### NHF

## **Needville Harvest Festival, Inc.**

## A Non-profit Organization 501 c3

## **Racing Lawn Mower Rules**

ALL RULES ARE BASED ON THE USLMRA, BUT NOT TO ITS ENTIRE BASIS. IF IT'S NOT LISTED, THEN IT'S NOT LEGAL. ASK BEFORE YOU DO. ALL ITEMS ARE BASED ON SAFETY, KEEPING COST DOWN AND EVEN COMPETITION FOR EVERYONE. RULE CHANGES CAN AND WILL BE MADE AS NEEDED, IF NEEDED.

#### PART ONE: MOWER SAFETY-ALL CLASSES

- 1. All mowers should be as clean and neat as possible
- 2. Make every attempt to remove all sharp edges within reach of the driver
- 3. Tether Lanyard style commercial kill switches are required on all mowers (no homemade switches allowed).
- 4. A master kill switch is required on all mowers;
  - a. It should be a push pull, or a toggle style switch. In plain view on the upper left or right of the dash area, and clearly marked.
  - b. In the event that the tethered switch fails when a driver is ejected, this switch needs to be easily found by anyone approaching the mower.
- 5. Fuel tanks: Plastic and metal tanks are approved, they may be moved from its factory location if it was originally located in the rear of the mower. Otherwise, all under the hood tanks should have a metal shield between it and the engine. The shield should be made in a way that keeps debris and such from breaking the tank.
- 6. Driver's Seat: the seat should be mounted securely to the frame. Homemade and go kart seats are allowed depending on inspection. No Seat Belts. If making a high side seat, keep edges clean and padded.
- 7. Engine area needs to be kept clean of oil and fuel leakage
- 8. Fuel shutoff valve: all mowers are required to have a manual inline fuel shutoff valve in plain sight.
- 9. All mowers will go through tech inspection before race day, if it's not inspected, it will run. No Exceptions.
- 10. Steering Wheels: Most complete full circle steering wheels or handle bars are approved. A racing style steering wheel in recommended that has a metal center. Handle Bars are also allowed, however bar ends must have a rubber grip that covers the entire end. No exposed metal on the bar ends. No plastic steering wheels that do not have a metal reinforced center. A finger throttle is allowed to be relocated to the steering wheel/handle bar. It must be of a bicycle brake type with a braided cable and 2 (two) return springs.
- 11. Hoods that are hinged should also have fasteners installed to keep the hood in a fixed closed position while on the track. Hoods are required at all times and must be closed to its original

Appearance after modification. The only exception, a 1 (one) race grace period will be given for replacement after damage from an accident.

This covers basic safety items. Other items of concern will be covered in the mower specification rules/guidelines.

#### PART TWO: MOWER SPECIFICATION FX CLASS

Class is determined by the lawn mower at entry

ONLY MOWERS THAT ARE COMMERCIALLY MASS PRODUCED FOR SALE TO THE GENERAL PUBLIC IN THE UNITED STATES ARE APPROVED-Husky, Toro, Scotts, Troy Built, etc.

**PREPARTED CLASS:** Class designation: A/P, S/P, C/P, AND B/P. These mowers are as delivered from the factory except for the modifications listed below

- 1. ENGINE must be originally manufactured for use in lawn mowing equipment and be stock in appearance, with the exception of air filter, air cleaner of velocity stack. Crankshaft must be in original orientation ad clearance hole in the frame. Engine may be internally modified. Shall not exceed 17.5 HP single cylinder only.
- 2. EXAUST design is open, must terminate away from drive and competitors, in a rearward and/or downward direction and present no apparent safety hazard.
- 3. STARTER must be onboard, either electric or pull-rope.
- 4. DRIVELINE may be modified from the engine pulley to the rea wheels, but must be utilize a shaft able lawnmower transmission or transaxle.
- 5. Rear axle may use open differential, locked, "live," or solid axle. No single wheel drive.
- 6. No centrifugal and or torque converter clutches.
- 7. Rear axle should be shaft locks, center bolts, or thru bolts to secure the rear wheels.
- 8. All steering linkage must use ball-type or spherical threaded rod end.
- 9. Front axle may be pinned, bolted, or welded into stock position. No suspension, no shock absorbers. Axles must have a 1-piece beam
- 10. Front axle and steering may be reinforced, substituted or fabricated. In the case of racer-fabricated axles, these will be subject to the judgement of the Technical Inspector as to their apparent safety for racing. Aluminum may not be used as the material for the one-piece axle.
- 11. Shaft locks, center-drilled axle with locking bolts, castellated nuts with cotter pins, are acceptable for securing front wheels. Cotter pins, E-rings, and C-rings alone, bent nails, hitch pins; over-center pins and quick release pins are not sufficient for wheel retention and are not approved.
- 12. WHEELS-8" wheels rear-6" wheels front- custom steel or aluminum are allowed. Wheels must be the same size on each axle, of any origin. No dual or tandem wheels.
- 13. DECK- Mowers must mount steel factory decks: The deck must be at least as wide as either running boards or body edge whichever is wider. Decks may not extent any more than 2" beyond the tire sidewalls on each side. Deck halves may be mounted to running boards. Decks must be secure. Decks must have the appearance of a factory deck.
- 14. SAE-rated trailer or lawnmower tires must be used.
- 15. FOOTHOLDS must be discrete, and no more than 2" high, made of flat or "L" stock (no rod stock) and made such that the foot cannot become entangled in a roll over.

