

# VALLEY PULLERS

## General Rules:

1. General rules apply to all classes.
2. All contestants enter at their own risk and will not hold the event sponsor, property owner or track officials or any other hosting or sponsoring party liable for any accident injury or damage that may occur during this contest. Committee reserves the right to change line-up, reject or disqualify any entry for rule infraction. Classes may be discontinued due to time restrictions.
3. NO alcoholic beverages or drugs allowed. Any driver consuming alcohol or ingesting drugs or otherwise exhibiting that they are "under the influence" of same, before or during the pull, will be disqualified. Drivers or spectators consuming alcohol or ingesting drugs or otherwise exhibiting that they are "under the influence" of same will be directed by either track officials, event organizer or property owner to leave the property.
4. No vulgar, obscene language or conduct, unnecessary speed or reckless driving before, during or after the pull is allowed and the sponsor, property owner or track officials or any other hosting or sponsoring party reserves the right to disqualify the participant and require the offending party or spectator to depart the property.
5. All tractors must be weighed in and tech checked prior to registration.
6. All drivers/operators must attend Driver's Meeting. No questions will be accepted or answers tendered following completion of driver's meeting.
7. Drivers must wear proper clothing: shirt, long pants and shoes. No flip flops or open toed shoes.

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8. All tractors must be shut off during singing or playing of the National Anthem.
9. A tractor may only be registered and entered once per class. Driver that is on the tractor during tech check must be identified on the registration form and must be the operator during the class registered for. Change of driver for second round or an additional class is allowed but tractor and change driver combination for additional class must be tech checked following first driver's completed class.
10. All tractors for the first class must be registered 15 minutes prior to event start time (no exceptions). Registration for all following classes must be completed prior to 5<sup>th</sup> tractor from the end of the previous class hooking to the sled.
11. All contestants (parent or legal guardian for minors under the age of 18) must complete and sign "Waiver of Liability". Any substitute contestant (driver) must likewise complete this requirement. Any contestant (driver) failing to have signed the waiver will be disqualified and forfeit entry fee, payout and tractor points.
12. In the event of inclement weather, sled breakage or other unforeseen cause of pull stoppage/cancellation the registration fee will be returned to any contestant who has not completed their hook. Payouts will be adjusted based on number of hooks completed.
13. Only track maintenance equipment operators, track officials and tractor operator (plus one adult supervisor for youth classes only) are allowed on the track or in the contestant area during a pull. All photographers, videographers or non-contestants must remain off of the track and outside the contestant area during a pull. Driver/tractor subject to disqualification if track official determines a violation has occurred.

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14. Contest is open to 2 wheel drive, rear wheel drive rubber tire garden tractors only. Rear fenders must be in place. Clutches, belts and open drive shafts must be shielded same as factory. Tractor may not exceed 6 feet in width or extend more than 7 ' in front of the rear axle. Weight brackets/weights may not extend behind the rear of the rear tires. All weights must be securely fastened. Weights, tractor parts or other objects lost, falling or dropping off of the tractor or driver while the hook is in the hitch will be cause disqualification. Driver's seats must be stock type or have a minimum of 3" high back. Mower attachments must be removed or have the driver mechanism removed. All tractors must have a working governor set at the maximum engine speed for the class or less, at full throttle. Tractors must be equipped with a hitch stable in all directions. Hitch must have a 1.5" hole for sled hook and be 1/2" thick at the point of the hook. Maximum length of 16" from center of rear axle to hook point. A clevis may be used.
15. Tractors may pull in upper classes if fit upper class rules and all required safety equipment is in place and used.
16. All vehicles must be in neutral or park (transmission selector) while being hitched or unhitched. The Driver must raise one hand while hooking and unhooking to acknowledge vehicle is in neutral.
17. All pulling vehicles must have workable brakes.
18. Track officials have final say. All tractors must stop immediately at the direction of the flagman.
19. No portion of the tractor or truck shall interfere with the sled or sled hitching device during a pull.
20. Contestant has 2 (two) minutes from the time the sled has backed into place to be hooked to pull and 1 (one) additional minute (3 (three) minutes total) to be underway.
21. Flagman in control from start to stop of hook.

