



Garden Tractor Super Stock

1100 lbs – 1200 lbs

DRIVER ELIGIBILITY

1. General Rules apply.
2. Drivers must be 16 years old and capable of operating the tractor safely.
3. Helmet, fire suit having a minimum single layer rating of SFI 3.2A-1, and closed-toe shoes REQUIRED.
 - a. Head sock and gloves are recommended if running an alcohol tractor.
4. A tractor may be entered only once per class.
5. A super stock tractor competing in the super stock class cannot move up a class in the same event.

Chassis:

1. Maximum wheelbase is 56 inches.
2. Maximum distance from the center of the rear axle to the farthest point forward is 96 inches.
3. The engine and transaxle must be from OEM-produced garden components.
4. The tractor must have a stock-appearing hood and grill (nose piece). Switching to another factory sheet metal is permissible.
5. Tractors must have fenders to protect the driver from the rear tires. Fenders should extend a minimum of 4 inches out over the tires. Tractors must have at least a 3-inch seat back.
6. No additional power source is attached to the drive line.
7. Wheelie bars must be rigid in all directions and able to support the tractor and driver in the heaviest class. Each skid shoe must be a minimum of 1.5"x 2" or the use of 5" wheels 1" wide is allowed. The tractor must have 2 skid shoes or 2 wheels. The wheelie bars must be a minimum of 5" from the rearmost part of the tire and a maximum of 10". The bars must be a maximum of 5" from ground to bottom of skid shoes or wheels. A vertical bumper bar 6" in height in rearmost position is required. Weights on the back of the tractor must be contained up to 1" before the end of the wheelie bars.
8. Maximum hitch height is 14". Must provide own clevis or straight flat plate with 1 ½" hole with a dead man zone of 3" on each side of the hitch. The hitch must be rigid in all directions. The kill switch must be centered approximately 10"-12" above the hitch in this area.



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9. ALL TRACTORS MUST HAVE a minimum of a 2 lb. fully charged fire extinguisher on board in reach of the operator. A functional gauge on the fire extinguisher is REQUIRED.

Engine:

1. Engines must be commercially available naturally aspirated garden tractor engines. V-Twin type configuration, Single-Cylinder OHV, Single-Cylinder flat head, and opposed twin flat heads allowed.
2. Maximum engine size will be as follows: V-Twin OHV = Methanol 45 cubic inches, V-Twin OHV = Gasoline 48 cubic inches, Single Cylinder OHV = 45 cubic inches, and Flat head engines (twin and single) = 52.5 cubic inches.
3. No restrictions on valve lift.
4. Cylinder Head:
 - a. OHV engines are allowed to run valve cover spacers.
 - b. Flat heads and OHV engines with non-modified factory OEM heads (weld or epoxy area smaller inch than a nickel). Will run 1100#/1200# with 13-inch hitch.
 - c. OHV engines with recast or welded heads. Will run 1050#/1150# with 12.5 inch hitch.
5. Fuel Systems: Natural Aspiration only.
 - a. OHV engine carburetor is limited to one. Maximum venturi size or restrictor plate will be 1.200 inches. No air entering after the 1.200-inch restriction.
 - b. Flathead engines can run any Naturally Aspirator fuel system. Carbureted engines will run 1100#/1200# with a 13-inch hitch. Fuel-injected engines will run 1050#/1150# with 12.5 inch hitch.
6. Weight and hitch height handicaps can be changed by a majority vote at any driver's meeting. Only pullers in the Garden Division will be allowed to vote.
7. Engine Shielding Rules for single-cylinder tractors only: 1/8-inch steel or 3/16-inch aluminum on the external side of the cylinder extending from head gasket to frame. The shield must be attached to the frame at the bottom and the block at both upper corners.
8. Engine and driven components must be shielded with stock shields or 1/8-inch steel or 3/16-inch aluminum, 360 degrees.
9. No Fin or Cast Flywheels.



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10. Fuel: Gasoline or Methanol only.
11. No pressurized fuel tanks and NO nitrous oxide or nitro-methane allowed.
12. Must have a “dead man” throttle. The throttle shaft must have a return spring in case of a breakage in the linkage.
13. ALL TRACTORS MUST HAVE a functional breakaway kill switch to cut the engine, and fuel pump if the tractor has an electric fuel pump.

Tires and Wheels:

1. Maximum tire size: 26 x 12.00 x 12. Alterations allowed.