



**OFFICIAL RULES  
and  
REGULATIONS**

*For the 2012 Racing Season*

**The Brushy Mountain Mowersports Association (hereafter referred to as BMMA) was organized and is operated with one goal in mind ... Provide a fun, family oriented, affordable, safe, competitive, and peaceful environment for local lawn mower racers, their fans and their guests to participate in, attend, and enjoy. We invite any prospective member who shares this philosophy to join our organization and come race with us.**

**Before signing the membership application, all prospective members need to carefully read and understand the goals, code of conduct and rules included in this manual. If, after reading these Rules and Regulations you need a clarification, you are encouraged to contact any member of the BMMA staff *prior to race day*. These Rules and Regulations are designed to ensure fairness, safety, and consistency. However, these Rules and Regulations are only intended as a guide for the conduct of the sport and are in no way a guarantee against injury to the person or property of participants, spectators, or others, nor are they a substitute for the due care and just plain common sense which must be exercised by all participants at all times in any event. BMMA assumes no liability by organizing or sanctioning any event. Having organized and provided these Rules and Regulations, the BMMA reserves the right to accept, deny, suspend or revoke any membership at any time and may modify, add to, delete from, or grant exceptions to these Rules and Regulations at any time. By signing the membership application form and by entering and participating in these events, all participants agree to abide by these Rules and Regulations. Everyone approved and accepted for membership will be issued an official Membership Card. There is no cost for membership.**

**For those of you who wish to spend time looking for loopholes in the rules; a way to defeat the rules (cheat); a method of defeating the "spirit" of the rules; has the mindset "win at any cost"; unwilling to admit a mistake or error in judgment and willing to shake hands and move on; or looking to cause trouble and/or drama in any way, you are seeking to join the wrong organization - there may be other organizations that will welcome you - we respectfully request that you seek them out! You are not welcome in our organization.**

## INTRODUCTION

The Brushy Mountain Mowersports Association (BMMA) Governing Board consists of 7 members. These 7 founding members are responsible for the organization, all general rules, competition rules, class rules, mower specifications, code of conduct, membership, and disciplinary actions. Each and every decision required to organize BMMA and prepare this manual was discussed by and agreed upon by the Governing Board. This is true of all decisions related to the operation of BMMA - No single person will have the authority to make a binding decision - It requires an affirmative vote of at least four of the seven members.

No one associated with BMMA will be paid anything! The members of the Governing Board and all staff and volunteers are just that - volunteers. No one is doing this to make money - not a dime! In a effort to offset operating costs, everyone (drivers, crew members, spouses, owners, as well as fans in the grandstands) age 13 and over coming through the gate on race day will pay an admission charge. (No admission charge to anyone age 12 and under.) A portion of this admission charge will go to pay the insurance dues for the event - everyone - drivers, crew, staff, and volunteers, *will have insurance*.

All monies collected will be administered by the treasurer who will keep written records of all income and expenses. These financial records will be available for any member to see. *ALL* income will be used for the operation of BMMA - i.e. track rental, insurance, equipment and fuel costs, rescue squad fees, port-a-john rental, etc. Hopefully, paid attendance to our events will cover our expenses. We also seek corporate and local business sponsorships for our events. (Any member who might know of a prospective sponsor, please get them in touch with any member of the Governing Board). Any monies accumulated and remaining at the end of the racing season will be used for an end-of-season banquet, donated to a charity, or held over for another year - all of this will be determined as the season progresses.

For questions, comments, or suggestions regarding this organization or its rules, you are encouraged to contact any member of the Governing Board.

## CONTACT INFORMATION

**Brushy Mountain Mowersports**

**PO Box 1522**

**Taylorsville, NC 28681**

<http://www.mowersports.com>

Lee Moose - President - (828) 612-9380

Andy Jarrell - Vice-President - (828) 612-0755

Johnny Presnell - Treasurer - (828) 449-0317

Lisa Jones - Secretary - (828) 320-1738

Tim Jones - (828) 320-1921

Kevin Bentley - (828)-217-4052

## TENTATIVE 2012 RACE SCHEDULE

Drivers Meeting Saturday March 10th

Practice / Pre Inspection Saturday March 31st

Race #1 Saturday 6pm April 21st

Race #2 Saturday May 19th 6pm Grady Reid Fund Raiser

Race #3 Saturday June 16th 7pm Lion's International, Eye Glasses

Race #4 Saturday July 28th 7pm Faster Pastor Event, Christian crisis center

Race #5 Saturday September 1st 6pm Relay For Life, Details soon

Race #6 Saturday 6pm September 29th

Race #7 October 13th 6pm Spooktacular MowDown !

