



## Vermilion River Lawnmower Racing Rules and Regulations

Hello, Race Fans!!

The **Vermilion Agricultural Society: Vermilion River Lawnmower Racing committee** is pleased to host multiple **Lawnmower Racing Events**.

### **Description of Event**

Lawnmower racing is a fun, family-friendly event. Racers age from 8 and up with everyone welcome to participate.

Lawnmower racing is catching on in Canada. The sport is sometimes called the “poor man’s NASCAR,” machines can reach 100 km/h with engines having from 8 to 90 horsepower and cost from \$500 to \$5,000 to build depending on the racing class.

### **Our Track**

- Outside Oval Track size 20’-25’ wide, with 220’ straight away and a total length of 920’.
- The stock track is 618’
- The inside road track is 1200’ in length with challenging turns and a great straightaway.
- Classes based on configuration of tractors following Alberta Lawnmower Racing guidelines.
- The average race consists of 3 – 10 laps depending on the class.
- 4-8 drivers per race.
- Waivers must be signed by all participants.
- A pit area would be established prior to race day.
- Entrance and Exit lanes will be marked at race day.

To register use the following link or register the day of the event. <https://form.jotform.com/242217841228252>

If you have any questions please contact:

Heine Westergaard

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## **READ GENERAL RULES AS WELL ADDITIONAL RULES APPLY.**

All rules should be read thoroughly as they will be enforced at all events, and subject to a technical inspection at the discretion of the Tech Inspector or Race Director. When in doubt, ask for a ruling in advance to ensure that you are not disqualified during the event.

The Vermilion Ag Society Lawnmower Racing Committee reserves the right to make changes to the rules for safety and the benefit and growth of lawnmower racing.

Please forward any questions, suggestions, or concerns to the association executive.

### **Code of Conduct**

We believe in supporting good sportsmanship and fair competition while maintaining a common sense approach and keeping it simple and fun for everyone.

-No drugs or alcohol shall be consumed during any race event. Doing so will result in immediate disqualification from that event and continued infractions may result in being ejected from future events.

-Profanity or insulting behaviour will not be tolerated.

-Each racer is responsible for his/her guests and crew while at the race event. This includes while you are on the track.

-Tractors must remain at a minimum speed while in the pit area and starting grid area.

-All racers must register prior to the event.

-It is the responsibility of each participant to read and understand any and all rules that may apply. If you are in doubt, ask either the Tech Inspector or Race Director to avoid disqualification.

### **Personal Protective Equipment**

The following equipment must be worn at all times when operating the racer: Motorcross style CSA/DOT approved helmet, eye protection (goggles, visor, glasses), boots that cover the participants ankles recommended, long pants, and a long sleeved shirt or jacket (coveralls are recommended). Chest protector and neck brace recommended for modified stock and super stock classes, mandatory for outlaw class.

### **Race/Track Rules**

-Lawnmowers must give right of way to larger vehicles in the pit area. Being smaller, lawn tractors are difficult to see from larger vehicles. Be aware and avoid areas where larger vehicles are driving.

-Event officials reserve the right to further split/combine classes based on entrant attendance to make competitive and entertaining racing.

-All racers are required to have and wear a tethered kill switch, except in the case of the Stock Class, in which the stock seat shut-off switch must be retained and functional. A working kill switch is required to race.

-Race lineup will be determined by either an executive member or the race director. The number of heats and racers per heat will be determined on race day. Any questions may be directed to the race director at any time.

-The start of any race is determined by the flagman. When the green flag drops race has started.

- The Modified Stock, Super Stock and Outlaw class will do a slow lap on the oval to line up two by two and group together, once they are lined up and close to the start line a driving start will take place when the green flag is dropped.

## FLAGS

-Green flag signals the start of the race

-Yellow flags mean foot off the gas and remain in order, no passing, racers may group up but will remain in the order they were in. The race will continue once the green flag is waved. Yellow flag laps do not count towards the race laps.

- Red flags mean an immediate stop until a green flag is waved.

-White flag means the start of the last lap

-Checkered flag signals the end of the race

-If a driver leaves the track during racing, they must safely re-enter and must yield to traffic. (You cannot gain a position). If a driver does gain a position, you will be given one lap to give the position back. Failure to do so will result in being black flagged

- Racers being lapped must stay on the outside line of the track

-Intentional bumping, uncontrolled ramming, and blocking will not be tolerated. It is conceded that some light tapping is part of racing, intentional infractions will be black-flagged after a warning. Racers deliberately driving in a reckless manner will be disqualified from the event and may be banned from future events.

-Drivers are responsible for knowing their starting positions and heat numbers. They must stay near their mowers while waiting to line up. Failure to be present at a race grid immediately prior to your race may mean forfeiture of your position and you may not be allowed to participate in that race.

-If a mower quits during a race, the driver's first responsibility is to safely move the mower to a safe distance from the track.

-Any suspicious modifications in any class will be subject to a re-inspection at any time during the event at the discretion of the Tech Officials or Race Director.

-All decisions of Tech and Race Officials are final and anyone displaying unsportsmanlike conduct will be disqualified at the discretion of the officials.

## **Basic Rules For All Classes:**

-Tethered kill switches are required on all mowers with the exception of the junior/open stock class, in which the stock seat shut-off switch can be used. A working kill switch is required to race.

-All mowers must pass a tech inspection before racing. Any unit considered to be dangerous will not be allowed to race until the hazards have been addressed to the satisfaction of the Tech Inspector. All mowers must have safe steering, working brakes, safe tires and a kill switch.

-Batteries must be fastened securely and covered. Stock mounting is acceptable.

-Fuel tanks must be proper metal or plastic fuel tanks, mounted securely and protected. Stock tanks/mounting are acceptable.

