



Rules and Regulations for:  
Garden Tractors

[www.listiegrove.net](http://www.listiegrove.net)

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(Note – All the changes for 2021—2022 are in green)

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**2021-2022**

## 2021 Garden Tractor Pulls

### Registration Fees

All Classes \$10.00 per hook

(Only allow to pull in 2 classes)

Registration closes 1 hour after show time.

### Payout Schedule

Will be post at a later date

First 4 classes must be registered 1/2 hour before start time

Drivers meeting is 15 minutes before start time

## Point System

1. \$20 per class to enter point system
2. \$10 per class to enter point system for Garden Tractors.
3. 5 points awarded for moving the sled to 75'
4. 1st place receives 100 points, 2nd place 98 points, 3rd place 96 points down to 10th place.
5. Disorderly conduct may result in point loss from driver/vehicle.

**ANYONE** (puller, crew member, family member, or spectator) who has a **complaint** will talk to a **TRACK OFFICIAL, NOT** to the **REGISTRATION STAFF!!**

**ANYONE** who complains to the registration staff **WILL BE DISQUALIFIED** for that pull and **BANNED** from the next pull.

**Safety is highly stressed!!!**

**Pull at your own risk!!!**

**Not responsible for accidents!!!**

***Positively no alcoholic beverages!!!***



## Garden Tractors

### Hook fee \$10.00

850 lb. 14 hp Max. Single Cylinder Only (Kids).....	23-10.50x12
850 lb. 14 hp Max. Single Cylinder Only.....	23-10.50x12
950 lb. 14 hp Max. Single Cylinder Only (Kids).....	23-10.50x12
950 lb. 14 hp Max. Single Cylinder Only.....	23-10.50x12
1050 lb. 16 hp Max. Single Cylinder Only.....	26-12.00x12
1150 lb 18 hp Max. Single Cylinder Only.....	26-12.00x12
1050 lb 20 hp Max. Twin Cylinder.....	26-12.00x12
1150 lb. 20 hp Max. Twin Cylinder.....	26-12.00x12
1000-1050 lb. 12hp 14 hp sc Workstock.....	23-16.50x12
1000 Big Tire Open.....	26-12.50x12
1050 lb.-1150 lb. 25 hp V Twin Sport Stock.....	26-12.50x12
850 lb - 950 lb Kids Work Stock 14hp.....	23-10.50x12
1050lb Stock Altered.....(both rounds).....	26-12.50x12
950 lb-1000 lb Lite Pro Stock.....	26-12.50x12

1. All tractors must pass safety standards as determined by rules & officials & subject to inspection.
2. All tractors must be garden tractor variety, patented & factory built. No homemade tractors.
3. All tractors must have a factory hood & stock appearing grille (for weight purposes only). Exception of open class.
4. All tractors must have a stationary built seat with a 3" minimum back!
5. All tractors must have stock working brakes capable of safely stopping the tractor.
6. All tractors must have a stock garden tractor engine with a workable governor. A .030 overbore will be considered stock.
7. All tractors must have a .090 steel or 1/8" aluminum shield to cover all moving parts of the engine & drive line to protect drivers & spectators. Any tractor without the shielding will be limited to 3800-RPM maximum.
8. Carburetor must be stock & same manufacturer. No homemade manifolds or adapter plates. Choke must remain intact. Valves, cam and stroke specifications must be stock.
9. No engines over a two-cylinder gasoline or a three-cylinder diesel will be permitted. Maximum engine horsepower is 20. No two cycle engines unless factory except in open class.
10. Engines can be changed provided there is no altering of tractor frame, hood, or grille. Exhaust may be turned forward, or if to the side must be turned up and to top of hood as long as it passes safety inspection.
11. All tractors must have a working safety kill switch mounted on rear of tractor. It must be mounted within 6" of center rear end, must have a ring that a dog chain hook can be attached & must disable tractor engine & fuel pump when pin is pulled. Example: Trailer breakaway switch. If electric fuel pump, kill switch must cut power.
12. Anti-roll equipment (wheelie bars) must be on tractor. This equipment made of strong rigid mounted metal bars using two 5" min. diameter wheels or two 3" x 3" pads a minimum of 6" apart and extended a minimum of 5" to center behind rear tires, with a maximum of 5" from ground to bottom of pad or wheel's contact point. No part of anti-roll equipment can interfere with sled hook up.