## BMMA CODE OF CONDUCT:

The BMMA fully expects its staff, racers, owners, volunteers, and general membership to always act in a courteous, respectful, and professional manner. BMMA reserves the right to accept, deny, suspend or revoke the membership and privileges of any member, or place any member on probation, for any action(s) deemed detrimental to the sport of lawnmower racing or to the smooth and orderly operations of the BMMA. Any person whose membership has been denied, suspended or revoked may be barred from entry to any restricted area controlled by the BMMA. These areas include but are not limited to: the race track, the pit area, and any area(s) used for race administration purposes.

As stated elsewhere in this rulebook, "The driver is responsible for the conduct of his/her guests and crew, even while on the race track." Should anyone attending an event sanctioned by the BMMA be found to be committing any detrimental act, that person will be asked to leave the premises and the member driver will be held responsible for the conduct and actions of that guest/crew member and that driver's membership privileges will be subject to suspension or revocation. Revocation, suspension, or probation period of membership may be enacted without prior notice and will be at the sole discretion of a majority agreement of the BMMA governing board.

Actions or conduct that may lead to suspension, revocation or probation include, but are not limited to:

1. A conscious effort by a member to ignore or circumvent in any way BMMA rules as defined in this book.
2. A conscious effort to undermine the integrity of the BMMA, staff member, official, volunteer, or other BMMA member.
3. Verbal assault, either public or written, of any BMMA staff member, official, volunteer, or other BMMA member.
4. Threatened or actual physical assault of any BMMA staff member, official, volunteer, or other BMMA member.
5. Persistent on-track violations including, but not limited to: rough driving, passing under the yellow, failure to follow on track instructions (including the race flags).
6. Any other disruptive behavior which, in the opinion of BMMA officers, track officials, or BMMA staff, interferes with the orderly conduct of a BMMA event.

You *may* or *may not* be given a verbal warning. While your acceptance of these rules and code of conduct was assured when you requested membership in BMMA and these written rules *are* your warning, the board recognizes that situations arise, tempers may flare, and things may be said or done that are regrettable. Sometimes, a "cool down" period...time to think things over and consider your actions and possible consequences, may or may not be granted. Each case will be handled on an individual basis.

Appeal of any suspension, revocation, or probation will be handled on an individual basis at the discretion of the governing board. Depending on the severity of the infraction(s), an appeal may or may not be granted in every case. A request for appeal should be brought to the attention of any member of the governing board, either verbally or in writing. Suspension or probation may be for the remainder of the current event, for one or more succeeding events, or for the remainder of the current season. Membership revocation shall be considered permanent unless satisfactory cause for reinstatement can be shown to governing board.

## RACE DAY SCHEDULE and PROCEDURES

**12:00 Noon:** Gates Open, Registration and Inspection Open – Starting positions will be determined by a random drawing during inspection.

**2pm – 4:30 p.m.:** – Open practice. Mower must be registered and inspected before you are allowed on the track to practice – *ALL* safety equipment (helmets, neck brace, face shields or goggles, shoes, long sleeves, etc.) is required for practice. Any driver under age 18 must have waiver and parental consent form completed before entering the track. Please note that at times it may be necessary to perform track maintenance during this time. If this happens, the track may be temporarily closed for practice, but every effort will be made to allow drivers as much practice time as possible.

**4:30 p.m.:** Registration and Inspection closed. NO starting numbers will be drawn after 4:30. If you arrive after 4:30 and an inspector is available, you may be allowed to race, but *you will* start in the back. (If you are running late and cannot get to the track by the 4:30 deadline, call ahead, let us know you are coming, and a number will be drawn for you – but you **MUST** do this before 4:30 p.m.)

