

SWPA Garden Tractor Pulling 2026 Rules

(SWPA Pulling And Sled Rental, LLC)

GENERAL RULES:

1. Hook fees will be \$10 per hook unless otherwise noted on schedule or event flyer. Youth Classes will be free to enter.
 - A. Must have a minimum of three (3) hooks per class to pay out.
 - B. Classes with 3-4 hooks will pay 1ST place only.
 - C. 5+ hooks will pay top three (3) spots.
 - D. Payout amount will be determined by number of hooks.
2. A tractor may only enter a class one time.
3. ALL DRIVERS MUST WEAR A HELMET.
4. Modified classes single layer fire suit is required if running alcohol.
5. Drivers are responsible for picking up their winnings after the class.
6. Drivers are to conduct themselves appropriately no profanity, drugs, or alcohol is to be on park property at any time.
7. A drivers meeting will be held before the event begins.
8. Drivers may bump up in horsepower classes.
9. What is done for one (1) driver will be done for all drivers.
10. Drivers may be asked to assist in working the track to keep things moving smoothly and quickly.
11. No individuals are to be on the track at any time during the pull unless they are working.
12. Safety is priority on and off the track.
13. Protests must be submitted in writing with \$150, \$25 of which goes to SWPA Pulling And Sled Rental, LLC. The person being protested must present their tractor to tech official to be checked. When protesting a tractor, you are also agreeing to surrender your tractor to the tech official. If tractor is found legal the owner will get \$125. If not found legal, the person filing the protest gets \$125 of their money back. Any person refusing to be checked will be disqualified and cannot pull until proven legal.
14. SWPA Pulling And Sled Rental, LLC reserves the right to do random checks of tractors. This includes but is not limited to RPM (for limited RPM classes), Fuel, Engine Specs, Safety equipment, wheel base, weight boom length, etc. Any person refusing to be checked will be disqualified and cannot pull until proven legal.
15. The following individuals are not eligible for any payouts: Heidi Briant, Wesley Briant, Jared Dorsey, Eli Yurkovich, Rudy Yurkovich, Bill Neil, and Mark Ealy. Any payouts earned by these individuals will be donated back to SWPA Pulling & Sled Rental LLC.

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YOUTH CLASS RULES:

1. Kids under 13 years of age.
2. 12HP tractor maximum to enter the class.
3. 23-10.50-12 Max tire size
4. Hitch height will be 12 inches to the top of hitch
5. 4000 RPM MAX
6. The same tractor may be entered in the class with different drivers. Example: if a family has multiple kids they may all use the same tractor for this class.
7. Class is free to enter; class has no payout
8. This class is meant to encourage new pullers in the sport. The rules are setup to get as many youth pullers a chance at track time as possible.

0 – 12 HP STOCK SINGLE BELT DRIVE CLASS RULES:

1. Stock garden tractor engines only. NO AFTERMARKET BLOCKS
2. Tractor must have been belt driven from the factory
3. NO SHAFT DRIVEN TRACTORS IN THIS CLASS.
4. .030 over bore max
5. Stock size valves for that motor.
6. Must have stock factory head (head may be milled)
7. .330 max lift cam
8. no decking the block
9. no alcohol fuel
10. port and polish allowed
11. exhaust pipes must be 90 degrees vertical
12. steel front pulley or balancers are limited to one (1) 1.25" wide x 7.5" diameter and no more than 14lbs. must have bolt and washer in end of crank.
13. Steel flywheels recommended for this class, and are mandatory if tractor is running over 4500RPM.
14. Must have factory points for that motor.
15. OHV motors must have factory rocker arms, pushrods, and lifters for the motor.
16. Must have an air cleaner of some sort. No carb spacers/adapters against the block.
17. Electric fuel pumps allowed.

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4. Must have stock factory head (head may be milled)
5. .330 max lift cam
6. no decking the block
7. no alcohol fuel
8. port and polish allowed
9. exhaust pipes must be 90 degrees vertical
10. steel front pulley or balancers are limited to one (1) 1.25" wide x 7.5" diameter and no more than 14lbs. must have bolt and washer in end of crank.
11. Steel flywheels recommended for this class, and are mandatory if tractor is running over 4500RPM.
12. Must have factory points for that motor.
13. OHV motors must have factory rocker arms, pushrods, and lifters for the motor.
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16 HP STOCK SINGLE 4000RPM CLASS RULES:

1. Stock garden tractor engines only. NO AFTERMARKET BLOCKS
2. 4000RPM MAX
3. Maximum tire size of 23-10.50-12
4. .030 over bore max
5. Stock size valves for that motor.
6. Must have stock factory head (head may be milled)
7. .330 max lift cam
8. no decking the block
9. no alcohol fuel
10. port and polish allowed
11. exhaust pipes must be 90 degrees vertical
12. steel front pulley or balancers are limited to one (1) 1.25" wide x 7.5" diameter and no more than 14lbs. must have bolt and washer in end of crank.
13. Must have factory points for that motor.
14. OHV motors must have factory rocker arms, pushrods, and lifters for the motor.
15. Must have an air cleaner of some sort. No carb spacers/adapters against the block.
16. Electric fuel pumps allowed.