13. Hitch height a maximum of 12" at top of draw bar of hitch plate. Hitch plate opening a minimum of 1 1/2" to provide for hook attachment. Hitch must be stationary in all directions. No point of man made hitch will be forward to the center of the rear axle. Hitch heights and weights are the responsibility of the driver. Periodic checks of these will be made throughout the event. Hitch will be checked for regulation height at scales when weighting in & must be stable in all directions. No floating hitch allowed.
14. **Must attend 3 pulls throughout the season to be eligible to pull at Thunder In the Hollow.**
15. All weights must be securely fastened. No weights on seat. Front weight boom or weights not to extend over 72" from center of rear axle. No weight bar or parts permitted to extend out over 12" to the side of tractor. (Measured from outer sidewall of rear tires.)
16. No dual wheels, tire chains, studded tires, webbed tires, four wheel drive, or implements will be permitted. Turf and bar tires only. Any wheel drive larger than 1/2" in diameter is limited to a maximum tire size of 9.50 by factory size.
17. Driver must stop tractor immediately upon signal from judge or official
18. No moving of spark plug holes.
19. All tractors must have 1/16" steel or 1/8" aluminum sides covering entire engine compartment and driveline.
20. Carb must have stock appearance with up to 1" carb spacer.
21. Pulling order to be determined the day of the pull.
22. When the class starts, registration is close
23. No starter cart allowed in stock class.
24. Clothing: pants and leather work shoe/boot and helmet.
25. No lending of helmets.
26. Tractor must start/stop under own power. No starter cart-open class only.
27. No mower deck.
28. Must be able to operate with minimum assistance.
29. Must be stock stroke & bore in all classes with the exception of the open class.
30. Limit of 3 minutes on the scale.
31. Hitch & kill switch must be accessible to track assistant.
32. Chain must not touch wheelie bar when tight.
33. No billet head in any open class unless otherwise stated.
34. Any tractor over 4,000 RPM must have steel flywheel.
25. Must have 1/4 bolt, 2:pipe, Over2,pipe must have two 1/4 bolts crossed within 1" of each other in exhaust pipe.
26. **Pump gasoline only in all stock classes 93 octane maximum. Racing gas permitted in Sport stock. No oxygenated fuel in any class.**
27. **Electric fuel pumps are allowed in all classes.**
28. A billet rod of stock length is permitted because of inferior parts available must run stock piston.
29. Adult classes .330 lift will be considered stock.
30. V Twin, no roller rockers, no valve cover spacer, and can run billet rods of stock length for reliability.
31. Classes will be run in no set order and will be determined the day of the pull.
32. Top 3 tractors may be checked and reweighed.
33. **Random check will be performed on any part or tractor at any time. Track official and track personnel will make a decision. Arguing or badgering will not be tolerated.**
34. Twin engine will be separate on paper, V Twin and Flat Head Twins.
35. **If it is not in the rules or you think it's a gray area, just don't do it. Please call and ask.**

## 25 HP Sport Stock

Hook fee \$10.00

1. 44 cubic inch
2. Stock crank
3. Allowed billet rods and flat top pistons
4. Stock coils or Midwest new command coils
5. No crank trigger
6. Mandatory steel flywheel
7. Flattappet cam
8. Stock rockers
9. Stock length valves
10. Downdraft carbs
11. Port and polish to heads
12. OEM intakes
13. No welding to heads
14. Front pulley is allowed
15. 13" hitch height straight up
16. Must have pants, shirts, leather shoes, and helmet
18. All general rules apply

## 1000 lb. & 1050 lb. 12s & 14s hip Max Work

Hook fee \$10.00

1. Maximum valve size 1.380 intake and exhaust
2. 0.330 lift **cam only, non-adjustable**
3. Any type of ignition allowed
4. Billet cranks and cam shafts allowed
5. Carb is limited to a 1.0 GAS only, NO alcohol
6. NO billet heads, must be stock or recast
7. Must run a head strap and steel flywheel
8. 13" hitch height
9. All general rules apply
10. Tire size 23x10.50x12
11. **Must be stock stoke**
12. **Allow 0.30 over factory bore**
13. **All general rules apply**

