

LIGHT PRO/LIMITED PRO TRACTORS

1. All tractors will be required to have a 47.1 SFI Spec. roll-over protection.
2. All Lt Pro Stock/Limited Pro Stock/Mod Turbo Tractors are allowed a maximum tire size of 24.5x32.
3. All Lt Pro Stock/Limited Pro Stock/Mod Turbo tractors must utilize an OEM (Ag Chassis) tractor chassis. Component tractors are allowed for Light Pro.
4. Only mechanical activated clutches permitted.
5. Cast or manufactured cylinder head will be accepted. Cylinder head must retain OEM length and width for the engine application. Valves must remain OEM angle for engine application. No overhead cams allowed. Maximum 2 valves per cylinder.
6. OEM replacement blocks permitted. Must have USA East approval.
7. Any tractor using a deck plate must be cube checked prior to the 1st day that the tractor is entered into competition by a certified official and at the full cost to the owner of the tractor. This may not be done on the same calendar day as competition!!
8. All Lt Pro Stock/Limited Pro Stock/Mod Turbo Tractors must have a shield between driver and tire to consist of a solid barrier between driver and any part of the rear tires, sufficient to support the weight of the driver. The barrier must be a minimum of 6" inches from the vertical out over the tire configured as the tire.
9. A deflection shield between driver and engine from top of hood to top of torque or transmission housing or clutch housing is required. Deflection shield must go from side shield to side shield. This also provides a ash re barrier.
10. Diesel is the only approved fuel – use of ALCOHOL is strictly prohibited in either the fuel or the water injection. Each tractor is subject to both fuel and water sampling at each event. Failure to submit to immediate testing will result in disqualification from that event and barring from competition for the remainder of the season.
11. No sigma pumps OR MW pumps are permitted. Fuel injection pumps may not be girdled.
12. All rules in the general rules section also cover Lt Pro Stock/Limited Pro Stock/Mod Turbo, unless otherwise stated.

LIGHT PRO STOCK TRACTORS

1. All OEM chassis rules including shielding, safety, & SFI requirements, apply to this class plus the following rules.
2. Maximum tire size not to exceed 24.5x32.
3. Component Tractors to weigh 8500#. Cast iron rear-end tractors 8700#.
4. No engine larger than 540 cid. OEM replacement blocks permitted. Must have approval.
5. Cast or manufactured cylinder head will be accepted. Cylinder head must retain OEM length and width for the engine application. Valves must remain OEM angle for engine application. No overhead cams allowed. Maximum 2 valves per cylinder.
6. Diesel fuel only. P-7100 injection pump is the largest allowed. (2-5/8"W X 9-9/16" L X 8-3/16" H main pump body) Only one plunger per cylinder allowed. No billet housings.
7. Turbo: All exhaust will exit through a 4.5" opening in the exhaust housing. Exhaust wheel must protrude 1/8th inch. inside bore. Maximum inlet size is 5.00".
8. No inner/after coolers allowed. No CO2 or any other means of cooling the air in the piping or manifold. No ice filled or ice cooled devices on board tractor of any kind. All engine air must enter the inlet of the turbo at ambient air temp & humidity. Inlet air may not be drawn through or across any type of cooling device.

LIMITED PRO STOCK

1. Maximum weight permitted 9500#
2. Maximum cubic inch limit is 640. Maximum of 8 cylinders permitted. OEM aftermarket replacement blocks permitted. PPL approved OEM aftermarket replacement blocks can be steel or aluminum.
3. The only acceptable fuel is diesel
4. The turbocharger is smooth-faced intake housing, limited to a 4.1" inlet, (no map ring) with all air entering through the 4.1" opening. Intake wheel must protrude 1/8th inch inside of opening.
5. All exhaust will exit through a 4.5" opening in the exhaust housing. Exhaust wheel must protrude 1/8th inch inside of opening.
6. No waste gates permitted.
7. No air cooling devices in any manner permitted. 8. Maximum size injection pump is a P-7100 series pump allowed (2-5/8"W X 9-9/16" L X 8-3/16"H main pump body) only one plunger per cylinder. No billet housings.
9. Component chassis are not acceptable.

10. No overhead cams permitted. Outside of cylinder head must keep OEM length and width dimensions. Valves must retain OEM angle. Must retain a single manifold to the side of cylinder head. Manifold mounting surface must be 90 degrees to cylinder head/block mounting surface. Maximum of 34 2 valves per cylinder and OEM valve angle and configuration must be retained.
11. Aftermarket manifolds are allowed and must bolt in original port bolt pattern.
12. Deck plates are allowed with a maximum thickness of 1.00”.
13. No overhead-cams permitted.
14. Maximum tire size is 24.5” X 32”.

MOD TURBO TRACTORS

1. Mod Turbo Tractors will compete at a maximum weight of 9,000 lbs.
2. 540 cubic inch maximum
3. Tractors are allowed a single (1) turbocharger with any manifold modifications necessary to mount the turbo charger.
4. Limited Pro Stock turbocharger, G-Trim Max on Exhaust Side of Turbo (Limited to 4.5” Outlet I.D.)
5. Manifold pressure may be a single stage only.
6. ‘A’ PUMP: Only one plunger per cylinder and one injector per cylinder are permitted. All ‘A’ pumps must be derived from the German Bosch design. Pumps must maintain stock dimensions.
7. Legality of the injector pump by officials is based on the visual inspection of the outside housing and not the inner workings of the injector pump.
8. No inner/after coolers allowed. No CO2 or any other means of cooling the air in the piping or manifold. No ice filled or ice cooled devices onboard tractor of any kind. All engine air must enter the inlet of the turbo at ambient air temp & humidity. Inlet air may not be drawn through or across any type of cooling device.