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16 HP MOD STOCK SINGLE CLASS RULES:

1. Stock garden tractor engines only. NO AFTERMARKET BLOCKS.
2. Must be stock size crank and cubic inch for that engine. (aftermarket cranks with the same specs as OEM are permitted)
3. .030 over bore MAX
4. Stock size valves for the motor.
5. Head may be milled. No billet heads. Head must visually look like a factory head.
6. .330 Max lift cam
7. No piston pop out
8. Port and polish allowed
9. Exhaust pipes must be 90 degrees vertical
10. Steel front pulley or balancers are limited to (1) 1.25" wide X 7.5" diameter and no more than 14LBS.
11. Steel flywheel MANDATORY.
12. Any ignition Permitted
13. OHV motors must have factory rocker arms and lifters for that motor.
14. Velocity stacks allowed. 1" Carb spacers/adapters allowed. Carb must maintain stock venturi for that engine. May have external fuel adjuster. No air filter required.
15. Electric fuel pumps allowed.

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25 HP MOD STOCK TWIN CLASS RULES:

1. Stock garden tractor engines. NO AFTERMARKET BLOCKS OR HEADS
2. Must have the following stock unaltered parts for that engine: Crank, Pistons, starter must be factory replacement part for that engine.
3. Stock size valves for that engine.
4. .326 max lift at the valve
5. velocity stacks or ½ carb spacers/adapters allowed. Carb must maintain stock venture for that engine, may have external fuel adjuster.
6. Exhaust pipes must be 90 degrees vertical
7. Steel flywheels MANDATORY
8. Steel front pulley or balancers are limited to (1) 1.25" wide X 7.5" diameter and no more than 14LBS.
9. Any ignition allowed. One spark plug per cylinder.
10. .030 max overbore
11. heads may be milled
12. port and polish allowed
13. must use factory intake for that motor
14. must have factory length rods.
15. No piston pop out
16. Electric fuel pumps allowed

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DRIVING AND TRACK RULES:

1. Pullers must start from a tight chain.
2. Drivers should have the tractor out of gear and hands off the controls when hooking.
3. Know your position. Calls will be made across the loudspeaker who is pulling and who is to follow. This helps to keep the pull moving faster.
4. All drivers must sign in prior to the start of the class they want to pull in.
5. All tractors must be weighed in and measured prior to the class starting.
6. All tractors are subject to random weight and hitch height checks.
7. No parking on the scales.
8. Drivers are to watch the flag person. The track crew makes the call and drivers are to stop when instructed. Digging holes/pawing will not be permitted.
9. Sled Operator and Track Official have **FINAL** say on track.
10. Weights may be moved on the tractor for better traction during the pull, but no weight can be added.
11. All pulls will have a floating finish unless otherwise stated in the drivers meeting.
12. Keep hands off fenders and away from the tires. If you have approved grab bars your hands are allowed to be on those during the pull but not on the fender at any time during the pull.
13. Drivers are to remain in the seat with one hand on the steering wheel at all times. Leaning side to side to steer the tractor and front to back is permitted.
14. No fishtailing or jerking from side to side. This may cause the tractor to roll over.
15. Ropes are set up on the side for boundaries. If a tractor crosses or touches the rope the driver will be disqualified. *Exception: if the front end is in the air and crosses the rope but does not touch the rope. As long as it lands back inside the rope without going over or touching the rope the driver will not be disqualified.*
16. Drivers will be disqualified if any part or weight falls off the tractor or driver during the pull or while stopping the tractor as long as the tractor is still hooked to the sled.
17. One driver per tractor per class is permitted.
18. Drivers in the stock classes must be at least **5** years of age.
19. Driver is allowed two (2) attempts to move sled 75 FT. except in a pull off only get one (1) attempt. Driver has three (3) minutes to hook to sled when called for.

