

2011 ALABAMA



Garden Tractor
Pulling Rules

2011

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 not more than once in the same class.
4. All drivers must sign a release form before they pull. Track owner or club is not responsible for accidents or damages.
5. No alcoholic beverages allowed.

TRACTOR CLASSES

| Class | Max Engine | Max Weight | Max Tires |
|-------------------------|------------------------------------|-------------------|------------------|
| Kids | 12 HP | 850 | 26x12x12 |
| Garden Stock | 14 HP or less 1 cylinder | 1,000 pounds | 23x10.50x12 |
| Light Stock Modified | 12 HP or less 1 cylinder | 900 pounds | 26x12x12 |
| Heavy Stock Modified | 16 HP or less 1 cylinder | 1,050 pounds | 26x12x12 |
| Twin | 25 HP or less 1 or 2 cylinder | 1,050 pounds | 26x12x12 |
| Super Stock | 45 cubic inch 1 or 2 cylinder | 1,050 pounds | 26x12x12 |
| Pro Stock / Open | 50.5 cubic inch 1 or 2 cylinder | 1,050 pounds | 26x12x12 |

Refer to each class rules for more details.

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 except Kids and Garden Stock.
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.)
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. You may drive onto scales and TURN ENGINE OFF. All tractors will be pushed 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 official's discretion. Hitch height must be checked with weight bar extended.
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. FUEL CANNOT 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, which goes into the purse money.

2. Pulling position determined by drawing.
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. Puller must be OFF the tractor while hooking to prevent injury to the individual responsible for hooking the sled to the tractor. The tractor's engine may be running during the hooking process, but the puller may not remount the tractor until it is hooked and the area between the tractor and sled is clear.
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.
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

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).

KIDS

1. Ages 14 and under (age determined at start of season)
2. Rules same as Light Stock Mod---except weight limit is 8501bs.
3. Adult can help start & stop tractor but cannot touch it while pull is in progress.

GARDEN STOCK

1. Stock garden tractors with minor body alterations. DISCRETION OF OFFICIALS.
2. 4000 RPM LIMIT
3. 1000 pound weight limit, 14 HP and under single cylinder (can run OHV).
4. 23X10.50X12 uncut tire on steel wheels (wheels cannot be altered).
5. Stock carburetor with choke butterfly, no velocity stack allowed. Air cleaner required.
6. Maximum .030" over bore. Stock stroke.
7. Stock engine manufactured camshafts. (Kohler part in a Kohler engine, etc.)
8. Stock crank and rod (no pop up).
9. Stock head, no welding. Composite head gasket.
10. Stock type clutch but can have aftermarket spring.
11. Stock transmission.
12. Stock pulleys on belt drive.
13. Pump gas and no electric fuel pump.
14. Stock coil.
15. Can have a front weight bar.
16. Must have wheelie bars. All safety rules apply.
17. Clutches and/or belts must be covered.



LIGHT STOCK MODIFIED

1. Single cylinder 12 HP engines and under.
2. 4000 RPM limit, regardless of flywheel type.
3. 900 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. .330" max lift at zero lash.
11. Head gasket must be a composition gasket – no copper gaskets.
12. Stock carburetor required – venturi to be no more than 1.200" diameter.
13. Choke can be removed.
14. No intake standoffs allowed – 1 inch spacer maximum.
15. No porting or polishing of intake and exhaust areas allowed. Deburring in these areas is permitted.
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. 26x 12x 12 tire size maximum (can be sharpened).
20. Pump gas or racing gas allowed, no alcohol or nitro.
21. No electric fuel pumps.
22. Canister type coil, no high performance alterations (discretion of officials).
23. Water cooled engines and overhead valves permitted.
24. 60" Wheelbase max.

25. Dead Man throttle (must return to idle automatic).
26. Must have working kill switch with 2 inch ring.

LIGHT STOCK MODIFIED – UNCUT TIRES

1. Same as Light Stock Modified except this class requires uncut tires. No V-cut tires.



HEAVY STOCK MODIFIED

1. Single cylinder 16 HP and under
2. 4000 RPM limit, regardless of flywheel type.
3. 1050 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. Piston must meet OEM dimensions and specifications. Max pop-up .020" allowed in Heavy Stock Mod ONLY.
10. Stock crankshaft stroke must be maintained. Steel cranks allowed, except in Garden Stock class.
11. Stock valves required.
12. After market camshafts permitted. .330" max lift at zero lash.
13. Head gasket must be a composition gasket – no copper gaskets.
14. Stock carburetor required – venturi to be no more than 1.200" diameter.
15. Choke can be removed.
16. No intake standoffs allowed – 1 inch spacer maximum.
17. No porting or polishing of intake and exhaust areas allowed. Deburring in these areas is permitted.
18. 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)
19. All clutch assemblies must be covered 180 degrees on topside. If you have belts, they must have a safety shield
20. 13" hitch height maximum
21. Pump gas or racing gas allowed, no alcohol or nitro
22. No electric fuel pumps
23. Canister type coil, no high performance alterations (discretion of officials)

- 24. Water cooled engines and overhead valves permitted
- 25. 60" Wheelbase max
- 26. Dead Man throttle (must return to idle automatic)
- 27. Must have working kill switch with 2 inch ring

HEAVY STOCK MODIFIED – UNCUT TIRES

- 1. Same rules as Heavy Stock Modified; except this class requires uncut tires. No V-cut tires.