**5:30 p.m.:** Drivers Meeting – All drivers **MUST** attend.

**6:00 p.m.:** Start of Race .

- Opening comments, Welcome to Fans.
- Invocation.
- Pledge of Allegiance to Flag of the United States of America.
- All drivers, crew, and guests must remain quiet and reverent during the Invocation and Pledge of Allegiance – *NO* talking or cell phone conversations. Absolutely **NO** mowers will be cranked or running anywhere on the premises during the Invocation and Pledge of Allegiance.

### LADIES AND GENTLEMEN – *START YOUR ENGINES !!!*

Divisions will run in the following order (subject to change):

1. Kid's Stock 5 Laps  
Heat Races (if required) 10 laps each
2. Junior Modified 12 Laps
3. Stock Single Cylinder Overhead Valve 20 Laps
4. Stock Single Cylinder Flathead 20 Laps
5. Twin Cylinder Flathead 20 Laps
6. Modified Single Cylinder O/H Valve 20 Laps
7. Modified Single Cylinder Flathead 20 Laps
8. Super-modified V-twin 31-44 c.i. 15Laps
9. Women's Open 20 Laps
10. Legends 20 Laps
11. V-Twin 30 c.i. or less 15 Laps
12. Stock twin Cylinder. 20 laps
13. Unlimited Open 15 Laps

A. Kid's Stock Class start will be from a stopped position with engines started in front of the flag stand. The flagger will wave the green flag to start the race.

B. Starts in all other classes will be a rolling start. *The driver on the pole will start the race.* There will be two clearly marked points between turn four and the flag stand. After the field has been given the one-to-go signal by the flagger and the driver on the pole passes the first marker, he will accelerate at any point he chooses before reaching the second marker. Once this driver accelerates, the flagger will wave the green flag. If the driver on the pole does not accelerate before reaching the second marker, the flagger will wave the green flag and the race is officially underway. (If after the one-to-go signal is given to the field a condition is spotted by the flagger that should prevent the race from starting, he will display the yellow flag and all drivers will hold their position until the one-to-go is given again).

C. In addition the official flagger on the flag stand, there will be a flagger positioned at each end of the track. The primary role of these flaggers is to display the yellow caution flag to the field as quickly as conditions dictate. When a driver sees the yellow caution flag displayed by either flagger, they will immediately reduce their speed and hold their position - no passing!

D. Caution (yellow) flag laps will not count.

E. BMMA will utilize the Green / White / Checker (GWC) finish. If a caution comes out during the last two scheduled laps of the race *before* the leader takes the white flag, a GWC re-start will take effect. When the track is cleared, the green will be displayed, then the white, then the checkered. If another caution comes out *before* the leader of the race takes the white flag, another GWC will be attempted. A total of three GWC attempts will be attempted. At the end of the third attempt, the race will end in the order the mowers are then lined up. Once the leader of the race takes the white flag, regardless of whether it is during the scheduled laps or during a GWC attempt, the race will end in the order the mowers cross the start finish line.

F. The restarting line-up after a caution will be like NASCAR. If you are involved in a caution, whether it's your fault or not, you will restart in the order that you cross the start finish line after the caution is displayed. While this may be unpopular with some drivers, please understand that in some cases, especially during race conditions, it is virtually impossible to determine who is where on the track when the caution was displayed and even harder to make a decision on whose fault it was. It is important to remember - NO PASSING when the yellow flag is displayed. If you inadvertently pass someone after the yellow comes out, get back in line in your proper position. This will make life much easier for everyone and ensure the race is completed quicker and smoother. If it is determined by the Flagman and/or Official Scorer that any driver passes another mower under caution and then argues about getting back in line where they are instructed, they will be sent to the back of the line or, at the Officials discretion, black flagged and disqualified from the race. (exception: the driver of a slower machine, at his option, may signal faster machines around without penalty.)

G. BMMA officials reserve the right to cancel and/or combine a class or classes and/or to reduce the number of laps a particular class or classes run if an insufficient number of mowers are registered for that class(s). These decisions will be made before the driver's meeting and all drivers will be made aware of any changes.

