**Harriston Minto Agricultural Society**

**Soap Box Derby Registration Form**

**Sunday September 17, 2017 9:00 am**

Divisions

Racers are divided into 3 divisions: **Juniors - Ages 6-8, Intermediate - Ages 9-13, Senior - Ages 14 +**

Children must be born on or before Aug. 31, 2011 to enter. Seniors is open for all ages above 14-no age limit.

Driver Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Parent / Guardian Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Address: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

City: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Province: \_\_\_\_\_ Postal Code: \_\_\_\_\_\_\_\_\_\_\_\_

Age (on Derby Day): \_\_\_\_\_\_\_\_\_\_\_ Date of Birth: Month:\_\_\_\_ Date:\_\_\_\_\_Year:\_\_\_\_\_\_\_\_\_\_\_

Male \_\_\_\_ Female \_\_\_\_\_ Phone Number: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

E-mail Address: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Car Numbers (min 1 number, max 3 numbers) ex: 0 or 00 or 000

1st Choice \_\_\_\_\_\_\_\_\_ 2nd Choice \_\_\_\_\_\_\_\_\_\_ 3rd Choice \_\_\_\_\_\_\_\_\_\_

All other numbers will be assigned on a first come, first serve basis. If your 1st choice is unavailable, your 2nd choice will automatically be assigned. If your second choice is unavailable your 3rd choice will automatically be assigned. In the event that all your numbers are unavailable you will be contacted for you to decide on another number.

Please contact me by phone\_\_\_ e-mail\_\_\_ with confirmation of car number

**REGISTRATION FEE** $15.00 per person. First child is $15.00, each additional child in your family is $10.00

Registrations fees are to cover the cost of trophies, prizes, ramps & other expenses needed for this event

Paid by Cash\_\_\_ Cheque\_\_\_ (Please make cheques payable to: Harriston Minto Agricultural Society)

I am allowing my child (name), \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ to participate in the Harriston Minto Agricultural Society Soap Box Derby, and do hereby release the Harriston Minto Agricultural Society and the Town of Minto from any liability.

I, and my child, will abide by the rules and regulations of the operation of the Harriston Minto Agricultural Society Soap Box Derby. Also in consideration for allowing my child to participate in the Harriston Minto Agricultural Society Soap Box Derby, I hereby give, release and discharge the Harriston Minto Agricultural Society Soap Box Derby, my written permission to copyright or publish all photographs, films, drawings and written material in which the above named minor appears in and / or have written, while participating in the Harriston Minto Agricultural Society Soap Box Derby event. I further agree that the Harriston Minto Agricultural Society Soap Box Derby may transfer, use or cause to be used, these photographs, films, drawings and written material for any and all exhibitions, public displays, publications, commercials, art and advertising purposes, without limitation or reservation or any compensation, other than a receipt of which is hereby acknowledged.

Parent/Guardian Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Driver Profile**

Driver Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Driver Nickname: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Age: \_\_\_\_\_ Gender: \_\_\_\_\_\_\_\_\_\_\_\_\_ Division: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Car Number: \_\_\_\_\_\_\_\_\_\_\_ Car Nickname: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Race History: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

School: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Favourite Subjects: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Hobbies and Sports: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Career Goal: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Favourite Colour: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Favourite Food: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Please fill out pages 1 and 2 and attach a photo to go with his/her driver profile. All original photo’s will be returned on race day. You can mail or e-mail any of the following ways:

Mail: Harriston Minto Agricultural Society

 Attn: Warren Grein

 PO Box 478

 Harriston, ON N0G 1Z0

E-mail: soapbox@harristonmintofair.ca

**Race Rules & Car Specifications**

**Race Rules**

1. Soap box cars must meet the Construction and Safety Guidelines as described herein.

2. Participants MUST pre-register by September 8, 2017 Entries WILL NOT BE ACCEPTED AFTER THIS DATE

3. Your child must be born on or before August 31, 2011.

4. Participants must be available and ready on race day at the starting location at 9:00 am and remain available to race at any time until all of his/her races are finished. Participants who are not available when required to race may be eliminated from further competition. A listing of drivers will be posted.

5. Cars may be inspected prior to each race to ensure they are deemed safe for racing. Ruling by the inspectors shall not be challenged. Cars rejected by the inspector must be removed immediately from the starting location.

6. When racing, drivers must wear shoes and a helmet with chin strap.

7. The race judges’ decisions are final and shall not be contested.

8. By virtue of their paid-up registration, participants, or the parents or guardians of participant who are minors, have agreed to render harmless the Harriston Minto Agricultural Society Soap Box Derby and volunteers assisting with the Harriston Minto Agricultural Society Soap Box Derby and The Town of Minto of any consequences arising from participation in the derby.

