

# **SLEDGE HAMMER PULLING**

## **2011 Rules**

Revised 03/01/2011

## 2011 GENERAL RULES FOR ALL CLASSES

1. ALL drivers must be able to operate the tractor in a safe manner, be able to stop forward motion of their tractor at any given time with no assistance during their pull, start flag to unhook. (Assistance can be given to hook the tractor, lock it in gear (if needed) & then helper must leave the track before the green flag is given). Any driver may be required to perform a driving test at the discretion of any two (2) rules committee members/officers at any time.
2. Drivers must have control of the tractor at all times. Chain must be tight before starting sled. NO jerking, bouncing or shifting gears. When you receive the red flag, your pull is over. All drivers must obey the flagman. All tractors must be switched off or placed in neutral, throttle returned to idle and driver's hands placed in the air to signal track workers it is safe to hook or Unhook tractor from the sled.
3. Driver only - no riders while tractor is being driven or towed. No tractors are to be left unattended while running.
4. Driver must wear shirt, long pants and closed toe shoes while pulling.
5. Driver must remain in the seat at all times; maintain a complete full grip on the steering wheel with one hand at all times during pull.
6. No smoking while pulling. No hot Roding on or off the track.
7. All tractors not ready to hook when sled is spotted will drop to LAST in the class and have two minutes to hook.
8. Each tractor may be entered twice in each class, with only the longest pull placing for trophy, only one trophy per tractor per class.
9. No entries will be taken or refunded after the start of the class. Pulling position will be determined by drawing prior to start of pull and draw number written on registration form; otherwise that entry will go to the bottom of pulling order for that class. Any entries received less than 15 minutes before posted start time will be placed at the bottom of pulling order for that class. Draw number and DRIVER'S name must be written legibly on the registration form. If driver should change, table workers must be notified.
10. Any pull not past the twenty-five foot mark will be allowed only one more attempt.
11. Any tire of tractor going out of bounds or crossing the out-of-bounds line or puller flagged for any reason will stop pull at that point. In the event that the tractor is the first hook in the class, it will not be allowed to come back 3<sup>rd</sup> or last (meaning there will be no 2<sup>nd</sup> chance). The flagman will make these Determinations and is the final authority.
12. All complaints/concerns of sled operator, scales or sled owner will be directed to the flagman. If a driver/owner is warned by the flagman or any official for any rules violation, the following will apply. Any reprimands and/or concerns will be recorded, signed and kept on file. No one is allowed on the track except the officials working the track. (Flag to Flag).
13. Weigh-in will start one (1) hour before the pull starts. Once the scales are set, they cannot be moved without approval of the sponsor or a club official. ALL tractors must cross the scales for weight verification before pulling each class. Hitting or moving the scales will be cause for disqualification (as per rule #12) ALL tractors will be kept in the staging area until pulling. Tractor and driver may not exceed weight for class. In the event of a tractor reweigh, Total weight may not exceed class weight plus five (5) pounds.
14. The first official measured puller in each class has the option of accepting first pull or may decline and come back and pull 3<sup>rd</sup> or come back last. The first puller in each class will NOT lose their option in the event of sled Change or sled reweigh. If you are the first hook in a class and an object falls on the track, or the tractor goes out of bounds, there will be no option to come back third or last.
15. All tractors must have working brakes and seats with a back of 3" to keep driver from sliding, Wheelie bars, hitch with 1-1/2" minimum opening for hook, kill switch for all tractors except stock, and fenders of a safe design. Fenders and footrest should be designed to keep feet and legs from coming into contact with tires. Exhaust, if not stock, must be discharged up. Dual wheels, four wheel drives and tire chains will not be allowed. All clutches must have shielding, and all OEM shielding must be in place, including fenders. All starter generator pulleys must be shielded. This shield must be designed and secured to contain pulley in case of breakage. Hitches and kill switches must be easily accessible for hooking & unhooking. All stock tractors must be set up for the use of an optical tachometer for reading RPM's. All wheelie bars shall be mounted in a manner to prevent movement.
16. A tractor must be running, hook to the sled and attempt to move the sled to receive points. Any object falling on the track is cause for disqualification (hook to flag).
17. All tractors must have a current technical inspection sticker showing they have been inspected before pulling. Owners & drivers are encouraged to keep their tractors clean and presentable to the public.
18. Maximum length of tractor & weights cannot exceed 84" from the center of the rear axle to the furthest most forward point. Maximum width of tractor shall not exceed 50".
19. The sponsor will be the only person to cancel or reschedule a pull. Any class change decisions will be made by the track officials, the sponsor and the club members attending the pull.
20. There will no excessive leaning (side to side or backwards). Long hair or ponytails must be kept tied short enough to keep from getting caught in wheels. Anyone under 10 years of age must take & pass a driving test and will be required to wear a helmet.
21. There will be Absolutely NO Alcoholic beverages consumed on the premises before and during the pull. Please show some respect and maturity for are children.

