

# OHIO GARDEN TRACTOR PULLING



## Current CLASS RULES

## **GENERAL RULES FOR ALL CLASSES**

1. Open to 2-wheel drive rubber tire tractors. No dual wheels, chains, spikes, or paddle tires.
2. Must have a minimum of 3 tractors to make a class. If fewer than 3 tractors register for a class, the track officials will decide whether or not to run the class.
3. Each tractor may be entered in more than one class, but only once in a class.
4. All drivers must sign a release form before they pull. The track owner or club is not responsible for accidents or damages.
5. No alcoholic beverages allowed.

## TRACTOR PULL CLASSES

<b>Class</b>	<b>Max Engine</b>	<b>RPM</b>	<b>Max Weight</b>	<b>Max Tires</b>
Kids (under 15 years of age)	14 HP or less 1 cylinder.	4,000	900 pounds	23x10.50x12 tires
Pure Stock Belt driven.	Determined By Entries.	4,000	1,000 pounds	23x10.50x12 tires
12 HP Single Cylinder Gov.	12 HP or less 1 cylinder.	4,000	1,000 pounds	23x10.50x12 tires
14 HP Single Cylinder Gov.	14 HP or less 1 cylinder	4,000	1,000 pounds	23x10.50x12 tires
16 HP Single Cylinder Gov.	16 HP or less 1 cylinder.	4,500	1,050 pounds	26x12x12 Cut/Professional tires
Small Twin	20 HP or less 2 cylinder.	4,500	1,050 pounds	26x12x12 Cut/Professional tires
Big Twin	25 HP or less 2 cylinder.	4,000	1,050 pounds	26x12x12 Cut/Professional tires
16 HP S/A Single Cylinder.	16 HP or less 1 cylinder.	Unlimited	1,050 pounds	26x12x12 Cut/Professional tires
Open (RWYB)	Unlimited	Unlimited	1,100 pounds	26x12x12 Cut/Professional tires
Ladies	14 HP or less 1 cylinder.	4,000	1,000 pounds	23x10.50x12 tires
45 Cu In Diesel.	45 Cubic Inch 3 Cylinder	Unlimited	1,100	26x12x12 Cut/Professional tires.
Open RPM Twin.	47 Cubic Inch 2 Cylinder	Unlimited.	1,100	26x12x12 Cut/Professional tires.

# GENERAL PULLING RULES

## SAFETY RULES

1. ALL TRACTORS, NO EXCEPTIONS, MUST BE APPROVED AND PASS INSPECTION OF OFFICIALS TRACK/SAFETY REQUIREMENTS. You will get one warning on any change and it must be fixed (next time found wrong or not corrected will result in a disqualification).
2. All drivers must wear long pants, shirts, and shoes (discretion of officials). FIRE SUITS AND ONBOARD FIRE EXTINGUISHER ARE REQUIRED WHEN USING ALCOHOL AS FUEL, AND FIRE SUIT JACKET MUST BE ZIPPED WHEN PULLING!
3. All tractors must have sturdy, safely secured fenders that will protect the driver from the tires (discretion of officials). Using edge of fender as a grasp point to obtain "leaning leverage" will result in disqualification. Sturdy handles may be installed for this purpose.
4. All tractors must have a secure seat. Seat must have a back, which stands a minimum of 3" above seat surface (discretion of officials).
5. A working KILL SWITCH is required in all classes.
6. All tractors must have wheelie bars or skid pads that will support the weight of the tractor. Bottom of wheelie wheels or skid pads can be no higher than five (5) inches from the ground and center of wheelie wheels or skids must extend at least five (5) inches behind a vertical line drawn at the rear face of tires. Skid pad minimum three (3) inch square. Wheels – minimum size – 1 inch wide by 5 inch tall.
7. No portion of tractor shall interfere with the sled or chain. This simply means, when you hook to sled nothing can touch.
8. As a combination of safety and courtesy, pullers and crew should not line the track in front of the spectators.
9. No tractor(s) should be left unattended while running. If a tractor is moving with engine running, the driver must be in the seat and in control of the tractor.
10. All tractors must be operated in a safe manner at all times. (If you are not hooked to sled, use just -enough throttle to keep engine running. You will be warned only once.) - general safety rules continued next page -

11. NO "SHOWING OFF" (speeding, hazardous or unsafe driving, horsing around).
12. Brakes – must have working brakes.
13. All components should be attached properly in order to perform the function intended.

