

### **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 PROHIBITED!
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. Limited Pro Stock Tractors will compete at a maximum weight of 8,500 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. 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".
5. Manifold pressure may be a single stage only.
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. 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.

### **LIMITED PRO STOCK**

1. Limited Pro Stock Tractors will compete at a maximum weight of 9,000 lbs.
2. 640 cubic inch maximum
3. Tractors are allowed a single (1) turbocharger with any manifold modifications necessary to mount the turbo charger.
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. Manifold pressure may be a single stage only.
7. 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
8. 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.
9. 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.

## **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.