



# **Adult Stock Garden Tractor**

## **16 H.P. & Under – Single Cylinder**

### **1100 lbs – 1200 lbs**

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#### **DRIVER ELIGIBILITY**

1. General Rules apply.
2. Youth ages 16 and older may participate in adult classes with written parental consent.
3. Youth ages 16 plus must wear a properly fitting and secured helmet in the adult garden stock classes.
4. A youth participating in either of the youth classes is not eligible to participate in either of the adult classes at the same event.
5. A tractor can only be used for 2 youth classes and 2 adult classes.
6. A tractor may be entered only once per class.
7. If there are 20 or more participants in a class at an event, persons with more than one tractor in the class may be limited to only one tractor.
8. Adult assistance for youth pullers is allowed:
  - a. Only one adult may accompany a youth driver onto the track as a coach. This coach may assist the driver in getting in position, hooked to the sled, tightening the chain, and selecting the proper gear.
  - b. The coach must then step behind the white boundary line before the flaggers will display the green flags.
  - c. Once the pull is underway, a coach may not touch the tractor or interfere with operation unless the driver needs assistance in stopping the tractor.
  - d. Any adult intervention after the pull is underway may result in disqualification, at the discretion of the tech officials.
  - e. The driver is to watch the flag person, not the coach.



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9. Any tractor not qualified as stock may jump up to Sport Stock AND must conform to ALL Sport Stock rules.
10. No Stock tractor competing in the Stock class can move to Sport Stock in the same event.

### **CHASSIS**

1. Factory stock, commercially available components. Engine, transaxle, chassis, and sheet metal must be from a factory-produced garden tractor and maintain stock appearance. Tractor components must be available from the factory as a set. No mixing and matching of tractor components.
2. Tractors equipped with factory locking differentials are allowed.
3. No performance-improving alterations to chassis. The chassis may not be lengthened or altered to accept non-original engine or transmission, except notching of the frame to accept ring gear starters. Engine must be mounted in stock location. Tractors must maintain the original wheelbase for the chassis. You must use the original front axle and have a seat with a 3-inch back.
4. Maximum distance from the furthest point forward to the center of the rear axle is 96 inches including weights.
5. Use of aftermarket parts and/or modifications to clutch, driveline, and transaxle assembly are allowed to help prevent breakage. It must have a usable reverse gear.
6. 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 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. Refer to the diagram in the back. Weights on the back of the tractor must be contained up to 1" before the end of the wheelie bars.
7. 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.



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#### **ENGINE**

1. Must use OEM available, unaltered parts. No fabricated intake manifolds, carburetor stand-offs, or velocity stacks are allowed. A stock-appearing air cleaner must be used. The carburetor must be stock, unaltered, and unpolished. Air restricting venture must not exceed stock size for engine model, horsepower rating, and configuration. No port altering, grinding, or polishing allowed. Ports must remain cast.
2. No welding or modifying of block or cylinder head. The cylinder head must maintain a combustion chamber lip at the head gasket.
3. No performance engine parts allowed. Stock camshaft only. No billet steel or billet aluminum flywheels are allowed. No welding or machining of stock flywheels. All factory engine shielding must be in place.
4. Maximum bore size: .030 overbore from manufacturer's standard specification. The piston must be flush or below the deck of the block.
5. Must have lawn and garden type muffler. No straight pipes allowed.
6. Engine RPM must be controlled by a stock mechanical governor. Max limit: 3600 RPM. No electronic rev limiters.
7. Solid-state ignition modules allowed.
8. Diesel engines must be controlled by the stock mechanical governor to factory RPM specification. No fuel system alterations allowed.
9. Gasoline or diesel fuel only. No additive. No gasoline above super grade can be bought at a gas station.

#### **TIRES AND WHEELS**

1. Maximum tire size: 26 x 12.00 x 12. Larger tires are allowed if the factory is available on that model tractor.
2. Only OEM Garden Tractor-style tires (Turf or Bar). No alterations. No professional pulling tire of Chevron style. No ATV or DOT tires. Tri-ribs for front allowed.
3. Rear rims 12 x 12 maximum size. Front rims 8-inch diameter maximum.