

Hot Farm

Rules Frozen 2023-2027

Driver Eligibility:

1. General rules apply.
2. Driver must be 16 years of age or older. Those under 18 years of age must have written parent/guardian permission.

Safety:

1. Stabilizer bars or wheelie bars are **REQUIRED** and **MUST** meet VTPA specifications (refer to diagram in back of book).
2. A dead man throttle is **REQUIRED**, however, drivers are advised that one can be easily rigged using a rubber shock strap.
3. A tractor is **REQUIRED** to have at least a fully charged 2 ½ lb fire extinguisher on board in reach of operator. A functional gauge on the fire extinguisher is required.
4. The third link of three-point hitches will not be used in any way to stabilize the draw bar. There must be a dead man zone of 18" in height and 6" wide from the top of the draw bar.
5. All operators must wear an approved racing helmet. Helmets must meet Snell 90 minimum, or SFI Spec. 31.1, 31.2, 41.1, or 41.2.d. Full faced face helmet is **MANDATORY** and face shield must be worn down during competition. Helmet must remain on until tractor is unhooked from sled. Fire suits **MANDATORY** minimum requirements for fire suit, Nomax rating of SFI 3.2A-1 (single layer). Head sock, fire retardant gloves and fire retardant shoes or leather work boots are **MANDATORY**.
6. It is highly recommended that all hot farm tractors have an SFI approved clutch and flywheel. SFI 4.1 or 4.2 rated, 6 strap blanket is **MANDATORY**.
7. It is **MANDATORY** to install frame connecting ladder bars. Frame connectors must be secured adequately from final drive housing to forward of bell housing and flywheel. Frame connectors must meet VTPA criteria: able to support tractor with engine disconnected from rear housing.
8. No tube frame chassis.
9. It is **MANDATORY** that the tractor has a rollover protection bar or cage that is at least as high as the top of the driver's head/helmet. No **JUNK** is allowed. Roll over protection must

be fastened by at least two points to the rear axle housing. Factory style flip down tops allowed. Rollover protection must be able to lift one rear wheel when pulled horizontally from the top of the bar/cage without damage to the bar/cage. If a rollover protection bar is installed, it is MANDATORY to wear a functioning lap belt that is tight. If a roll cage is installed, it is MANDATORY to wear a 5-point harness that is buckled and tight.

10. It is MANDATORY to have engine side shields of .060" metal. OEM steel fan shroud is mandatory. If the fan guard is plastic or fiberglass, it is required to have a side shield cover the fan. Electric fans are exempt.
11. All Hot Farm tractors MUST have air shut off (diesel) or ignition shut off (gasoline) that has a hook up ring at the rear of the tractor to be connected to transfer sled. Kill switch must be within 6" of center and no more than 48" above hitch. It is MANDATORY that an electric assist fuel pump be tied to the kill switch. All Hot farm tractors will be REQUIRED to be shut off by factory ignition or throttle shut off. (Explanation: NO stalling of engine while in gear for shut off.) Will be checked during inspection or at discretion of officials. Mandatory air shut and/or kill switch to be connected to sled.
12. All tractors are required to have front skid shoes. Front skid shoes must be able to support tractor in the event of tire, rim, spindle or axle failure. Skid shoes must be directly underneath frame rails. Pipes must be minimum 2" OD, chromoly tubing must have a minimum .095" thickness, mild steel must have a minimum .125" wall thickness. Front skid shoes must be cross braced and be able to support the weight of tractor in the heaviest class. Bottom of skid shoe to have maximum of 4" ground clearance. Skid shoes must be securely attached to tractor.
13. Hubs: u-bolted hubs not allowed.

Chassis/Engine:

1. All tractors must be stock blocked for manufacturer, no adapter plates. Engine must be of original type or factory replacement. Original style hood and grill must be in place.
2. Turbochargers, intercoolers, superchargers, torque converters, automatic shifts, etc. are permitted provided such are original equipment for that series.
3. All exhausts must either discharge vertically with a minimum

- 18" straight pipe or muffler in working condition or discharge through a factory, under slung exhaust system in working condition. All turbo charged tractors must have two 3/8" bolts installed crisscross through the exhaust after the turbo charger.
4. Engine RPMs not to exceed 3000 rpm and governor must have a stop. RPM will be tested and strictly enforced. Violators will be disqualified if checked after pull and do not pass.
 5. Turbocharger inlet must be maximum 3"x 3" with a maximum .200" width with a map ring or enhancement (super farm turbo). No bushing allowed. All exhaust must exit through the turbo.
 6. Fuel must be pump #1/#2 diesel only. Soy/biodiesel allowed. Or pump gasoline.
 7. Nitrous oxide, propane, alcohol, nitro methane, methanol and all other oxygen carriers and flammables are PROHIBITED.
 8. No non-stock intercoolers or ice boxes.
 9. Water injection allowed.

Hitches:

1. Draw bar height will be a maximum of 21".
2. Drivers must provide their own hitching device with a minimum hole size, 3" x 3 3/4" - 1" thick steel minimum.

Tires:

1. All tractors with rubber tires are permitted. No sharpened or cut tires. Tire studs or chains not permitted. Maximum tire size 20.8" x 42".

Added Weight:

1. All weight must be safely secured to the tractor, and not interfere with hitch. Weight is not to exceed 24" forward of the front most portion of the tractor. Any ballast or external parts lost while hooked to the sled will be cause for disqualification. No weights may be moved from one tractor to another competing in the same class during that class. No portion of tractor may interfere with sled or sled hitch during a pull. Hitch needs to be visible for hitching and unhitching.

Weight Classes:

1. All tractors weighed at event.
2. Weight Classes: 10,500 lbs; 11,500 lbs; 12,500 lbs