- 16. All parts should be lawn mower origin with the exception of those specifically mentioned above or otherwise allowed.
- 17. HOODS and body parts such as fenders may be upgraded or modified.
- 18. External ignition systems are allowed.
- 19. Aluminum flywheels are allowed
- 20. FENDERS may be secured moved or altered
- 21. Must use axle mounted brakes, no lawnmower transaxle or transmission mounted brakes.
- 22. FUEL: Pump fuel only. (Chevron, Shell, Exxon, Etc.). No electric fuel pumps/NO aviation fuel.

#### **FX CLASS**

- 1. ENGINE: Shall not exceed 17.5 HP and be single cylinder only.
  - a. No fuel injection
  - b. Internal modification allowed
  - c. Carburetor size/type open
  - d. Custom intake manifolds allowed
  - e. External ignition devices are allowed, cross brands of lawn tractor OEM ignition systems allowed.
- 2. FUEL: Pump fuel only. (Chevron, Shell, Exxon, etc.). No electric fuel pumps/No aviation fuel.
- 3. DRIVE TRAIN: Is open to live axle, belt or chain drive custom gearboxes or transaxles. Centrifugal clutches allowed. Where custom drive train may be hazardous to driver, protective shield must be installed; all chain guards must be a minimum thickness of 1/8" aluminum or steel. ATV drive train and suspension not allowed. No all-wheel drive machines allowed. Suspension must be rigid, no shocks or springs allowed.
- 4. STEERING: Direct steering is mandatory, must use lock nuts on all connections. Rack and Pinion is allowed.
- 5. WHEELBASE AND MAXIMUM WIDTH: 39" minimum wheelbase. 42" maximum width. No more than 4" of total offset. (Take a measurement from the center of the frame to the outside of your right tire and doing the same on the left side. With this the difference should be no greater than 4")
- 6. NUMBERS: All mowers must have a visible number. Numbers hall be located on front of hood and on left and right side close to the front. Minimum 6" height is recommended on a contrasting background.
- 7. SEATS: Must be mounted in center of frame from one side of the frame to the other side. Go kart seats are allowed.
- 8. FRAME: 4" minimum ride height. Firewall protection recommended. Discreet chopping of the chassis to install after-market clutches, gearbox, seat and axles allowed, but must retain original OEM appearance. 4" ride height will be measured from the frame of the mower.
- 9. BRAKES: Must have working brakes, hydraulic disc setup recommended.
- 10. WHEEL/HUBS: Go kart dirt tires are allowed, max 8"rims on rear and 6" on the front. Lawn mower tires, go kart dirt tires and mini sprint tires are allowed. Custom steel or aluminum rims allowed. Custom hubs or spindles must have lock collards, lock nuts, or new HD cotter pins to prevent movement.
- 11. BUMPER/SIDE BARS: Side/Crash bars optional. Closed loop rear bumper optional. Front bumper optional.

- 12. EXHAUST: is open, as long as its points down and away from driver and presents no apparent hazard. No stacks.
- 13. THROTTLE: No fixed throttles. Foot and trigger throttles will have the two return springs as mandated ALL CLASSES. No solid throttle cable. Must be braided cable like a bicycle brake.
- 14. BODY: Body can be homemade but must resemble a lawn tractor. No sharp edges. Rear fender must not be wider than the bulge or widest part of the rear tire.
- 15. MINIMUM WEIGHT: 450lbs with driver.

Once completed, the mower should keep the appearance of a mower but with style. This does not mean to mount a mower body on a go kart.