## 2011 STOCK CLASS RULES

General rules for all classes plus the following:

1. Driver must be able to operate tractor according to General Rule #1. Youth Drivers must wear a helmet when pulling.
2. All tractors must have stock OEM type engines. Transmission case must match tractor frame. Wheelbase cannot be altered, Stock front axle, and engine must be in original location.
3. All engines to have working governors. Engine cannot exceed 3850 RPM at any time. RPM may be checked before or after pulling. All throttles must have a positive stop and all foot throttles must have a positive stop under pedal.
4. All engines must be stock unmodified OEM parts.
  - \* Bore can be up to +.030 oversized.
  - \* No porting or polishing allowed.
  - \* All cams and carburetors must be OEM specification #26 for 12hp No larger, and cannot be altered.
  - \* Points Must be in original configuration, No Chevy points
  - \* Balancing is not allowed.
  - \* Only OEM stock and Inserted rods are allowed.
  - \* No modifications to the inner or outer portion of the exhaust port. Muffler threads must be present.
  - \* A considered stock Kohler camshaft to measure .323" lift and 217 degrees duration on both intake and exhaust lobes, with valve lash set to zero. The stock class accepts specifications for the K-series Kohler as the unofficial standard for engines, which are common to most older garden tractors.
5. Maximum tire size: 23x10.50x12 bar tires Only. No cut tires, All tires subject to judges approval. 10" wide wheel, Aluminum wheels allowed.
6. Maximum drawbar height is thirteen (13) inches.
7. Must run pump gas only, NO alcohol or additives.
8. All tractors must have reverse gears and be able to back to the sled using reverse gear; tractors may be pushed back to the sled.

Safety:

- Full face helmet (Recommended)

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## 2011 SPORT STOCK

General rules for all classes plus the following:

1. Engine: Stock engine stroke, bore may be cleaned up .030" No pop-out pistons. Stock Head, No welding of the head, No recast or billet heads, Porting and polishing is permitted, Steel crank optional, 4 bolt rods are permitted, must remain stock length Stock OEM pistons. No visible modifications to the engine block, all-thread through finned area of the block is permitted. Must have head strapped Steel Flywheels are Mandatory.
2. Cam: .330" valve lift, open duration
3. Valve: Stock valve head diameter(1.380 intake 1.125 exhaust for 10&12 hp, 1.380 intake 1.380 exhaust for 14&16 hp)
4. Carb: No larger than a 1" venturi, No velocity stacks, No carb spacers.
5. Fuel: Any pump gas including E-85, NO Methanol
6. Ignition: Any ignition system permitted: point, electronic, crank trigger, etc.)
7. Tires: Any brand, any cut Max size 26x12x12.
8. Open or locked rear axle permitted, May use aftermarket gears.
9. 52" wheel base
10. 13" hitch height
11. Dead man throttle and a fire extinguisher are required.
12. Must have working kill switch mounted to the rear of the tractor, must be able to shut off engine and electric fuel pumps.
13. All shields must be 3/16" aluminum or 1/8" steel. All tractors must have engine shields on throw-side of the block. Throw-side shielding must be attached to the head and the frame in a secure manner or a head strap is to be used. Belt driven Accessories must be shielded or the belt removed. All flywheels and clutches must be shielded 360 degrees.