-Sharp corners, edges, or protrusions should be removed, blunted or protected for racer safety.

-Mower decks may be retained however blades MUST be removed.

-Any belt, chain, or moving parts must be guarded unless on the underside of the tractor.

-All tractors must have a visible race number. A minimum 3" height is recommended on a contrasting background. Numbers must be from 0-999, no more than 3 digits, no letters.

**Engines:** Each class has a specific maximum horsepower rating and maximum displacement. Any allowable modifications will be stated for that class, if it does not say you can do it, it is probably not allowed. No grinding or machining of flywheels. Engines using cast iron flywheels are limited to a maximum of 4000 RPM for safety reasons. Cooling fins and safety shields must be intact. No push start allowed.

**Chassis:** Tractors must retain a lawn tractor appearance with a hood covering the engine and rear fenders. No handlebars to prevent a racer from being pierced in the event of a rollover. Additional bumpers/nerf bars may be added for protection but must not pose a hazard to other racers.

**Body:** Can be customized (where allowed) but must retain the appearance of a lawn tractor. All parts must be securely fastened to the chassis.

**Fuel:** Pump gas (maximum 96 octane) unless specified otherwise within that class.

**Brakes/Clutches:** Must be intact and working. If not equipped with a neutral gear, tractors must have a clutch lockout so the machine can be pushed by hand. When running centrifugal clutches, the driver must be seated on the machine to have it started or have the rear wheels securely off the ground.

**Throttle:** No fixed throttles unless specified otherwise within that class. The throttle must have an effective spring return and the engine must return to an idle when the throttle is released. Both foot throttles and squeeze or trigger-type steering wheel-mounted throttles are acceptable.

**Exhaust:** Open is allowed as long as it points away from the driver and poses no apparent hazard.

**Tires/Wheels:** Turf-type lawn tractor tires only for all classes unless specified otherwise within that class. Go Kart tires are allowed. No using fasteners to secure tires to the rim. Maximum 42" width outside of tires in all

classes except Outlaw class which is 46" outside of tires. No modifications to frame length except in Modified, super stock and Outlaw Class (Mower must still look like a riding mower)

## **Junior Stock & Open Stock Class**

**Age:** Must be at least 8 years old or at the discretion of the race director

**Engine:** Maximum 28 hp OHV engine, restricted to a maximum of 4000 rpm (governed, no load). Absolutely **no modification** whatsoever, these mowers are intended to be exactly as they came from the original manufacturer. An engine kill switch is required, a stock seat engine shut-off switch may be used but this is the **ONLY** class in which that is acceptable.

**Drivetrain: No modification allowed.** No gear or pulley swaps, no centrifugal clutches. Mowers must retain a completely stock drivetrain.

**Throttle:** Stock throttle acceptable.

**Chassis: No modification allowed,** must be a stock lawnmower by original manufacturer's specifications.

**Tires/Wheels:** Must retain factory wheels and tires or an equivalent to those supplied by the original manufacturer.

## **Modified Stock Class**

**Age:** Must be at least 14 years of age or at the discretion of the race director. Racers may be asked to prove they can handle their machine.

**Engine:** Maximum 32 hp OHV engine, restricted to a maximum of 4500 rpm (governed, no load). An engine kill switch is required.

**Drivetrain:** Tractors must utilize a shift able transmission or transaxle of the lawnmower type. Locking transaxle/differential allowed. **Driveline pulleys and sprockets may be changed.** All moving chains/belts not covered by the underside of the tractor must have guards in place. Factory-style clutches only.

**Chassis: Modification allowed,** there must be a minimum 4" frame ground clearance.

**Tires/Wheels:** Turf or Kart tires are all allowed.

# *Super Stock Class*

If less than 4 racers are registered in this class for the event, they will be placed in the Modified Stock Class.

**Age:** Must be at least 16 years of age or at the race director's discretion. Racers may be asked to prove they can handle their machine.

**Engine:** Maximum 32 hp OHV engine. Ungoverned engines are allowed, if over 4500 rpm, we recommend a billet flywheel. An engine kill switch is required.

**Drivetrain:** Live axles allowed. **Driveline pulleys and sprockets may be changed.** All moving chains/belts not covered by the underside of the tractor must have guards in place.

**Chassis:** **Modification allowed**, there must be a minimum 4" frame ground clearance.

**Tires/Wheels:** Turf or Kart tires are all allowed.

# *Outlaw Class*

**Age:** Racers must be a minimum of 16 years old, or at the discretion of the race director. It is recommended that you have previous experience in racing in the outlaw class. Racers may be asked to prove they can handle their machine.

**Engine:** Open- ATV, motorcycle, snowmobile, etc. are all allowed. (No automotive engines) Internal and external modifications allowed for all engines. Modification to block and heads are open. Ignition is open. High-octane fuel is allowed. If electric fuel pumps are used they must be killed with the tether switch in addition to on/off switches.

**Drive Train:** This is open to live axle, belt or chain drive, custom gearboxes or transaxles. Centrifugal clutches are allowed. Where the drivetrain may be hazardous, guards must be installed and must be a minimum of 1/8" aluminum or steel. No all-wheel or 4-wheel drive machines are allowed.

**Chassis:** Frame and axles may be modified. Fabricated frames are allowed provided they pass a tech inspection and are deemed safe. Direct steering is mandatory. Steering wheels must be circular in design (no handlebars) and plastic steering wheels will not be allowed unless it is the type that is reinforced with steel. Brakes must be located on the rear axle and hydraulic brakes are recommended. Bumpers and nerf bars are recommended.

**Wheels/Tires:** Turf or Kart tires are all allowed.

I appreciate you all taking the time to consider participating in our events.

Thank you,

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