### If something is covered more than once, that means it is an area of concern

#### **PART THREE: DRIVER RULES**

- 1. The minimum age for a driver is 18, no exceptions. A valid driver's license for age verification is required at check in.
- 2. All drivers will be required to sign a waiver and release of liability before unloading, no exception.
- 3. HELMETS: There are only 2 (two) approved types:
  - a. Full Face with face shield
  - b. Motocross with face guard and goggles

    All helmets must have been approved and inspected by a track official.
- 4. DRIVER ATTIRE:
  - a. Long sleeve jacket: racing, leather, etc.
  - b. Full finger gloves: leather, mechanics, etc. (NO COTTON GARDEN GLOVES)
  - c. Over the ankle leather boots or shoes. Laces must be taped or tucked.
  - d. Full length pants: Blue jeans, racing pants, etc. (NO SWEAT PANTS)

### If it flops in the wind, tape it down.

### ALL DRIVERS AND THEIR EQUIPMENT WILL BE INSPECTED. THIS IS FOR YOUR SAFETY!

- 5. All drivers will be expected to conduct themselves in a cordial manner. Rude, obnoxious behavior will not be tolerated from anyone. Tempers will flair when accidents happen. Please do not let it get the best of you!
- 6. Any driver making rude, obscene remarks, gestures etc. to any track official will be disqualified and depending on the incident banned from any future events
- 7. The owner/driver is responsible for everyone in his pit crew. Don't let them get you disqualified. We are all here to have fun, remember that!

### PART FOUR: RULES OF THE TRACK

- 1. All races will be started with a rolling start; the track goes green when the leader/front row clears turn four (4).
- 2. Starting grid will be determined by a random draw during registration for a heat race, not by time.

- 3. Due to the extreme speeds. No more than 5 mowers will be allowed to race at one time. An A Main and B Main race may be used to determine that feature finalist.
- 4. As many heat races will be run ad needed in order to set the field for the feature race.
- 5. If a YELLOW or RED flag is thrown before the lead mower completes the first lap the race will be restarted and drivers will be lined up in the original starting grid, but only once. If a second yellow/red flag is thrown before completion of the first lap, the race order will be determined by the order the mowers cross the Start/Finish line at the start and they will resume racing by using a rolling start. The racer causing the 2<sup>nd</sup> caution goes to the rear.
  - In the event of an accident, driver involved and immediately behind should raise their left hand in the air to signal driver behind that there is a problem ahead.
  - If a driver experiences a problem with his mower, he should also raise his left hand in the air to signal other drivers and move to the inside of the track.
  - Any driver causing 3 (three) cautions in a race will be parked.
- 6. RED flags will be thrown when any accident involves a mower that has over turned or a driver ejected. All drivers are expected to come to a complete stop as soon as possible. Any driver that passes an accident location on the track after the red flag has been thrown will be disqualified.
- 7. After a RED flag incident, the mower/driver involved will have to get approval from the track inspector before being able to continue.
- 8. In the event of a fire, all drivers need to pull to the infield until the safety crew gives an all clear. Any mower that had a fire will not be allowed to continue without being inspected.
- 9. In the event a driver is shown a BLACK flag during a race, he has three laps to exit the track and report to a race official. The only exception is if he is advised to do otherwise for safety reason. Any driver not acknowledging a BLACK flag will be disqualified and parked for the remainder of the race.
- 10. All drivers are expected to drive in a safe, respectful manner. This is racing, not destruction derby. Reckless driving will not be tolerated for any reason.
- 11. Any mower that emits a considerable amount of smoke may be shown the BLACK flag. You will be given 1 (one) attempt to fix the problem before being parked for the remainder of the current race. An inspection will be required before being allowed to enter the next heat/main race.
- 12. In the event of a RED flag, drivers and 1 (one) crew member will be allowed to do work as needed on his mower in the infield. Once the YELLOW is shown, any further repairs will have to be completed in the pits. As possible, a hot pit area will be available with easy access back to the track in a safe manner.
- 13. Any vehicle that is helping in the pits, hot pits or on the track must be equipped with a fire extinguisher at all times and a pull rope/strap.
- 14. Track officials/flag men have the final say, look and listen before arguing. NO decision will be made on opinion or popularity. If an official meeting is required to make a final decision, show them the respect and do not interfere.

#### PART FIVE: RULES OF THE PIT AND GRID

1. Only one person shall be allowed on a racing lawn mower. This will include parade laps and races. The person on the mower must be registered as a racer for the event. No exceptions will be made to this rule.