TWIN CYLINDER

1. 25 HP and under Twin Cylinder & Single Cylinder engine.
2. 4000 RPM limit, regardless of flywheel type.
3. 1050 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. Stock head.
9. Piston must meet OEM dimensions and specifications.
10. Stock crankshaft stroke must be maintained; Steel cranks allowed.
11. Stock valves required.
12. After market camshafts permitted. .330" max lift at zero lash.
13. Head gasket must be a composition gasket – no copper gaskets.
14. Stock carburetor required – venturi to be no more than 1.200" diameter.
15. Choke can be removed.
16. No intake standoffs allowed – 1 inch spacer maximum.
17. No porting or polishing of intake and exhaust areas allowed. Deburring in these areas is permitted.
18. 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).
19. All clutch assemblies must be covered 180 degrees on top side. If you have belts, they must have a safety shield.
20. 13" hitch height maximum.
21. Pump gas or racing gas allowed, no alcohol or nitro.
22. No electric fuel pumps.
23. Canister type coil, no high performance alterations (discretion of officials).
24. Water cooled engines and overhead valves permitted.

25. 60" Wheelbase max.

26. Dead Man throttle (must return to idle automatic).

27. Must have working kill switch with 2 inch ring.



SUPER STOCK

1. 45 cubic inch or less single cylinder or twin cylinder air cooled engine
2. Stock appearing tractors; must have a hood, grill and fenders
3. 1050 pound weight Limit
4. Maximum tire size: 26x12x12 (can be sharpened)
5. Steel or billet flywheel required
6. No stroker crankshafts
7. Any camshaft and valve size permitted
8. Any head modification allowed
9. Carburetor limited to 1.200 inches venturi; standoff pipe or RAM tube permitted
10. No RPM limits
11. Must have scatter shield (positioned opposite engine side of camshaft) on one cylinder engine; must be 1/8th inch steel or 3/16th inch aluminum; shield must be attached securely at top of engine and at the bottom of engine; minimum of 7 inches wide; on twins – 1/8th inch steel or 3/16th inch aluminum on external sides of engine cylinders, extending from head gasket to frame, full width of crankcase.
12. Gas or alcohol permitted
13. No pressurized fuel tanks or nitrous oxide
14. All clutches and belts/pullies must be covered with 1/8th inch steel, 360 degrees
15. Drive shafts must be covered or have drive shaft loops
16. No blowers or turbos
17. No after market jugs
18. Fire extinguishers required on tractors running alcohol
19. Fire suit and approved DOT helmet required; must be properly used
20. Kill switch required; must kill tractor and shut off electric fuel pump
21. Dead Man throttle required

PRO STOCK / OPEN

1. 50.5 cubic inch or less single cylinder or twin cylinder air cooled engine.
2. 1050 pound weight Limit.
3. Maximum tire size: 26x12x12 (can be sharpened).
4. Steel or billet flywheel required.
5. Any camshaft and valve size permitted.
6. Any head modification allowed.
7. No carburetor limit.
8. No RPM limits.
9. Must have scatter shield (positioned opposite engine side of camshaft) on one cylinder engine; must be 1/8th inch steel or 3/16th inch aluminum; shield must be attached securely at top of engine and at the bottom of engine; minimum of 7 inches wide; on twins – 1/8th inch steel or 3/16th inch aluminum on external sides of engine cylinders, extending from head gasket to frame, full width of crankcase.
10. Gas or alcohol permitted.
11. No pressurized fuel tanks or nitrous oxide.
12. All clutches and belts/pullies must be covered with 1/8th inch steel, 360 degrees.
13. Drive shafts must be covered or have drive shaft loops.
14. No blowers or turbos.
15. No after market jugs.
16. Fire extinguishers required on tractors running alcohol.
17. Fire suit and approved DOT helmet required; must be properly used.
18. Kill switch required; must kill tractor and shut off electric fuel pump.
19. Dead Man throttle required.

750cc

1. 750cc – 4 cylinder motorcycle engine, -Air or water cooled. No Automotive or Marine Engines allowed.
2. 1,100 pound weight limit.
3. 26x 12x 12 Tire size max. (can be sharpened).
4. Engine must be naturally aspirated. No blowers or turbo chargers.
5. Working brake preferred.
6. All U-joints must be shielded 360 degrees and must have drive shaft loops.
7. All chains must have safety shields.
8. All tractors must have sturdy, safely secured fender to protect driver from tires.
9. Pro-Stock no larger than 50.5 cubic inch may pull in this class (if protested-use Pro Stock rules).



LIGHT & HEAVY OUTLAW

1. 1200cc and under-4 cylinder max (air or water cooled) No 6 Cylinders, No Automotive or Marine Engines
2. Frame of your choice-no longer than 8 feet and no wider than 6 feet (See rule #48 in the General Rules for All Tractors for more detail)
3. Weigh Limit: Light Outlaw---1250lbs Heavy Outlaw---1300lbs
4. Tires: 34 X 18 X 15 Maximum
5. Fuel is open. No turbo chargers and NO BLOWERS
6. Working brake required
7. All chains must have safety shields
8. All tractors must have sturdy, safely secured fenders to protect driver from tires
9. All U-joints must be shielded 360 degrees and have drive shaft loops
10. Other engines accepted in this class are: Four One-Cylinder engines tied together or Two Two-Cylinder engines tied together for a maximum of 4 Cylinders
11. 5/16th inch safety cable from frame to frame must be used to reinforce the hitch