

## **GARDEN TRACTOR & ATV PULLS**

**Nate Sherman, Superintendent**

### **GARDEN TRACTOR & ATV PULL WEDNESDAY AT 5:30 PM**

#### **YOUTH/ADULT GARDEN STOCK**

##### **RULES**

1. Factory stock, commercially available. Engine, chassis and sheet metal must be from a factory produced garden tractor and maintain stock appearance.
2. Gasoline or diesel fuel only. No additives. No gasoline above super grade that can be bought at a gas station.
3. Must use only OEM available, unaltered parts for engine manufactured and configuration.
  - a. Explanation - No fabricated intake manifolds, carburetor stand-offs, or velocity stacks allowed.
  - b. Carburetor must be stock, unaltered and unpolished. Air restricting venture must not exceed stock size for engine model, horsepower, and configuration.
  - c. No port altering, grinding or polishing allowed. Ports must remain as cast.
4. Limited modifications to clutch, driveline, and transaxle assembly are allowed to help prevent breakage. Must have working PTO.
5. No welding or modifying of block or cylinder head. Cylinder head must maintain stock combustion chamber lip at head gasket.
6. Maximum bore size: .030 overbore from manufacturers standard specification. Piston must be flush or below deck of block.
7. Must have muffler - must be OEM type and OEM mounted to block. No extension after muffler.
8. Engine RPM must be governor controlled. Maximum RPM limit: 3600 RPM.
9. Diesel engines must be governor controlled to factory rpm specifications. No injection pump alterations allowed. Must confirm to rule #1 above.
10. No performance improving alterations to chassis or engine parts allowed. No billet steel or billet aluminum flywheel allowed. No welding or machining of stock cast flywheels.
  - a. Explanation - All factory shielding must be in place
  - b. Explanation - Chassis may not be lengthened or altered to accept non-original engine. Must maintain original wheelbase.
11. Maximum hitch height: 13 inches. Must provide own clevis or straight flat plate with 2-inch hole with a dead man zone of 3" on each side of the hitch. Must be rigid in all directions.
  - a. Explanation - No weights in the deadman zone.
12. Maximum tire size: 26 x 12.00 x 12. Larger tire allowed if factory available on that model tractor.

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#### **RULES (contd)**

13. Any OEM style tire. No alterations to ATV, AG or turf style tires.
  - a. Explanation - No grinding or spun tires, no reverse rotation. Must be stock appearing.
14. Maximum distance from furthest point forward from center of rear axle: 96 inches.
15. Wheelie Bars must be rigid in all directions and able to support tractor & driver in heaviest class. Skid shoes need to be 5 square inches or the use of 5" round wheels are allowed. The wheelie bar must be a minimum of 5" from rear most part of tire and maximum of 10". The wheelie bar must also be a maximum of 5" from ground to bottom of wheelie bar. Weights on back of the tractor must be contained up to 1" before the end of the wheelie bars.
16. Any tractor not qualified as stock will jump to sport stock. Must conform to safety equipment in sport stock.
17. No stock tractor competing in the stock class can move to sport stock.
18. Youth classes are for children age 8 - 14 years of age. All participants in this class must have a helmet.
19. Youths ages 12 and older may participate in adult classes with a written parental consent. Youths must wear helmets in the adult classes.
20. All youths 8 years to 14 years must be able to handle that tractor safely by themselves.
21. Youth will be permitted in two youth classes only. A youth participating in youth classes can not jump into adult classes within the same event.
22. PROTEST RULE: If a puller protests another puller, he must put up \$50. If the tractor is found to be legitimate, that puller will get to keep \$40 and the other \$10 goes to the club. If the tractor is found to be illegal, the puller making the protest will get back \$40 and \$10 goes to the club.
23. A tractor can only be used for (2) youth classes and (2) adult classes. (Applies only to Addison Field Days unless posted otherwise at each event).
24. Recommend pants, shirts and full shoes, no sandals.
25. A tractor may be entered only once per class.
26. Tractors equipped with factory locking differentials are allowed to be used.
27. Competitors wishing to compete for points in the class must contact VTPA for a competition number.