## **Twin Cylinder Stock Altered**

**Hook fee \$10.00**

1. Engine must be a commercially available lawn and/or garden tractor engine
2. 25 HP Engine Allowed
3. 44 Cubic inch max
4. Any type of ignition allowed
5. OEM cranks shaft
6. No limit on cam shaft
7. Clean up on top of block is okay
8. Down draft stock appearing carb.
9. Stock plastic alum intake only
10. *Steel fly wheel mandatory*
11. *Spark plug to remain in stock location*
12. 13" hitch height
13. Air cleaner or velocity stack is allowed
14. KILL SWITCH REQUIRED
15. Electric fuel pump is allowed
16. Wheelbase 56 inches max, front weight boom is 8 feet from centerline of rear axle forward
17. Pump gas only
18. No welding of the block
19. Tire size 26 x12.50x12
20. *1050 lb. for both round*
21. *All general rules Apply*

## **Big Tire Open Twin & Open Single**

**Hook Fee \$10.00**

1. 56 cubic inches
2. 1.2 carbs only
3. 56 inch wheel base
4. 13 inch hitch height
5. 1000 lbs. both rounds

## **Pro / Super Stock Single**

**Hook Fee \$10.00**

1. 50.5 Cubic inch
2. 56 inch wheelbase
3. 13 inch hitch height
4. 1000 lbs. both rounds

## **Kids Class**

**Hook Fee \$10.00**

1. 14 HP
2. No welded cam
3. .324 Cam Lift
4. .030 Over Bore
5. Stock head only, no welded head
6. Stock stroke
7. Stock Carb with a working choke plate
8. Copper head gasket, no more .31 thousand thickness
9. Stock crank shaft
10. Pump gas only, no alcohol
11. Steel Flywheel allowed
12. Stock valve size
13. 23x10.50x12 tire size
14. Age limit 5-14 years, must be 14 by the first pull of the season
15. Ignition system must be stock
16. 3800 RPM limit plus 50
17. 860 & 960 weight classes
18. Three consecutive wins you must jump to work stock kids
19. Any tractor pulling in kids class cannot pull in any other class
20. All general rules apply
21. Must have working kill switch

## **Kids Work stock**

**Hook Fee \$10.00**

1. 14 HP
2. Billet cam and crank shaft allowed
3. .330 cam lift
4. .030 over bore
5. 3.25 stroke
6. Stock welded head of recast head, no billet head
7. Any rod length
8. 1" carb with a working choke plate
9. Pump gas only, no alcohol allowed
10. Steel flywheel required
11. 1.38 valve size intake & exhaust
12. Any type of ignition allowed
13. Side shield required
14. 23x10.50x12 tire size
15. Age limit 8-16 years, must be 16 by the first pull of the season
16. 4500 RPM limit +50
17. 860 & 960 weight classes
18. Any tractor pulling in work stock kids class can't pull in any other class
19. All general rules apply
20. Must have a working kill switch

# Lite Pro Stock

Hook 1\$10.00

1. 950 & 1000 Weight Classes
2. 13 Inch hitch height
3. 37.5 Cubic Inch
4. Single cylinder four cycle flathead engine only
5. No reverse port engine
6. Engine must be Kohler, Wisconsin, Tecumseh or Briggs
7. Methanol only
8. Engine blocks must have an OEM stock appearance. The current approved blocks are the K Series Kohler block and the MWSC Stock Altered block.
9. Engine must be factory productions or their OEM replacement with factory deck height.
10. Stock head bolt pattern. Stock head gasket must fit over studs or bolts.
11. Maximum carburetor venturi size 1.20", no air entering after 1.20" restriction, venturi must be round in shape.
12. Carburetor must be a stock appearing Kohler type
13. Billet heads permitted.
14. Porting and polishing allowed
15. Port welding allowed, but no bore welding
16. Maximum wheel base is 56 inch.
17. All general rules apply

# Protest

Protest can be made only by a contestant in the same weight class before the next weight class starts.

A \$150.00 cash bond with written statement of item protested and a copy of specifications must be presented to a committee member to initiate protest. Protested tractor will be impounded to a specified place for committee to do checking. Listie VFC reserves the right to impound the tractor up to 24 hour after protest is made. If protested tractor is legal, bond money goes to tractor owner or driver. If protested tractor is illegal tractor will then be disqualified from pulling and penalized all accumulated points incurred. If contestant refuses to have their tractor checked, they will be disqualified and not permitted to compete. Protested tractor can return to the competition only after item or items are proved to be in compliance with rules. At time of teardown, owner, driver, or designate is responsible for the teardown and reassembly of protested item.



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**See you on the track!**



*Any questions or comments,  
please contact:*

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