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TRACTOR SETUP:

1. All hitches must be stationary when pulling in all directions with a minimum of 1 ½" inch hole. Hitch must be 3/8" inch thick steel or ½" inch aluminum.
2. All tractors must be of garden tractor variety, patented and factory built no homemade tractors.
3. All tractors should have working breaks
4. All tractors must have a seat with a 3 inch back to stop the driver from sliding off.
5. Smaller air tires are permitted on the front of the tractor within reason.
6. Rear tires may be sharpened. Pro pulling tires are permitted. Refer to class rules for maximum tire sizes.
7. If the tractor came with fenders, then it must have fenders. They may be altered to widen or lighten.
8. No dual wheels or tire chains are permitted.
9. Stock classes must start with OEM frame. No homemade frames. Mod stock, classic pro, and open classes can use any frame.
10. Guards and shields: stock guards and shields are to remain on the tractor. Replacement guards and shields must be made from 1/8" steel or 3/16" aluminum minimum.
11. May have support bearing on the drive shaft.
12. All "stock" and "mod stock" tractors are to have a wheel base that does not exceed 52".
13. All modified tractors are to have a wheel base that does not exceed 56"

WHEELIE BARS:

1. All tractors must have wheelie bars that are built to withstand the total weight of the tractor for each side.
2. Wheelie bars cannot interfere with the hitch hook up area.
3. They must be a minimum of 5 inches back from the rear edge of the tire to the center of the wheel with a minimum of a 5-inch wheel or a 3x3 steel pad.
4. No more than 5 inches from the ground to the point of contact on either wheels or pads.

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WEIGHT SET UP:

1. All weights must be securely fastened to the tractor.
2. Weight bracket specifications:
 - a. No part of the weight or bracket can exceed 72 inches from the center line of the rear axle forward towards the front of the tractor in the following classes: YOUTH/KIDS CLASS, 12HP STOCK SINGLE BELT DRIVE, 12HP STOCK SINGLE, 16HP STOCK SINGLE SMALL TIRE 4000RPM.
 - b. No part of the weight or bracket can exceed 84 inches from the center line of the rear axle forward towards the front of the tractor in the following classes: 16HP MOD STOCK SINGLE, 25HP MOD STOCK TWIN.
 - c. No part of the weight or bracket can exceed 96 inches from the center line of the rear axle forward towards the front of the tractor in the following classes: OPEN SINGLE, OPEN TWIN.
 - d. No part of the weight or bracket can exceed 18 inches from the center of the rear axle backwards from the rear of the tractor.
 - e. No part of the weight or brackets can exceed 24 inches from the center line of the axle upwards.
 - f. No part of the weight or brackets can exceed 12 inches past the outer edge of the rear tires.
 - g. All weights must be in boxes on brackets or securely fastened to the tractor. Weights cannot be loosely sitting anywhere on the tractor.
 - h. No part of the weight or bracket can interfere with the hook up of the tractor to the sled

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OPEN SINGLE CLASS RULES:

1. Open single cylinder is defined as any tractor having one cylinder, air cooled four cycle, flat head, two valves same side of engine.
2. 50.5 Cubic Inch max for all engines in this class.
3. No reverse port engines
4. Intake and exhaust port locations similar to those of a commercially produced block that the engine is based on.
5. If a new block design is created, it must still be based on an OEM block design. All new block designs must be submitted to SWPA for approval and accompanied by certification before they can be released or used in competition.
6. SWPA will maintain an approved OEM block design list. Only blocks on this list are permitted. If a competitor wishes to add an OEM block design to the list, the design must first be submitted for review and receive SWPA approval before use.
7. The Camshaft must be gear-driven directly from the crankshaft, consistent with the traditional engine design for that type. Belt-driven, chain-driven, or other alternative camshaft drive systems are not permitted.
8. Any type of naturally aspirated induction is permitted
9. Electronic fuel injection (EFI) is not permitted.
10. If using a finned block (stock or aftermarket blocks) a head strap is required.
11. Class weight is 1050LBS. If using an OEM Kohler stock factory block an extra 50LBS will be allowed.
12. Approved engine block list: J2, Jones, Eburg, Woolam, H/P S/A, MWSC S/A, factory kohler k341 stock block.
13. Wheelbase 56 inches maximum

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OPEN TWIN CLASS RULES:

1. Must be garden tractor block
2. Recast, billet, or plated heads allowed.
3. Any manifold allowed
4. Carburetor 1.200 venturi Max. No fuel injection allowed.
5. Any ignition is allowed.
6. Electric fuel pump allowed
7. Front pulley 8" O.D. Max
 - a. Steel must have SDS bushing, Bolt and washer to secure.
 - b. Aluminum must have taper lock bushing, bolt and washer to secure
8. Must have flywheel and clutch shields in place
9. Must have working kill switch and dead man throttle
10. 26-12-12 Max Tire size. Any tire allowed.
11. No fuel additives, or pressurized fuel tanks.
12. No pressurized oil tanks.
13. NQS Super Stock Tractors may enter this class running heads up.