### **WEIGH-IN & PRE-PULL INSPECTION RULES**

1. Tractor and driver will weigh together prior to each pull. Driver must be in seat, ENGINE OFF, and have all proper equipment in place. (GAS, HELMET, SEAT, ETC.)
2. No bouncing, sliding or abusive use of scales. All tractors will be pushed on/off scales.
3. Hitch height will be checked at weigh-in. Weights can be moved, none added, after leaving scales, but hitch may be re-checked at the official's discretion.
4. Hitch height can be no more than 13 inches from the ground to the top of the hook opening, unless otherwise specified in Individual Class Rules. See diagram for example. Hook opening should be 1 1/2 inches minimum in diameter with pulling point not more than 1 inch from the back edge of hitch. All hitches must be parallel to the ground. HITCH MUST BE STATIONARY AND SECURELY ATTACHED. Hitch design subject to discretion of track officials.
5. No portion of any tractor may exceed eight (8) feet forward from the center of the rear wheels. No part may exceed six (6) feet in width.
6. WEIGHTS can be moved after leaving scales, but NO ADDITIONAL WEIGHTS can be added. Hitch height may be re-checked at official discretion.
7. NO SIGNIFICANT AMOUNT OF FUEL CAN BE ADDED AFTER LEAVING SCALES.
8. Weight, hitch and kill switch can be checked at any time before or after you pull.
9. After you have pulled, if you are asked to go back to the scales for re-check, you will not be allowed to change anything and no one needs to touch your tractor. (Go straight to the scales, you will be watched all the way.)
10. RPM on all tractors must be checked prior to pull.

## PULLING RULES

1. SIGN-UP will start one hour before the pull and will stop fifteen minutes before pull starts. Entry fee may be required..
2. Pulling position determined by sign up.
3. Class and pulling position must be attached to tractor.
4. Contestant must pull in established position. In case of mechanical breakage, which has been determined by track official, contestants may drop to last pulling position.
5. Track officials have the option to change the sled in the first three (3) pullers attempts. If sled is changed, the class will start over. In case sled weight changes, the tractor will be allowed to shift or change weight, but will need to re-weigh and have hitch height rechecked.
6. Each driver has the right to have the sled spotted to a particular location on the starting line. Driver or assigned crewmember is responsible to clearly request the location before the sled is returned to the line.
7. Once a class is called, the pullers in that class **MUST** remain in the pulling area or notify the track officials if they leave the area for any reason. From the moment that both tractor and sled, are prepared to pull, the puller has three (3) minutes to hook and make attempt. An "attempt" is defined as any forward motion of the sled less than 50 feet - any sled movement greater than 50 feet counts as a pull.
8. Tractor must start pull with a tight chain, no jerking of sled.
9. First puller in each class has a re-pull option. The puller must inform the flagman of decision before leaving the sled. If sled is changed, the next puller is considered the first puller.
10. All tractors of all classes **must be pushed back to the sled** to hook. The tractor's engine may be running during the hooking process.
11. The FLAGMAN has complete control of the pull in progress. His decision is final. The flagman or sled operator has the right to stop any tractor. Arguing with flagman, sled operator, or club officials may result in disqualification or suspension. *—continued next page—*

12. All pullers must obey the flagman. No puller will be given the green flag until tractor is clear. If you have a child pulling, they must be able to control their tractor. They will not be given the green flag until tractor is clear. PARENT MAY WALK INSIDE THE WHITE LINE BUT CANNOT TOUCH THE TRACTOR WHEN IN FORWARD MOTION, START AND STOP ONLY. SEE KIDS CLASS RULES FOR REQUIREMENTS.
13. Driver must stay seated during course of pull and have control of tractor at all times. At least one hand must be on the steering wheel at all times.
14. Depositing of equipment (loose weight, etc.) excluding breakage onto track while tractor is in a forward motion will result in a disqualification.  
DISCRETION OF FLAGMAN!
15. Pull will be measured where the contestant's TRACTOR (not the sled) runs out of bounds or forward motion stops. Pull will be measured from the center of the foot where the chain is fastened to foot. ALLOWING YOUR TRACTOR TO TOUCH THE WHITE LINE OR GO OUT OF BOUNDS RESULTS IN DISQUALIFICATION.
16. Tractor may be running but must be in neutral when unhooked from the sled.
17. All classes running Open RPM must wear a helmet.
18. **All RPM limited classes must control RPMs with governor or electronically – driver cannot have any control of maximum RPM limit.**