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22. Venue owner or track officials shall set commitment distance prior to start of class.
23. First tractor in each class is a test hook. Owner/driver has option of taking the distance or coming back last. Decision must be rendered to the track officials and transmitted to the scoring table prior to exiting the track.
24. If the track official asks to see something on your tractor and you refuse, it is an automatic disqualification for the class in which it is entered and in progress and prior to start of following class.
25. Protest fee is \$200.00. All protests must be lodged by the Protestor to the flagman prior to the end of the class and exit of final tractor of the class.
26. Protested tractor shall be checked by event officials along with protestor's tractor.
27. If protested or protestor's tractor is found illegal it is an automatic DQ and forfeits entry fee, payout and points.
28. If protested tractor is found legal the protested tractor owner gets \$150.00 of the protest fee and the remaining \$50.00 goes to the pullers club. Protestor forfeits the fee if tractor is found legal or no other disqualification noted.
29. All tractors must have wheelie bars capable of holding weight of tractor. Maximum of 5" above the ground and must be at least 5" behind the rear tire. Skid plates must be at least 2"x 3", or wheels. Wheelie wheels will be measured to the center of the wheel.
30. Helmets required in all classes.
31. Fire suits are required for alcohol fueled tractors.
32. All tractors must be weighed and hitch height checked with the driver sitting in seat, facing front of tractor and hands on steering

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- wheel with all clothing and safety equipment in place. No driver change/switch allowed following weigh-in and tech check.
33. No alterations or additions of any component on tractor following completion of tech check prior to hooking to the sled or during the hook.
  34. Tractor must pull in the order drawn. No swapping pulling positions between tractors of any competitor or team.
  35. All pulls start from a tight chain. No jerking permitted during the pull, contestants will be allowed 2 (two) attempts to move sled for official measurement. Each contestant has two attempts, only if on the first attempt the puller stops before the commitment cone/line or mark. Puller may make gear change or weight adjustments.
  36. Pull shall be over when forward motion stops; the flagman shall keep hole digging to a minimum. Whenever you are red flagged, you are to stop your tractor and shut down immediately.
  37. First place tractor in each class must sequester at designated area and will be subject to tech check and then be released by track official.
  38. Class entry fee \$10.00 per tractor per class per run or as set by venue committee. Class entry fee refundable only before the first hook of the class.
  39. Class payouts per published payout table. Class payouts shall be made day of pull. No payouts will be mailed.
  40. Points series one time yearly entry fee per tractor per class for 2021: \$20.00 (non-refundable). Point series registration stickers must be placed on right hand side of the tractor in presence of track official. Motor and frame must remain unchanged throughout the pulling year. Any equipment swap or modification requires new entry fee and new registration number.

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41. Points are only given/assigned to points class tractors. "Show" points will be given to tractors that arrive for pull events and if their class is cancelled either before or during the event caused by inclement weather or other reason as determined by track officials. Non-Points tractors do not effect points table. Points table set prior to start of year. (Typically 50 points for first and decreasing by 2 for other lower placings.) Unless disqualified any tractor finishing 26<sup>th</sup> or lower shall receive one point for entry into the class. No points are given/assigned to a points class tractor if it is not at an event.
42. Pull offs are required for any ties in top 10 placers in a class. At tied pullers options, pull offs can either be acquiesced or determined by drawing of lots. All other lower placing ties shall split any payouts or points.
43. **ALL TRACTORS ARE SUBJECT TO TECH CHECK, REWEIGH, HITCH HEIGHT OR RPM CHECK AT ANY TIME.**
44. **ALL CLASSES ARE 1,050 LB MAXIMUM WEIGHT INCLUDING THE DRIVER SITTING ON THE SEAT.**

## Individual Tractor Class Rules:

### **14 hp & 16 hp Stock (single cylinder) --Youth (no points) and Adult (points optional)**

Youth class is for children 5 through the age of 12. If you are over age 12 you must register and pull in the Adult class.

Stock wheel base--no alterations, 23x10.50 or stock size tires--no cuts, maximum 10 inch hitch height, 4000 RPM's (hot) -- no tolerance, stock stroke, Points ignition. No more than .030 overbore, 330 lift cam--no lash, stock valves, no velocity stacks or carb spacers, No bigger than a #30 carb, No electric fuel pumps, No alcohol, Head straps--steel flywheels are ok, No 2 speeds, Factory front axles.

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Stock tractors must appear as manufactured with standard type single cylinder engine or equivalent replacement and stock appearing drive train for make and model. Engine: no aftermarket blocks, maximum over bore .030 from stock bore of engine, stock stroke, steel crankshaft okay, valve allowed maximum lift .330 inches stock size valves for engine being used or equivalent replacement and stock valve seats. Must have cast camshaft, regrinding allowed. Porting is allowed. No welding, grinding or polishing on cylinder head. No after market heads are allowed. OEM valve seats and valves for factory rated H.P of the engine model being used. OEM type carburetor for engine used no carburetor spacers or velocity stacks. Maximum venturi diameter of 1.00", no air entering after venturi. No bottom adjust carbs. No aftermarket crank trigger ignition system. No high performance fuel pumps. Steel or cast flywheel permitted. No cutting, welding or adding weight to flywheel. Foot or hand throttle permitted. Maximum of 4000 RPM, governor must be hooked up and working. Exhaust pipes with no mufflers, must discharge vertically, 12" maximum from center of bend. Gas or race fuel is permitted: no specific gravity less than .700 or over .770 measured at 60 degrees, no additives, no nitrous oxide or any other pressurized fuel tanks. 23x10.50x12" maximum rear tire size. No tire cutting permitted. No pro puller tires. 6 or 8" front wheels permitted. After market wheels and 3 ribs tires permitted. 10" hitch height. Must maintain factory stance.