H. Also, depending on the situation and circumstances, BMMA reserves the right to allow a driver/mower to compete in a different class. Again, any changes will be announced and explained at the driver's meeting.

I. If more than 9 mowers register for the same class, two 10 lap heat races will be run to determine the final starting field for the main event for that class. The top 4 finishers in each heat will be in the main. Starting positions for the heats and the main will be determined by the draw. Where you finish in the heats has no effect on where you start in the main

J. From time to time, a driver with a mower built to another racing organization's build rules may come and wish to race with BMMA. BMMA, at their discretion, reserves the right to make exceptions to the build rules and allow these drivers and mowers to compete in a single BMMA race as long as all safety rules are met without exception and all other rules and regulations in this manual are adhered to – i.e. – general rules, code of conduct, competition rules, etc. BMMA officials will determine the class in which visiting mowers will compete in. *This exception rule may only be used only once. If the visiting driver/mower wishes to come back and race with BMMA after this first initial exception, all BMMA Rules and Regulations must be met.*

## **POINTS SYSTEM**

First Place: 8

Second Place: 6

Third Place: 4

Points will be awarded to the driver.

2 show-up points will be awarded to driver in their main class. In order to receive these two show-up points, you must show-up, have your mower inspected, be registered on time, attend the driver's meeting, and start the race in your registered class! (If you show-up after the 4:30 deadline and have not called ahead to pre-register, you *will not* get your show-up points).

Points will be posted as they are accumulated. If you have a question or disagreement, please address this with an official promptly.

Limit 2 classes per mower. Your mower will run in the class it was designed for (the class where you are awarded 2 show-up points) and will be allowed to move up one class (no show-up points for this class).

## **RACING FLAGS**

The following flag signals will be obeyed without question or hesitation.

GREEN: GO! – The race is under way.

YELLOW: CAUTION – Be Careful, NO PASSING, drivers form a single line and follow the flagman's instructions. (the driver of a slower machine may signal faster machines around without penalty)

RED: STOP! – You must stop at the flag stand or as directed by an official.

BLACK: This flag is generally for a driving infraction or equipment violation. Stop at the flag stand, exit the course, or as otherwise directed by an official.

BLUE with ORANGE STRIPE: Move to the *outside* immediately – Faster drivers are approaching you from the rear and will be overtaking you shortly.

WHITE: One Lap to go

CHECKERED FLAG: You have finished the race.

## GENERAL RULES

1. Violations or disregard of any rules included anywhere in these Rules and Regulations (including the Code of Conduct) will result in disciplinary action at the discretion of BMMA officials including revocation, or probation; or in extreme cases, resolution by law enforcement. BMMA Officials, at their discretion, will do whatever is necessary to maintain a safe, respectful, and peaceful environment for all who attend the event – members, guests, officials, volunteers, and the general public. BMMA will act swiftly and decisively to ensure this happens.
2. Remember, drivers *will be* held responsible for the actions of their crew members and guests even while drivers are on the track. As a member, it is your responsibility to ensure all of your crew members and guests are familiar with all rules, regulations, code of conduct and possible consequences for violations.
3. Absolutely NO alcoholic beverages or illegal drugs allowed at any event at any time anywhere on the premises. Any driver suspected of any alcohol or drug use while attending a BMMA event will be barred from participating in the event...period. Zero tolerance policy!
4. Remember, all events are family oriented...just act right, use common sense, *always* treat *everyone* with dignity and respect.....no cussin' or fussin'. Remember, there are children here and *they will* be watching and listening to *you*.
5. No person under the age of 10 will be allowed in any restricted area unless accompanied by a parent or legal guardian or an approved parental consent form is on file with BMMA officials.
6. No pets allowed in restricted areas.
7. No grills or open fires of any kind allowed in the pit area.
8. Please keep a safe distance back from the track. Do not cross ropes, caution tapes, fences or other safety barriers. These are there for your safety and protection.
9. Maximum mower speed in the pit area is "**SLOW**". No speeding, careless or reckless driving allowed at any time anywhere on the premises, including the pit areas.
10. Entrance to and exit from the race track are to be kept open and unobstructed at all times.
11. Never block any safety or emergency vehicles (rescue squad, fire truck, first responders, law enforcement, etc.)
12. Any driver wishing to compete in races sanctioned by BMMA must, at the official's discretion, pass a driving test. This test may include on track driving skills, stopping, and knowledge of the racing flags.
13. All drivers under the age of 18 must have a waiver and legal consent form signed by a parent or legal guardian.
14. No driver, owner, or other participant in a BMMA event will display or allow to be displayed, any picture, graphic, or wording on their mower or equipment that may be offensive to any other participant or to the general public. Keep it clean – use common sense. BMMA staff will determine what is or is not appropriate. If you have any questions or need clarifications, ask. Violators will be asked to temporarily mask out (if possible) anything offensive and completely remove it before the next event.
15. The term "restricted area" essentially refers to any area past the grandstands – pits, area leading to and from the track, administration areas, starting grid, and track. Only BMMA members with valid membership cards and BMMA officials are allowed in these areas. Invited guests in the presence of a BMMA member will be allowed to visit the pit area before the race.
16. Any Driver wishing to return to competition after an injury will be required to produce a Medical Release form before being allowed to compete in a BMMA event.