### **PULL OFF RULES**

1. More than one full pull in a given class will result in a mandatory pull-off.
2. Tractor must be re-weighed and hitch height re-checked.
3. All tractors must be ready to pull. A time limit will be given (3 minutes or discretion of officials).
4. You will get one attempt to move the sled. (As with regular classes, sled weight may need to be adjusted—Officials will make the decision.)
5. Pull off will follow the next class pulled (discretion of officials).

# INDIVIDUAL CLASS PULLING RULES

## KIDS

1. Ages up to 15 years of age (age determined at start of season).
2. Rules same as 14hp stock class.-weight limit 900 lbs.
3. Adult can help start & stop tractor but cannot touch tractor while pull is in progress.
4. **Kill switch mandatory for all kids requiring assistance to start and stop tractor.**



## **STOCK BELT DRIVE**

1. Stock garden tractors with minor body alterations. DISCRETION OF OFFICIALS.
2. 4,000 RPM LIMIT
3. 1,000 pound weight limit.
4. Must be belt driven tractor, Wheel horse, Sears, MTD etc.
5. 23X10.50X12 max tire size.
6. Stock carburetor for engine.
7. Maximum .030" over bore. Stock stroke.
8. Stock head.
9. Gasoline only no alcohol.
10. Stock coil.
11. Can have a front weight bar.
12. Must have wheelie bars. All safety rules apply.
13. Clutches and/or belts must be covered.
14. Tractors will be divided by engine size into separate classes based off entries.

## **12-14 HP STOCK AND LADIES CLASS**

1. Single cylinder 14 HP engines and under.
2. 4,000 RPM limit, regardless of flywheel type.
3. 1,000 pounds weight limit.
4. All tractors must be stock in appearance. Officials must approve alterations.
5. All engines must have OEM dimensions and specifications noted in these rules.
6. Stock Block - can be sleeved - must maintain stock bore no more than .030 over.
7. Stock head.
8. Stock crankshaft stroke must be maintained. Steel cranks allowed.
9. Stock valves required.
10. After market camshafts permitted.
11. Stock carburetor required – venturi to be no more than 1.00" diameter.
12. Choke can be removed.
13. No intake standoffs allowed – 1 inch spacer maximum.
14. Exhaust for all tractors must discharge upwards or towards the rear of the tractor - not out to the side, unless running stock muffler (discretion of officials).
15. All clutch assemblies must be covered 180 degrees on topside. If you have belts, they must have a safety shield.
16. 13" hitch height maximum.
17. 23x10.50x 12 tire size maximum (can be sharpened).
18. Pump gas or racing gas allowed, no alcohol or nitro.
19. Water cooled engines and overhead valves permitted.
20. 56" Wheelbase max.
21. Dead Man throttle (must return to idle automatic).
22. Must have working kill switch with 2 inch ring.

## **16 HP SINGLE CYLINDER**

1. Single cylinder 16 HP and under
2. 4,500 RPM limit, regardless of flywheel type.
3. 1,050 pounds weight limit
4. 26x 12x 12 tire size maximum (can be sharpened)
5. All stock tractors must be stock in appearance. Officials must approve alterations.
6. All engines must have OEM dimensions and specifications noted in these rules.
7. Stock Block - can be sleeved - must maintain stock bore no more than .030 over.
8. Stock head.
9. Stock crankshaft stroke must be maintained.
10. Steel cranks allowed.
11. Stock valves required.
12. After market camshafts permitted.
13. Stock carburetor required – venturi to be no more than 1.00" diameter.
14. Choke can be removed.
15. No intake standoffs allowed – 1 inch spacer maximum.
16. Exhaust for all tractors must discharge upwards or towards the rear of the tractor - not out to the side, unless running stock muffler (discretion of officials).
17. All clutch assemblies must be covered 180 degrees on topside. If you have belts, they must have a safety shield.
18. 13" hitch height maximum.
19. Pump gas or racing gas allowed no alcohol or nitro.
20. Dead Man throttle (must return to idle automatic).
21. Must have working kill switch with 2 inch ring.

