

## **8500-Limited Super Farm**

### **BODY**

1. Stock appearing tractors- chassis, fenders, and sheet metal.
2. Tube frames and rack and pinion steering allowed.
3. Steel flywheel and safety blanket required.
4. Wheelie bars must be able to support the weight of the tractor and extend 2'' beyond the radius of the rear tires with squared off frame on rear of bars and be no more than 10'' above the ground.
5. Wheelbase is to be a maximum distance of 114'' unless originally produced by manufacturer, at which point the wheelbase will remain stock. Overall length not to exceed 13' from center of rear axle to farthest point forward. Not including front tow hook.
6. Roll cage with 5-point harness.
7. Engine side shields are required. .060'' thick for steel or .090'' thick if aluminum. Must bolt to frame and cover the side of the engine from front to back. This is not the outside side sheet metal.
8. Wide front tires must ride in the track of the rear tires, no narrow front ends.
9. Ladder bars are required.
10. Homemade front ends allowed but will be subject to safety inspection by a Pullers Inc. tech official for approval.
11. Stock transmission or OEM replacement transmission must be externally stock appearing. Aftermarket gearboxes allowed.

### **ENGINE**

1. Any engine with a maximum of 470ci with a plus or minus of 1% variance / no deck plates allowed.
2. All tractors will be pump tested for displacement and then the oil pan will be tagged and sealed, if not done before the first pull it must be completed before any prize money or points are awarded.
3. Testing of tractors will be done at each event. Three pullers will be chosen at random at the conclusion of registration by the registration person or head tech official. These 3 tractors will be tested for either water, turbo size or fuel immediately after the class is done pulling. Water must freeze consistently after 4 hours in the freezer against a clean standard sample of water. Fuel should not burn when ignited with a lighter. Turbo intake with a 3.050'' slug. If any criteria not met, puller is disqualified for that pull with no money or points awarded.
4. Tractors must have OEM cylinder head, intake manifold and exhaust manifold for that model series engine.
5. Intercooler, after coolers or any cooling devices for the air or fuel not allowed.
6. P-pumps allowed (P 7100 max pump). Maximum pump size 13mm.

7. Only one turbo allowed. Turbo is checked, certified, and then sealed.
8. Smooth bore intake turbo with 3.00" bore max. Compressor wheel must protrude into the housing and diameter measured at the face of the wheel. Maximum outlet diameter is 4.00" also measured at the face of the wheel.
9. Diesel fuel only. Must have valve in line between tank and pump to be able to extract fuel sample for testing.
10. Water injection allowed with lubricant (Water-soluble oil). Random water samples will be checked. Illegal water is grounds for disqualification. Tractors required to have a drain valve or petcock to take a test water sample from the water injection system. Have the valve tee into the same line that feeds the water injection pump. If the valve is mounted in a remote location with a hose or line, be able to show tech official the line came from the same line that feeds the pump.
11. No alcohol, propane or nitrous oxide injections.
12. Any tractors running with different clubs that may allow intercoolers will be subject to inspection at every pull to verify intercooler is disconnected.
13. An air shut off cable connection required on the rear of the tractor, mounted on same vertical plane as hitch point. A 2" diameter ring and tested before the first pull.
14. A means of shutting off the air inlet supply from the driver's seat is required.
15. A fuel dump valve is required and able to open from the driver's seat.
16. Throttle must be spring loaded and return to idle position when released.
18. Exhaust pipe must have (2) 3/8 minimum cross bolts in the vertical portion of exhaust pipe, no rain caps or curved exhaust. Must exit straight up.
19. Electric fans are mandatory for safety.
20. No headers or custom intake manifolds.
21. Intake crossover pipe cannot exceed 3.5" outside diameter. It cannot have any cooling fin tubes or large can before the intake or any part of the crossover.

#### **HITCH**

1. Hitch height is 20" max as measured from the ground; hitching eye must be a minimum of 1" thickness with a 3" inside diameter hole.
2. No 3rd link hitch support.
3. No floating drawbars. Drawbars must be rigid in all directions.

#### **TIRES**

1. Maximum tire size of 24.5 x 32, 210" maximum circumference at 10 P.S.I. Double cut tires allowed.

**Weight**

1. 8,500 max weight limit.
2. All tractors will cross the scale at every pull to line-up before the class starts.
3. All tractors certified at the first pull of the season. A three-tractor average used for future certification. Certified weights will be recorded by tech officials.

All vehicles must comply with Organization, General Rules and Section II 30 when applicable.