## PROTESTS

Protests against another driver or mower must be filed with a BMMA official as soon as possible, but no later than 30 minutes after completion of the race. BMMA officials will determine the validity of the protest and attempt to resolve the matter immediately. If the matter cannot be resolved to the satisfaction of all involved, a "hearing" may be scheduled by BMMA officials. In addition to the parties involved in the protest, BMMA officials at their option may ask crew members or other witnesses to attend this hearing. Also, the involved parties may bring anyone they wish to help bring the matter to an agreeable conclusion.

BMMA will do what is necessary to resolve disputes and protests including, but not limited to, asking the owner of the mower being protested to prove to the satisfaction of BMMA officials that their mower is legal and in compliance with all rules applicable for the class in which it was running. Failure of the owner to prove their mower is within the build rules may be construed as an admission of cheating and can result in disciplinary action including fines, disqualification, suspension, or revocation of racing privileges.

## TRACK / COMPETITION / SAFETY RULES

(Where used in this manual, the term "grid" is defined as the area where mowers are being staged or lined up prior to the race - this may be at the entrance to the track or on the track itself. The term "restricted area" basically means any area past the grandstands - pits, area leading to and from the track, administration areas, starting grid, and track.)

1. Drivers and crews are under the direction of the BMMA officials at all times.
2. As you bring your mower through inspection, please keep the engine off unless directed to start it by the inspector. Stay with your mower. Immediately after your mower passes inspection, complete the registration procedures.
3. If for any reason you cannot start the race after you have drawn for position, notify race officials as soon as possible.
4. Drivers should look at the class line-up board as soon as possible after posting. It is your responsibility to know when your class runs and where you are to line up. Officials will not come looking for you. Any driver not in position on the grid when the race starts will be: a) start at the rear of the field if the green flag has not been displayed or b) disqualified from the race altogether if the green flag has been displayed.
5. Each team must have a full 10BC rated fire extinguisher in their equipment. Fire extinguisher must be readily and easily accessible.
6. All flag signals will be obeyed without hesitation or question.
7. Every driver must wear a DOT approved helmet while on the track. The helmet must fit snugly and be securely buckled when the driver is on the track. Long hair must be tucked inside the helmet.
8. Goggles, full face helmet, or face shield are required. Glasses are not sufficient.
9. Every driver must wear long pants, long-sleeved shirt or jacket, and boots or lace-up footwear (no sandals or slip-ons) while on the track- practice or competition.
10. An approved neck support (brace) is mandatory.
11. It is highly recommended but not mandatory that drivers wear chest protectors of their choice for safety.
12. No loose clothing (un-tucked or un-buttoned shirts, etc.)
13. If your mower breaks down during a race, you will be allowed 3 minutes to make repairs on the track. If you must leave the track to make repairs, you are out of the race. Each driver will be allowed only one 3 minute repair per race. If you break down a second time, you will be disqualified.
14. Intentional bumping, rough, or over aggressive driving *WILL NOT BE TOLERATED*. Drivers ignoring this rule will be warned and/or penalized immediately.

