

Maumee Valley Points Rules 2010

10,000lb. Hot Farm Tractors

Engines:

1. Maximum 540 cubic inch limit, 1% tolerance.
2. Water injection is allowed. No oxygen carriers or combustion accelerators allowed. Water only.
3. Factory after cooler allowed. AGRICULTURE/OEM USE ONLY.
4. Turbos limited to 3" inlet, 3 1/2" outlet, no waste gates. Wheel must rotate in the bore.
5. No additional openings in compressors housing outside the 3" opening. MWE groove is allowed to be open.
6. If turbo inlet is larger than 2-3/4" ID, must have a 2-3/4" ID (+ or - .005), restrictor plate, no taper allowed, round opening 3/4" thick (+ or - .005). Maximum of 1/16" radius in the bore opening.
7. Restrictor must be screwed and sealed (o-rings or gasket sealer) to the front face of the compressor housing.
8. No spacer behind or in front of restrictor plate.
9. Maximum of 6" from the front of the restrictor plate to the face of the compressor wheel.
10. Factory cast iron cylinder head and block, no aluminum or deck plates.
11. Diesel fuel only, no additives or pressurized fuels, NTPA fuel guidelines 409.
12. Stock appearing manifolds, intakes and exhaust.
13. The largest fuel injection pump allowed will be a P-pump with only one plunger per cylinder.

Hitches:

1. Hitch height is maximum of 20 inches.
2. Must be within 18 inches to 30 inches behind the center of the rear axle.
3. Must be rigid with no movement in all directions.
4. No more than 1½ inch difference between hitch mounting point and hitching point.
5. Hook hole is required to be a minimum of 3½ inches ID (allow ample room for person hooking the chain).

Tires & Wheels:

1. Maximum tire size 20.8/38
2. Cut tires are allowed.
3. Front tires must track rear tires.

Safety:

1. Emergency air shut-off is mandatory (must be easily accessible to person hooking the chain).
2. If equipped with an electric fuel lift pump, tractor must have:
 - a.) an electric kill switch wired to the emergency air-shut-off, OR
 - b.) a manual three-way dump valve ahead of the injection pump, to be operated by the driver.
3. Must have fire extinguisher that is within reach of driver.
4. Must have working, individual rear brakes.
5. Must have wheelie- bars.
6. Must have clutch blanket or steel shield installed 270 degrees, 3/8 inches thick, and 12 inches wide.
7. Seat belts required.
8. Roll over protection mandatory.
9. Must have a steel flywheel and clutch assembly.
10. Engine side shields are mandatory. Shields must be solid and a minimum of .060" thick if steel, or .120" thick if aluminum.
11. Tie-bars securing front frame rails to rear axle housing are highly recommended.

12. All drivers are required to wear helmets and jackets with SFI rating of 3-2a-1.

Appearance:

1. Tractor must be in stock appearance, hoods, grills and fenders (except injection pump & after cooler).
2. Must have stock appearing frame rails. No tube-style frames allowed. Upgrades will be permitted for safety reason, only if approved by board of directors.
3. Maximum wheelbase is 114".
4. Maximum length is 13' from center of rear axle to forward-most part of tractor, including weights, not including front hitch.

Info: Bill James (419) 233 - 5847

Jason Weihrauch (419) 957 - 9271