- 2. All pit areas must have a fire extinguisher readily available and visible at all time. These are provided by the owner/driver of the mower.
- 3. There will be mandatory fuel storage location for all pit areas; all fuel containers will be located in the right front corner of the pit stall. In case of a pit fire, this will make it easy for containment and locating them if needed. All pits will be inspected. This is for everyone's safety and is required.
- 4. Alcohol is not permitted in the pit area until after the last race of the day is completed.
- 5. Pit area speed is 5 MPH.
- 6. The owner/driver is responsible for everyone in his pit/crew; this is a family catered atmosphere so please remember that!
- 7. Anyone fighting or provoking a fight will be banned from any further participation. We are here for fun. Racing accidents will happen.
- 8. No unsupervised children will be allowed in the pits under the age of 15, no exceptions.
- 9. Absolutely no one under the age of 18 will be allowed to operate any vehicle in the pit area, no exceptions.
- 10. Please keep music/radios at a tolerable level, no loud or obnoxious music allowed.
- 11. Owner/Drivers remember this is a family atmosphere. Please take the time to chat when approached by those that may be looking to join us. We want to promote this event for future races.
- 12. Pits will be closed to non-racing person/crews until the last race is done. This is for everyone's safety. Remember you are responsible for everyone in your pit.

### **PART SIX: FLAG RULES**

GREEN GO, GO, GO

YELLOW CAUTION, SLOW DOWN AND PAY ATTENTION

BLACK EXIT THE TRACK, YOU HAVE A PROBLEM

RED STOP

WHITE ONE LAP TO GO

CHECKERED RACE IS OVER

FLAGMAN POINTING AT YOU AND POINTING TO HIS BUTT, GO TO THE REAR OF THE FIELD.

### **RACING LAWN MOWER AWARDS**

### **THREE CATEGORIES**

MODIFIED	STOCK	FXS/V-TWIN
1st 2nd 3rd	1st 2nd 3rd	1st 2nd 3rd
PLACE TROPHY	PLACE TROPHY	PLACE TROPHY

FINAL DETERMINATION OF STOCK OR MODIFIED WILL BE MADE BY RACE DIRECTOR ON DAY OF THE RACE.

## ENDURANCE/OPEN

You may also enter an endurance race. Upon finishing the endurance race a Trophy will be awarded to the winner.

### **CONTACT INFORMATION**

KEVIN SHORES	281-384-1427
GENE ROBERSON	281-686-0292
GENE VENCEL-TRACK MASTER	979-559-2931

NHF P.O. BOX 1101 Needville, TX 77461

# **Needville Harvest Festival, Inc.**

## **RACING LAWN MOWER ENTRY FORM**

Team Name:	Race Number:	
Day Time Phone:		-
Race Chief:		Cell Phone:
Mailing Addr	ess:	
City:		
Email:		
Names of additional crew:		STОСК
		MODIFIED
EACH TEAM MEMBER MUST SIGN A	RELEASE OF LIABILITY & IN	
TEAM ENTRY		\$ 25 nn

MAKE CHECKS PAYABLE TO: NEEDVILLE HARVEST FESTIVAL INC.

- O CHECK ENCLOSED
- O CASH (PLEASE DO NOT MAIL CASH)
- CONTACT INFORAMTION

**KEVIN SHORES 281-384-1427** 

**GENE ROBERSON 281-686-0292** 

#### 2017 EXHIBITOR/PARTICIPANT

#### Needville Harvest Festival, Inc.

#### **RELEASE OF LIABILITY AND INDEMNITY AGREEMENT**

In consideration, the receipt and sufficiency of which is hereby acknowledged, for being allowed entry into and participation in activities (the "Activities") associated with the Needville Harvest Festival, Inc., the undersigned hereby enters into this RELEASE OF LIABILITY AND INDEMNITY AGREEMENT (this "Agreement") as of the date set forth below.