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OPEN SMALL TIRE MPH CLASS RULES:

1. This class is only offered at select events. Check the event schedule to see which pulls this class will be offered at.
2. Maximum hitch height 12" for all tractors
3. Maximum tire size 23-10.50-12
4. Maximum weight of 1000LBS
5. Maximum speed will be determined/announced at either the drivers meeting or before the start of the class. Speed and sled horn are automatically controlled by our sled Agritronix system. Speed horn on the sled can sound any time before the shutdown cones for the driver to establish his speed. If speed horn sounds any time after the front of the sled passes the shutdown cones the driver will be disqualified and must end the pull.
6. Tractor must be legal to pull in any of our other listed classes.
7. All SWPA general rules, driving & track rules, wheelie bar rules, and tractor setup rules apply to this class.
8. Payout will follow normal SWPA payout schedule unless otherwise noted.

OPEN LARGE TIRE MPH CLASS RULES:

1. This class is only offered at select events. Check the event schedule to see which pulls this class will be offered at.
2. Maximum hitch height 13" for all tractors
3. Maximum tire size 26-12-12
4. Maximum weight of 1100LBS
5. Maximum speed will be determined/announced at either the drivers meeting or before the start of the class. Speed and sled horn are automatically controlled by our sled Agritronix system. Speed horn on the sled can sound any time before the shutdown cones for the driver to establish his speed. If speed horn sounds any time after the front of the sled passes the shutdown cones the driver will be disqualified and must end the pull.
6. Tractor must be legal to pull in any of our other listed classes.
7. All SWPA general rules, driving & track rules, wheelie bar rules, and tractor setup rules apply to this class.
8. Payout will follow normal SWPA payout schedule unless otherwise noted.

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MOVING TARGET CLASS RULES:

1. This class is only offered at select events. Check the event schedule to see which pulls this class will be offered at.
2. The goal of this class is to be as close to the “target distance” as possible. A “target distance” between 100’ – 200’ will be randomly drawn during either the drivers meeting or before the start of the class. The puller that stops closest to this distance will be the winner.
3. No weight or hitch limits for this class (no need to go across the scale for this class unless drivers just wants to check his setup)
4. Maximum tire size 26-12-12
5. NO DISTANCE BOARD WILL BE USED FOR THIS CLASS.
6. Sled will use 12HP stock single settings, this will allow all classes of tractors to be able to make it to the “target distance”. Due to the light sled settings DRIVERS NEED TO SLOWLY LET OUT OF THE THROTTLE TO STOP SO THE SLED DOES NOT HIT YOU.
7. DRIVERS MUST BE ABLE TO CONTROL THEIR OWN TRACTOR. Parents/pit crew MAY NOT stop the tractor or control the throttle while walking along side of the puller.
8. NO USING BREAKS ON THE TRACTOR TO STOP. This is to avoid the sled hitting the tractor. DRIVER MUST SLOWLY LET OUT OF THROTTLE TO STOP.
9. Class is open to any type of tractor that is legal in any to pull in any other of our listed classes.
10. All SWPA general rules, driving & track rules, wheelie bar rules, and tractor setup rules apply to this class.
11. Payout will follow normal SWPA payout schedule unless otherwise noted.
12. In the event of a tie for the win a second “target distance” will be randomly selected and a pulloff will be held between the tied tractors. No pulloff will be held for placings other than 1st.
13. SWPA Pulling And Sled Rental, LLC will not be held liable for any damages to tractor if the sled hits it from a driver stabbing the breaks or too quickly decelerating in an effort to stop.

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CLASS WEIGHT/TIRE/HITCH LEGEND:

Class	Weight	Tire Size	Hitch Height
0-12 HP KIDS CLASS 4000RPM MAX	950LBS	23-10.50-12	12"
0-12 HP STOCK SINGLE	950LBS	23-10.50-12	12"
0-12 HP STOCK SINGLE BELT DRIVE	950LBS	23-10.50-12	12"
16 HP STOCK SINGLE SMALL TIRE 4000RPM MAX	1050LBS	23-10.50-12	12"
16 HP MOD STOCK SINGLE	1050LBS	26-12.00-12	13"
25 HP MOD STOCK TWIN ~ OHV Engines	1100LBS	26-12.00-12	13"
~ Flathead Engines	1125LBS	26-12.00-12	13"
OPEN SINGLE: ~ Stock Kohler OEM Block	1100LBS	26-12.00-12	13"
~ Aftermarket Block (Jones, J2, Eburg, Woolam, MWSC S/A, HP S/A)	1050LBS	26-12.00-12	13"
OPEN TWIN	1050LBS	26-12.00-12	13"
MOVING TARGET	ANY	26-12.00-12	ANY
OPEN SMALL TIRE MPH	1000LBS	23-10.50-12	12"
OPEN LARGE TIRE MPH	1100LBS	26-12.00-12	13"

These are the minimum requirements. Other items may be added or suggested as deemed necessary to operate a safe, fun, and fair pull