## **GARDEN TRACTOR & ATV PULLS**

### **SPORT STOCK**

#### **RULES**

1. One or two cylinder, flat head, naturally aspirated, cast block, four cycle engine. Engine block, transaxle housing, and chassis must be OEM available in a commercial garden tractor. Maximum bore size .040 over manufacturer's standard specification. Maximum total engine displacement .50 cu. in.
2. One or two cylinder, naturally aspirated, cast block engine. OHV Engines rated 18 HP and below. Engine must be available in an OEM produced garden tractor. Maximum of 38.5 cu in. Maximum cylinder bore size: .030 over manufacturer's standard specification.
3. Engine components must remain in original position.
  - a. Original measurement from center of crankshaft to top deck of block must be maintained.
  - b. Stock position of valves.
4. Tractor must have a stock appearing hood and grill (nose piece). Switching to another factory sheet metal is permissible
5. Must retain stock cylinder head and valves for engine configuration and horsepower rating.
6. Stock crankshaft stroke must be maintained. Piston travel must be flush or below deck of block.
7. Stock appearing carburetor for engine manufacturer required. Maximum air restricting venture limit: 1,200 inches. Air flow must be controlled by throttle shaft actuated butterfly in stock location. No air may enter intake port after 1,200 restriction.
8. Maximum RPM's 4500 governor controlled
9. Maximum tire size: 26 x 12.00 x 12 alterations allowed.
10. Chassis and transaxle must be from an OEM produced garden tractor stock frame length must be maintained.
11. Maximum wheelbase: 56 inches.
12. Maximum distance from center of rear axle to farthest point forward: 96 inches.
13. Engine and driven components must be shielded with stock shields or 1/8 inch steel or 3/16 inch aluminum 360 degrees (this rule under review).
14. Single cylinder tractors not running stock side panels need to be shielded with 1/8 inch steel or 3/16 aluminum plate opposite cam side height and width of block. This plate would need to be mounted with two bolts to the frame and at least one bolt to the head (this rule under review).
15. Gasoline only
16. ALL TRACTORS MUST HAVE 2 lb fire extinguisher on board in reach of operator.
17. ALL TRACTORS MUST HAVE a kill switch to cut engine and fuel pump if tractor has electric fuel pump.
18. ALL TRACTORS MUST HAVE maximum hitch height of 13 inches. Flat plate with 2-inch hole. Hitches rigid in all directions with 3" on either side of the hitch as deadman zone from hitch to top of seat. No weights in the deadman zone, only the kill switch centered approximately 10 – 12" inches above the hitch in this area only

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### **SPORT STOCK**

#### **RULES (contd)**

19. Wheelie Bars must be rigid in all directions and able to support tractor & driver in heaviest class. The wheelie bar must be a minimum of 5" from rear most part of tire and maximum of 10". The wheelie bar must also be a maximum of 5" from ground to bottom of wheelie bar. Weights on back of the tractor must be contained up to 1" before the end of the wheelie bars.
20. No moving of weights between tractors in the same class
21. A tractor may be entered only once per class
22. Tractors equipped with factory locking differentials are allowed to be used.
23. Competitors wishing to compete for points in the class must contact VTPA for a competition number.

#### **ATV's**

#### **RULES**

1. Minimum of 18 years old or older.
2. Helmet required, no open-toes shoes, shirt and long pants required (no shorts).
3. Hitch height: Maximum 13", 2 inch hole or clevis/hitch, driver will be checked for weight and hitch height when ready to pull. No ball hitch.
4. Weights: weight brackets must not stick out past rear tires, or past side of tires. No more than 16" from the furthest point of ATV. No wheel weights. No chains. No cut tires. No studded tires.
5. ATV weight classes:
  - a. Light class: Up to 350cc; 900 pounds.
  - b. Mid-size class: Up to 550cc; 1150 pounds
  - c. Heavy class: 501cc up to production model for that year; 1300 pounds
6. Two 4 cylinder Garden Modified Classes will be added on the day of the pull.
6. If ATV's front tires come off the ground, the ATV/puller could be disqualified by a flagman or track official.
7. Must be seated on horizontal portion of seat - not in forward position.
  - a. Explanation - Not on gas tank. No portion of the body may break the plane of the handle bars.
8. ATV can only be entered once per class.