## **14 hp Modified (single cylinder) (points optional)**

Drivers must be 16 yrs of age or older. Engine: stock stroke, points ignition. No welding, or cutting of the jug. Maximum .060 overbore, 1.2 carb (30 mm)--no alcohol. Head straps are required, Steel flywheel, clutch components must be shielded 360 degrees with 1/8" steel or 3/16" aluminum. Gas or ethanol based fuel is permitted, NO alcohol, or nitrous. No cast pulleys. Stock wheel base, Factory front axles, Maximum 23x10.50 tire size--no cut tires, maximum 10 inch hitch height. Fire extinguisher, Wheelie bars and dead man throttle spring are mandatory.

## **16 Modified (single cylinder) (points optional)**

Drivers must be 16 yrs of age or older. Engine: stock stroke, points ignition. No welding, or cutting of the jug. Maximum .060 overbore, 1.2 carb (30 mm). Head straps are required, Steel flywheel, clutch components must be shielded 360 degrees with 1/8" steel or 3/16" aluminum. Gas or ethanol based fuel is permitted, maximum specific gravity of .75. No nitrous. No cast pulleys. Stock

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wheel base, Factory front axles, Maximum 23x10.50 tire size--no cut tires, maximum 10 inch hitch height. Fire extinguisher, Wheelie bars and dead man throttle spring are mandatory. Full fire suits must be worn.

## **Max Stock (single cylinder) (points optional)**

Must be block of Kohler, Briggs or Tecumseh single cylinder, flat head engines 15 HP or under, with nine bolt heads. Max 4000 RPM (hot). Foot or hand throttle permitted. Fuel may be gas or VP, C12, no alcohol. The engine must look like stock on the outside. Must have stock stroke for engine, all other internal modifications are acceptable. An access hole over the piston is recommended for checking purposes. After market points and electronic ignition allowed. The head may be aftermarket or billet, but must look like an EOM, i. e. must have fins, head bolts, must match a stock EOM head gasket. Head straps are allowed. OEM cast flywheel with no cutting, welding, or adding weight or steel flywheels acceptable. Carburetor must be stock for engine or a Kohler or Walbro, Carb Spacers, Velocity stacks and bottom adjusts are acceptable. No high performance fuel pumps. Exhaust pipes, with NO mufflers, must discharge vertically, 12" minimum from center of the bend. 26x12.00x12 max rear tire size, with maximum roll out of 78". Tire cutting permitted. Professional pulling tires allowed this includes tires by Dick Cepek, Lawn Etc, Pit Bull and VM series tires. Aftermarket wheels and 3 rib tires permitted. 13" hitch height. The hitch must have a 1.5" diameter hole for sled hook and be 1/2" thick at point of hook. Must use stock garden tractor frame and drive train, but may be modified for engine installation. No portion of any tractor may exceed 7 feet forward of the center of the rear wheel, including weight 52" wheelbase maximum. Engine tech items will be RPM (hot) with no tolerance, stock stroke, exterior appearance and not alcohol. If engine is other K-Kohler you must supply tech person with a stock head gasket for your engine.

## **Small Twins--14-20 HP, 4000 rpm limit (points optional)**

24x12x12 tires--no cuts, No alcohol, 12 inch hitch, 1 inch carb, No carb spacers or velocity stacks.

## **Big Twins--21-30 HP, 4000 rpm limit (points optional)**

26x12x12 tires--no pro tires--cuts allowed, No alcohol, No carb spacers or velocity stacks, 13 inch hitch, 1 inch carb for single barrel, 22mm or .866 carb for 2 barrel.



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## **Pro Stock (points optional)**

Drivers must be 16 yrs of age or older. NOS Rules. 50.5 cubic inch limit, pro/super stocks. All pro/super/ altered will be following the National Quarter Scale Pullers rules (NQS). <https://nqspulling.org>  
Kill switches with a 1" diameter hole are required.

## **Super Stock (points optional)**

Drivers must be 16 yrs of age or older. Carb only, NOS rules.  
Kill switches with a 1" diameter hole are required.

## **Light Limited Diesel (points optional)**

Drivers must be 16 yrs of age or older. NOS Rules. 3 Cylinders.  
Big tire-pro tire-cuts allowed, 13 inch hitch height.  
Kill switches with a 1" diameter hole are required.