## **BIG TWIN CYLINDER**

1. 25 HP and under Two Cylinder
2. 4,000 RPM limit.
3. 1,050 pound weight limit.
4. 26 x 12 x 12 tire size maximum (can be sharpened).
5. All stock tractors must be stock in appearance; Officials must approve alterations.
6. All engines must have OEM dimensions and specifications noted in these rules.
7. Stock Block - can be sleeved; must maintain stock bore no more than .030 over.
8. Factory head, modifications allowed.
9. Steel cranks allowed.
10. After market camshafts permitted.
11. Butterfly style carburetor required – factory type down draft required.
12. Choke can be removed.
13. Exhaust for all tractors must discharge upwards or towards the rear of the tractor - not out to the side, unless running stock muffler (discretion of officials).
14. All flywheel and clutch assemblies must be covered 180 degrees on topside. If you have belts, they must have a safety shield.
15. 13" hitch height maximum.
16. Pump gas or racing gas allowed, no alcohol or nitro.
17. Water cooled engines and overhead valves permitted.
18. 56" Wheelbase max.
19. Dead Man throttle (must return to idle automatic).
20. Must have working kill switch with 2 inch ring.

### **SMALL TWIN**

1. Same as Big Twin *except* this class is limited to 20 HP-two cylinder.
2. Any type intake permitted.
3. 1.20 venturi butterfly carb max.
4. 4,500 RPM maximum.

## DIESEL CLASS

1. Engine size limit is 45 cubic inches, must be able to read size on block.
2. Single turbo.
3. 1,100 lb. weight limit.
4. 26x12x12 tire size limit.
5. Open RPM
6. Must run diesel fuel.
7. Only water can be injected for cooling.
8. No intercoolers permitted.
9. Must use factory intake and exhaust manifold for engine.
10. Exhaust for all tractors must discharge upwards and have two bolt cross in exhaust pipe after turbo. (Discretion of officials).
11. All flywheel and clutch assemblies must be covered 180 degrees on topside. If you have belts, they must have a safety shield.
12. 13" hitch height maximum.
13. 56" Wheelbase max.
14. Dead Man throttle (must return to idle automatic).
15. Must have working kill switch that shuts off fuel pumps and activates guillotine on turbo if equipped.

### **OPEN RPM TWIN CLASS**

1. Engine size limit is 47 cubic inches. Garden tractor engines only.
2. Must use factory head.
3. Open RPM.
4. Must use butterfly carburetor, maximum venturi 1.200"
5. Gas or Alcohol fuel only. (no nitro or nitrous)
6. 1,100 lb. weight class
7. 26x12x12 tire maximum.
8. 13" hitch height maximum.
9. 56" Wheelbase max.
10. Exhaust for all tractors must discharge upwards.
11. All flywheel and clutch assemblies must be covered 180 degrees on topside. If you have belts, they must have a safety shield.
12. Dead Man throttle (must return to idle automatic).
13. Must have working kill switch that shuts off Ignition and fuel pumps.

### **OPEN CLASS (RWYB)**

1. Must be garden tractor type engine. No motorcycle or automotive type.
2. 1,100 lb. weight limit.
3. 26x12x12 maximum tire size.
4. 13" hitch height maximum.
5. 60" Wheelbase max.
6. Gas, Diesel, or Alcohol fuel only.
7. Exhaust for all tractors must discharge upwards.
8. Must have working kill switch that shuts off fuel pumps and activates guillotine on turbo if equipped.
9. All flywheel and clutch assemblies must be covered 180 degrees on topside. If you have belts, they must have a safety shield.
10. Dead Man throttle (must return to idle automatic).

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