane, nitrous injection or any type of secondary fuel system of any kind will be permitted.
17. All tractors must be compression ignition and use diesel fuel only. No spark plugs or alcohol as a fuel. Diesel fuel must be NTPA or NQS legal.
18. Stock frames, stock appearing frame rails, and tube frames are permitted. Tube frames must be covered with sheet metal .56" wheelbase maximum.
19. This class is for stock appearing tractors with full hood, grill and side shields. Must be recognizable as a actual modern production garden tractor or small farm tractor. Hood and grill can be from a different make than frame/read end. Has to look like a tractor.
20. Must use garden tractor drive line components, modifications are allowed. Internal gears, front reduction housing and planetaries are allowed. No cut down automotive rear ends.
21. Full metal side shields to cover area minimum 16 gauge steel or 14 gauge aluminum.
22. Must run 5/16" cable round oil pan over top of valve cover in a complete circle connected with (2) cable clamps.
23. Must run billet steel flywheel.
24. Clutch assembly and flywheel must be surrounded 360 degrees with 1/8" steel or 3/16" aluminum. This is also to include cast iron front balancer pulleys. SFI approved front dampers need not be shielded.
25. Kill switch device mounted on rear of tractor must disconnect power to electric fuel pump along with activating turbo guillotine.
26. No belt driven cooling fans. Electric fans only.
27. Intercoolers and ice boxes are not permitted.