15. The responsibility for a safe pass lies with the overtaking driver.
16. Driver must keep both hands on the steering wheel at all times during race except to momentarily operate other controls.
17. Mower must be completely stopped before driver dismounts.
18. No mower may have more than one attendant on the grid, in addition to the driver. If a mower stalls on the track, the driver's first responsibility is to move the mower to a safe position off the course. No one other than track officials and one crew member is allowed to assist a driver on the track.
19. If a mower must be refueled while hot, a liquid and electrical rated fire extinguisher (10BC recommended) must be in the hands of a crew member adjacent to the mower while refueling takes place.

### **MOWER SPECIFICATIONS - APPLIES TO ALL MOWERS AND ALL MOWER CLASSES**

1. Events are open to all riding lawn mowers that was originally designed, mass produced, and sold commercially through a dealer network to mow residential lawns. The generally accepted category is front steer, rear wheel drive riding mowers and lawn tractors with rear tires 20" diameter and under. No zero turn mowers allowed.
2. Mower must measure 42" or less in width from outside of tire wall - both front and rear.
3. Mower must measure 60" or less from center of front axle to center of rear axle (wheel base).
4. Except for the Unlimited Open Class, all mowers must use a 100% lawnmower frame. Frame may be discretely strengthened or braced.
5. Ground clearance must be a minimum of 2" from front to back. This includes the frame and deck.
6. All mowers must have a working clutch and a foot actuated brake. Clutch and brake are subject to pre- and post-race inspection. Brakes may be improved in any way.
7. All mowers must use a transmission / transaxle manufactured for lawnmower use. Exception: Super-Modified Open V-Twin class and Unlimited Open class may use right angle gear box (RAGB).
8. Differentials may be locked (except Kid's Stock class). Straight axles okay.
9. Reverse is not required but recommended.
10. All mowers must have rear fenders. The fenders must extend out to cover at least 2" of each rear tire. Fenders may be original lawnmower fenders or fabricated. Fabricated fenders should have the appearance of the original lawnmower fenders.
11. All mowers must have a mowing deck. Kid's Stock class must use the original factory deck. Other classes may use a simulated, fabricated deck. Decks may not protrude out past the tires on either side of the mower.
12. Mowers may have a 90 degree nerf plate or round pipe guard no more than 6" higher than the deck installed to protect the drivers feet and legs in case of a "t-bone" accident. Nerf plate/bars may not protrude out past the tires on either side of the mower.
13. Except for Kid's Stock class, all seats must be bolted securely to the frame or fenders. Seat pan may be a maximum of 2" lower than the top of the tires and may be moved a maximum of 2" off center of the mower frame. Seats must be lawn mower style seats.
14. Front axle and steering may be reinforced, substituted, or fabricated (except Kid's Stock). Fabricated axles and steering are subject to the inspection and approval.
15. All mowers must have footrests. They should be designed and installed so a foot or leg will not become entangled in a roll-over.
16. Mowers must have numbers at least 4" high on each side and on the rear of the mower. Color of numbers should sharply contrast the mower color so they can be clearly seen and identified during race.