- 1. ACKNOWLEDGEMENT OF RISKS: The undersigned recognizes and understands that there are risks associated with their participation in the Activities including, but not limited to, bodily injury or death to persons and damage to property. The undersigned further acknowledges and understands that they will be held liable and responsible for any and all damage to persons, livestock, vehicles, property and/or improvements to property that is caused by them and/or any persons (including, but not limited to, minors) under their care and control, and that arise out of, or are related to, the undersigned's entry into and participation in the Activities.
- 2. APPLICABILITY AND SCOPE OF RELEASES AND INDEMINITIES: For purposes of this Agreement, "Claims" shall mean any past, present, and future claims, losses, costs, expenses, liabilities, demand, or causes of action, and costs of defense or settlement (including, without limitation, attorneys' fees and court costs) associated with or relating to or arising out of the Activities. The releases, waivers, and indemnities contained in this Agreement expressly shall apply regardless of whether the Claims to be release, waived, or indemnified against arise, or are alleged to arise, from (i) NEGLIGENCE (WHETHER SOLE, JOINT, OR CONCURRENT), GROSS NEGLIGENCE, NEGLIGENCE PER SE, and/or STRICT LIABILITY, of the Needville Harvest Festival Inc., or its present and former officers, directors, members, subsidiaries, affiliates, employees, volunteers, staff, and/or agents and any other person, firm, or corporation bound to defend or pay judgments against them (the "Released Parties"); (iii) personal injury, death or property damage; (iii) acts under the Texas Deceptive Trade Practices Act ("DTPA"); (iv) acts of any other persons or guests; (v) theft, burglary, assault, or other crimes; (vi) fire, water, wind, rain, and/or smoke and/or(vii) any other risks and hazards associated with the undersigned's entry into and participation in the Activities, including, but not limited to, the general conditions at the Activities, animals both wild and domestic that may be diseased and/or potentially dangerous, persons with firearms both on and off the premises used in connection with the Activities, and the driving or riding in any vehicles, whether belonging to Released Parties or to other persons.
- 3. RELEASE FROM LIABILITY: The undersigned hereby RELEASES, ACQUITS AND FOREVER DISCHARGES, and WAIVES any and all Claims against any of the Released Parties that arise from or relate to their entry and participation in the Activities-including, but not limited to, the types of claims enumerated in Paragraph 2- and agrees not to sue any of the Released Parties for such Claims. Without limiting the foregoing, the undersigned agrees that the Released Parties shall not be liable to them, their family, or their guests, for personal injury, property damage, or any other Claims arising from or related to the undersigned's entry into and participation in the Activities.
- 4. AGREEMENT TO INDEMNIFY AND HOLD HARMLESS: The undersigned agrees to INDENIFY and HOLD HARMLESS the released Parties against any and all Claims arising from or related to the undersigned's entry and participation in the Activities-including but not limited to, the types of Claims enumerated in Paragraph 2. In addition, and without limiting the foregoing, the undersigned agrees to INDEMNIFY the Released Parties for any Claims for injuries to any minors under their care and control and/or his or her parent/guardian, and for any Claims asserted by, through or under the undersigned, arising from or related to the undersigned's entry into and participation in the Activities-including, but not limited to, the types of Claims enumerated in Paragraph 2. As used herein, "INDEMNIFY" means to agree to assume the Released Parties' liability in a situation, thereby relieving them of responsibility, and/or reimbursing the Released Party for Claims asserted against them.
- 5. PHOTOGRAPH/INTERVIEW RELEASE AND INDEMNITY AGREEMENT: The undersigned GRANTS PERMISION to be PHOTOGRAPHED or INTERVIEWED in connection with the Activities. The undersigned understands that any such photograph or interview may be used by the Released Parties or television, film, video, visual, graphic or printed media. The undersigned agrees to RELEASE and INDEMNIFY the Released Parties with respect to any Claims enumerated in Paragraph 2.

As further inducement to the Needville Harvest Festival, Inc., to permit the undersigned's entry into and participation in the Activities, the undersigned represents that they thoroughly and completely understand that this is a complete and final release and indemnity agreement, that they are freely and voluntarily entering into this Agreement, and that no representations, promises or statements made by any Release Party, or any agent, attorney or other representative of any Released Party has influenced the undersigned in causing them to sign this Agreement.

The undersigned understands that this agreement shall be binding on their heirs, executors, successors and assigns that the Agreement will be governed by the laws of Texas, and that jurisdiction and venue for resolution of any dispute regarding that Agreement shall lie in a Texas State Court in Fort Bend County, Texas. If any part of this agreement is determined to be invalid or unenforceable, it does not affect the validity of the remainder of this Agreement. The undersigned agrees to the terms and conditions above, and acknowledges receipt of this Agreement.

Signature-Exhibitor/Participant	Date	Name Printed
If the person on whose behalf this Agreement is be	ring executed is a minor, a parent or leg	al guardian must also execute this Agreement.
Signature-Parent/Guardian	Date	Name Printed
Relationship to Minor:		
Sworn and subscribed before me this	day of 2017 NOT	ARV DUBLIC

## Needville Harvest Festival, Inc.

## **RACING LAWN MOWER**

## **OWNER/DRIVER AGREEMENT**

By signing this form, I agree to abide by all rules provide. I also am in agreement that I am responsible
for all person in my pit and crew members at all times during the race day. If at any point I am caught
cheating in order to gain an advantage over my fellow competitors, I understand that I can and will be
panned from any further involvement.

Owner/Driver Signature	Date
Our and Drivers Drivers d. Norse	
Owner/Driver Printed Name	
Track Official Signature	Date
Track Official Printed Name	