Safety:

- Fire Suit (Recommended)
- Full face helmet (Mandatory)

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## 2011 ATV

1. ALL VEHICLES MUST BE OPERATED IN A SAFE MANNER AT ALL TIMES!!
2. Ages 16 and up, riders less than 18 must have parental or guardian signature.
3. Event open to all ATV 4 wheelers, or UTV's
4. Entries close one half hour prior to event; all pullers must attend drivers meeting.
5. NO blocking of front or rear end, NO suspension bars, NO aftermarket exhaust except in modified class.
6. Contestants enter contest at their own risk and are responsible for injuries or damages to others caused by them or their ATV.
7. All rules and equipment apply for every class.
8. Shoes, Shirt and Helmet are required, full length pants preferred.
9. NO Nitrous, Alcohol, or Nitro can be used; fuel will be tested if protested.
10. Only ATV tires allowed, NO studs, duals or chains (tires are subject to judges approval)
11. Weight brackets will be measured from center of rear axle cannot exceed 80".
12. Hitch height must not exceed 15".
13. All ATV's must be weighed with all weights, rider and helmet.
14. All ATV's will be classed by using factory decal or stamping on block. (If we can't see it you can't pull It!!) You can move up in class only
15. An ATV may be entered twice in their class (with two different riders)
16. When class starts, all ATV's will get in pulling order. Must pull position drawn. The first puller is a test puller and may drop to pull again in third position, driver must let officials know of drop before leaving track.
17. ATV's will display their position on front of ATV.
18. Maximum pull for restart is 25 feet.
19. Weight must be securely attached; loss of weight during pull could result in DQ.
20. Puller must start for from tight hitch. Start and stop on signal from flagman.
21. ATV must remain in boundaries of track during their pull or be disqualified.
22. Driver must remain on seat, No part of the body may break the plane of the handle bars.
23. No wiggling or bouncing.
24. Pull ends when forward motion stops or you are flagged to stop.
25. If and when you are asked to leave or you are disqualified, registration fees and or admission fees WILL NOT BE REFUNDED.
26. Must be at least three entries for class to run.
27. Rules subject to change or modification.

## 2011 PULLING CLASSES

### (STOCK CLASSES)

#### (YOUTH AGES 15 AND UNDER)

800 lb. - 13HP AND UNDER  
900 lb. - 13HP AND UNDER  
800 lb. - 13HP AND OVER  
900 lb. - 13HP AND OVER

#### (ADULT AGES 16 AND UP)

1000 lb. - 13HP AND UNDER  
1100 lb. - 13HP AND UNDER  
1000 lb. - 13HP AND OVER  
1100 lb. - 13HP AND OVER

#### (MODIFIED TRACTOR CLASSES)

1050 lb. - 13HP & UNDER (sport stock)  
1050 lb. - 13HP & OVER (sport stock)  
1050 lb. - Stock Altered (NQS)  
1050 lb. - Pro Stock (NQS)  
1150 lb. - Compact Diesel (NQS)  
1050 lb. - OPEN

### (ATV CLASSES)

000-500cc 2x4 - 1050 lbs.  
000-500cc 4x4 - 1050 lbs.  
501-700cc 2x4 - 1150 lbs.  
501-700cc 4x4 - 1150 lbs.  
701cc-Up 4x4 - 1200 lbs.  
Open 4x4 - 1200 lbs.  
Open Utv 4x4 - 1550 lbs.

**ALL DECISIONS BY TRACK OFFICIALS OR JUDGES ARE FINAL!!!**