17. Race numbers are "owned". Once you register your mower and select a number for the primary class of your choice, no one else running that class can use your number.
18. Mowers may have either steel or aluminum wheels. All steel wheels must have inner tubes (except the Kid's Stock class). Aluminum wheels with approved bead locks may be run without inner tubes with approval of inspector.
19. Wheels will be a maximum of 8" and a minimum of 6" both front and rear. No staggering of wheels - they must be the same size on the rear axle and the same size on the front axle.
20. No plastic wheels, front or rear, will be allowed.
21. Tires must be lawnmower tires. Tires must be the same size on both sides of the same axle. No tire chains, snow hogs, atv or cart tires.
22. All mowers must have an on-board electric starting system.
23. All mowers (except kid's stock) must have a toggle switch to kill engine power. Key operated ignition switches are not acceptable.
24. All mowers must have an air filter.
25. All mowers must have a tethered kill switch that will kill the engine if the driver is dislodged from the mower. (exception: Kid's Stock class mowers may incorporate the factory seat mounted kill switch at the discretion of inspectors).
26. Hand or finger operated throttles are allowed (exception: Kid's Stock class must use factory throttle control).
27. All mowers must have blades removed.
28. All glass must be removed from mowers (headlights, lenses, reflectors, etc.)
29. All parts of mower must be securely bolted or welded in place.
30. Hoods must have an adequate amount of fasteners to secure them in place during a race.
31. Mowers shall have absolutely no sharp, rough or otherwise dangerous edges that could possibly injure other drivers or spectators.
32. All exposed chains and sprockets must be fitted with metal guards which will direct a broken chain downward.
33. All mowers that do not have the top of the engine completely covered by the hood must have the flywheel covered by either the recoil housing, the stock wire housing, or fabricated metal cover.
34. All drive line belts must have adequate guides, keepers, and supports to keep it on the pulleys. If your belt comes off more than once during a race, you are out!
35. All positive (hot) terminals must be covered with an insulated cover. Batteries must be well secured.
36. Mowers must be kept reasonably clean both outside and beneath the hood to allow for proper inspection.
37. Fuel must be stored in an approved safety container with a maximum 5 gallon capacity.
38. Fuel must be "pump" gasoline with no fuel additives. No alcohol, methanol, nitrous oxide, or other fuel enhancers. All fuel is subject to random testing by officials.
39. Fuel lines must be clamped at all terminations.
40. No electric fuel pumps allowed.
41. Except for Kid's Stock, exhausts may be changed and modified. Exhausts may be a "straight pipe" (muffler not required), but must terminate safely away from the mower, other drivers, and spectators.
42. Cylinder head(s) must be easily accessible in all classes for inspection purposes.
43. No forced air engines. No turbos, superchargers, or velocity stacks.
44. Engines on mowers in Kid's Stock, Stock Overhead Valve, and Stock Flathead classes must use lawnmower carburetors. Other classes may use aftermarket carburetors.
45. Centrifugal clutches are allowed in all classes.
46. ALL engines that are modified (ie. rod(s), cam, shaved head(s) aftermarket carb. ) Must use a billet flywheel

46. Mowers in all classes, except the Kid's Stock class, should be fitted with sturdy double return springs mounted at two different mounting points on both ends to help eliminate the possibility of the throttle sticking open or failure to completely close when released.

Below are two photographs to help explain the precaution measures and the intent of this rule. The first photo shows the correct way to attach the throttle return springs to the carburetor. Notice they are mounted at two different locations.

This next photo shows an incorrect method of attaching the springs to a bracket. Notice the springs are attached to the same bracket. They should be attached to two different mounting brackets or mounting points. This way, if one of the brackets break, you will still have one spring attached.



47. **BUMPERS** – Bumpers and bumper rules have always been a difficult subject for lawn mower racing organizations. Some do not allow bumpers at all, some require rear but not front bumpers, some make both optional, and some require both. BMMA requires both front and rear bumpers. Bumpers *are not* a license to bump! It is our opinion that bumpers are a safety issue.

Both front and rear bumpers should be constructed of either 1" square steel tubing or round steel tubing at least 1" outside diameter. Other materials may be okay and may be approved, but ask questions and get approval before race day!

All corners should be mandrel bent or welded with all welds ground and finished smooth. Bumpers must be attached to the mower frame – not the fenders.

Bottom of both bumpers must have a minimum of 4" and maximum of 8" ground clearance.

Bumpers to be no less than 4" and no more than 10" tall.

Rear bumpers to be no wider than the tread width of the rear tires. Front bumpers to be no wider than the tread width of the front tires when steering is straight ahead.

Bumper width will be strictly enforced.

Maximum clearance between bumpers and tires is 4".

Absolutely no single bar or single pipe bumpers. Outside of bumpers must be closed.

Outside edge of bumper, front or rear, must be a minimum of 4" wide.

