

## **Altered Farm Tractor - 10,500 lbs and 8,500 lbs**

## **AF - vehicle designation**

### **Hitch & Chassis:**

1. 20" hitch height ; 18" from the center of the axle to the hook point.
2. No tube frame or component chassis, factory agriculture frame and rear end housing only.
3. Homemade front axles are allowed as long as the rear wheels trail in the same track as the front wheels; no narrow front ends, factory or otherwise.
4. 10" wheelie bars required.
5. No longer than 156" from center of rear axle to front most point of the tractor (homemade front weight brackets allowed as long as in line with the total length requirement of 156").
6. DEAD MAN THROTTLE REQUIRED.

### **Engine:**

7. Water injection allowed (water must freeze within 2 hours). No other injectable of any kind allowed.
8. Factory agricultural style intercooler and intake allowed but must run through factory ports in block or be blocked off completely (no aftermarket intercoolers). If water injected, no intercooler is allowed.
9. 3LM or S300 turbo only.
10. 505 cubic inch maximum.
11. 3000 RPM limit.

### **Fuel:**

12. Diesel fuel only. No pressurized fuel tanks.
13. Any P-Pump or smaller inline, and any factory pump is allowed. No "Sigma" style, or other aftermarket housings.
  - a. Any electric or engine driven "pusher" pump is allowed.

### **Tires:**

14. 20.8-38 or 18.4-42 tires (cut tires allowed).

### **Safety:**

15. Steel flywheel (or scatter blanket).
16. Rollover protection and seatbelt are required (factory ROPS or three bar style cage).
17. Air shutoff with pull cable mounted near the hitch at the back of the tractor.
18. Two  $\frac{3}{8}$ " diameter bolts must be installed through the exhaust pipe in a cross pattern within as close to the turbo as practical.

**All vehicles and pullers must comply with the association's general rules.**

**MPA Officials have final say on all rulings and decisions.**