

2023 2.4 Altered Farm Tractors

General Rules:

- 1) Weight 10,000# Double Cut Tires or 10,500# Top Cut Tires
- 2) NO Speed Limit
- 3) 3000rpm limit
- 4) 20.8 tire maximum
- 5) Gear shifting using clutch while pulling not allowed
- 6) Tractor and driver must scale or results in DQ
- 7) No rear dual wheels allow
- 8) 2 hook grace pull allowed to allow for rules to be followed by tractor
- 9) Wide Front End Required

Safety Rules:

- 1) RPM plug in sensor for RPM sled box FVP P/N: 3316 Required for members,
- 2) Cross Bolts in exhaust pipe (2 3/8" Grade 8)
- 3) Wheelie bars extending past rear tire required – Must be a maximum of 10" from ground
- 4) Fenders and/or floorboards supporting weight of driver required
- 5) Kill switch mounted at rear of vehicle required
- 6) Must have positive stop on injection pump for high idle
- 7) Dead man throttle required
- 8) No Injectables allowed
- 9) Front Ski Bars recommended, Front axle support to be made of 2.00" X .095 tubing or 2.00" X .120 mild steel tubing or same material as tractor frame rails. Front axle supports should connect to each frame rail in-line and extend towards front of tractor. Front skid/ front axle support should have radius to prevent digging into track. Front axle support frame should be strong enough to support front end weight of tractor. Support should have a maximum of 4" ground clearance
- 10) Tie bars mounted to rear axle and extending forward of the flywheel mounted to frame
- 11) Fuel shutoff controlled from seat of tractor required
- 13) Electric TA's required

Engine:

- 1) Side shields required
- 2) 505 cubic inch limit, under 470 may alter bore and stroke to max of 470cid 2a) Massey 540, Cockshutt, Oliver, and White 585 must retain factory bore and stroke
- 3) 1 inch intake manifold spacer allowed
- 4) No intercoolers or cooling devices allowed
- 5) Water injection allowed, water only, Maximum of 2 ports in crossover pipe only
- 6) Diesel Fuel only
- 7) Turbo must be under hood and exhaust exit upward
- 8) Maximum of 3.25" crossover pipe diameter allowed
- 9) Maximum of 13mm P7100
- 10) Maximum of S300 SX-E 2.4" P/N 13009097056

Hitch:

- 1) 20" max drawbar height
- 2) 18" minimum from center of rear axle to end of drawbar

Chassis:

- 1) Roll Cage with harness or OEM ROPS with lap belt required
- 2) Must have weld on hubs for pressed steel, no cast centers
- 3) OEM ag rear end
- 4) Wheelbase is a maximum of 114 inches unless produced by manufacturer, Maximum of 13 feet from the center of the rear axle to the forward most part.
- 5) Working brakes required
- 6) OEM Transmission must be stock appearing. No aftermarket gear boxes.
- 7) Clutch housing, transmission case, rear end housing must be OEM or equivalent
- 8) Custom Frames and tube chassis are allowed. Must meet Tech and Class rep approval