**Soapbox Cars**

The design of the cars is up to the builders. Should you be fortunate enough to have access to a soapbox car stored and half-forgotten in a barn or attic somewhere, you may be able to use it but all cars for the Harriston Minto Agricultural Society Soap Box Derby must meet the specifications described herein. Builders should keep in mind that they should be built with the intended driver in mind.

Otherwise, contact Warren Grein @ 338-2363 if you would like a derby car kit ordered see [www.gokit.com](http://www.gokit.com) for kit details. If enough requests eg **6 or more**, kit cost is $75.00 vs $105.00 for single kit-a $35.00 savings. I will require payment before I submit an order.

**Trophies will be awarded to the winners.**

**BE CREATIVE .... Soap box cars will also be judged and awarded trophies in the following categories**

**\*Engineering**

**\*Most original paint design**

 **\*Best novelty soap box car**

**\*Overall best soap box car**

**\* Safest**

**Best of luck!!**

*The Soap Box Derby is a community event in conjunction with the Harriston-Minto Fall Fair to bring family, businesses and the community together for a day of fun, exciting competition, a family project for 6 years of age & up, an opportunity to build and race your own race car, a unique program that encourages close adult-youth activities while building & racing a car.*

**Race Rules & Car Specifications**

**Home-Built Soapbox Car Specifications**

 1. Soapbox cars are powered by gravity only - NO ENGINES OR MOTORS

 2. The driver must sit in the car, facing forward and control the car using only hands and feet.

 3. VERY IMPORTANT. The car must fit the driver. Drivers must be able to get in and out of the car easily and operate steering and braking in the normal seated position without stretching or straining.

 4. The centre of gravity, with the driver in place, should be as low as possible without violating the minimum road clearance (2.5”) specification (including brake)

 5. Cars must have four wheels. Minimum diameter is six inches. Wheels from manufacturers may not be modified but must be used “as is”. Wheels may not be made of wood.

 6. Measures must be taken to prevent wheels from departing the cart when in use. Use cotter pins or other positive means to keep the wheels in place.

 7. Fasteners used in the steering and brake systems must be prevented from loosening when in use by the use of lock nuts, cotter pins, wire tying or other means.

 8. Maximum overall cart length, 72”

 9. Maximum wheel base (distance between front and rear axles), 56”

10. Maximum car body width, 40”

11. Maximum axle length, 44”

12. Road clearance to any part of the car, including fasteners, must be 2.5” minimum.

13. Minimize front and rear overhang to prevent getting hung up on the starting ramps.

14. All basic structure parts must be securely fastened to each other using bolts, screws or other suitable hardware. Plywood and solid wood are permitted structural materials. Particle or strand type board is not permitted for any structural part. The basic structure is defined as the chassis on which the driver sits and to which the axles, steering and brake mechanisms, and body shell are attached. The car body or shell may part of the basic structure. It must be made of rigid impact resistant material.

15. Back and forth movement of either front wheel shall be limited to one inch. Stops must be installed to prevent over-steering. Steering movement must be smooth.

16. The cars must have a breaking system capable of slowing the car to a smooth, short and safe straight line stop without damaging the road surface. If using drag clutches, the part touching the road must be made of wood or rubber.

17. Cable links used in steering and brake systems must be secured and not slip under stress.

18. Adjusting hardware such as turnbuckles must be lock-wired in the final adjusting position.

19. The driver’s lower torso, legs and feet should be within the body shell. The drivers should not be able to contact the road surface or the wheels when seated in the normal operating position in the car.

20. There shall be no exposed sharp edges or points. Exposed edges that may be contacted by the driver shall be smooth. Protective cushioning material may also be fitted.

21. Cars MUST have hooks on the front and back strong enough to pull the cars back up the hill.

**\* Additional Important Guidelines \***

22. Build a stiff non-flexing basic structure.

23. Try to keep cars light, but tough and strong. DO NOT ADD ADDITIONAL WEIGHT.

24. It is recommended to incorporate hand-holds for ease of handling.

25. It is vitally important that the car can be driven repeatedly without steering and brakes adjustment.

26. Test the steering and brake mechanisms for strength, repeatable and smooth operation.

27. Test the whole cart on a sloping surface. Make certain, through testing, that the intended drivers can safely operate the car.

**PLEASE, DO NOT SHOW UP AT THE DERBY WITH AN UNTESTED SOAPBOX CAR** **OR DRIVER.**

This specifications sheet may seem daunting, but it isn’t. Help is available for any questions you may encounter while building your car. Contact the Harriston-Minto Agricultural Society Soap Box Derby committee through soapbox@harristonmintofair.ca or call 519-338-2363.

**Most important ... Have FUN building your Soap Box Car and have FUN spending quality time with your friends and family.**

Car specifications may change at any time. Please check back for any changes.

**Sunday September 17, 2017 at 9:00 a.m.**

*Look forward to seeing you there!!!*