Racers from other organizations may be allowed to race at a BMMA event with the bumpers required by their organization if, in the opinion of BMMA inspectors, they are safe. (See exception Rule J under Race Day Schedule and Procedures on page 6)

## CLASS SPECIFIC RULES

1. KID'S STOCK (KS)
2. JUNIOR MODIFIED (JM)
3. STOCK SINGLE CYLINDER OVERHEAD VALVE (SOV)
4. MODIFIED SINGLE CYLINDER OVERHEAD VALVE (MOV)
5. STOCK SINGLE CYLINDER FLATHEAD (SFH)
6. MODIFIED SINGLE CYLINDER FLATHEAD (MFH)
7. WOMEN'S OPEN (WO)
8. LEGENDS (L)
9. TWIN CYLINDER FLATHEAD (TFH)
10. STOCK TWIN CYLINDER ( STC )
11. MODIFIED V-TWIN 30 c.i. OR LESS (VTM)
12. SUPER-MODIFIED OPEN V-TWIN 31-44 c.i. (VTO)
13. UNLIMITED OPEN (ULO)

### 1. KID'S STOCK (KS):

1. This class is open to anyone age 12 and under. (must have parental consent form on file)
2. All entries in the Kid's Stock Class are WINNERS and as such will be awarded winners medals or trophies. There are no points awarded in this class.
3. All drivers wishing to participate in this class MUST pass a driver's test administered by BMMA officials in the presence of their parents or legal guardian. They must successfully demonstrate the ability to start and stop the mower quickly and efficiently, know the meaning of and how to obey the flags, and handle their mower in a safe and professional manner.
4. Mowers should be as delivered from the factory with blades, deck wheels, and rollers removed.
5. Engine must be as delivered from factory. NO modifications allowed.
6. Drive pulleys must be FACTORY ORIGINAL.
7. Any replacement parts must be exact duplicates of the original part and must not offer any improvement in power, speed, or reliability over the original stock part.
8. Tire pressure cannot exceed 15 p.s.i.
9. Engine speed must not exceed 3500 RPM and is subject to both pre- and post-race inspection.

### 2. JUNIOR MODIFIED (JM):

**(Note: This class is new. All of the build rules are being tested and are under review.)**

1. This class is open to our younger drivers who have "outgrown" the Kid's Stock class but are not quite ready for the "big boys and girls". Class is open to both male and female drivers age 15 and under.
2. All drivers wishing to enter in this class MUST pass a driver's test administered by officials. They must successfully demonstrate the ability to start and stop the mower quickly and efficiently, know the meaning of and how to obey the flags, and handle their mower in a safe and professional manner.
3. Front wheels must be standard 6" lawnmower wheels with 13 x 6.50 x 6 or 15 x 6.00 x 6 standard lawnmower tires.
4. Rear wheels must be standard 8" lawnmower wheels with 16 x 6.50 x 8, 16 x 7.50 x 8, 18 x 8.50 x 8, or 18 x 9.50 x 8 standard lawnmower tires.
5. Engine must be a stock single cylinder, vertical crankshaft engine manufactured for lawnmower use.
6. Stock engine governors May be removed.
7. Gear ratio will be 10 to 1 . Checked at flywheel.

### **3. STOCK SINGLE-CYLINDER OVERHEAD VALVE (SOV)**

1. This class is open to all drivers age 13 and over.
2. Engine must be a STOCK single cylinder, overhead valve, vertical crankshaft engine manufactured for lawnmower use.
3. While it is the intent of this class to have completely stock engines, BMMA will allow the removal of the flywheel magnets, charging stators, and governors. Also, aftermarket valve keepers/retainers may be used on valves, but the valves, springs, and all other engine components must remain stock. BMMA considers these components to be safety issues and does not believe there is any performance advantage to these modifications. No other engine modifications will be permitted.
4. Flywheel Offset keyway are allowed, Engine MUST have keyway.

### **4. MODIFIED SINGLE CYLINDER OVERHEAD VALVE (MOV)**

1. This class is open to all drivers age 16 and over.
2. Engine must be a single cylinder, overhead valve, vertical crankshaft engine manufactured for lawnmower use. All engine modifications allowed.

### **5. STOCK SINGLE CYLINDER FLATHEAD (SFH)**

1. This class is open to all drivers age 13 and over.
2. Engine must be a STOCK single cylinder, flathead, vertical crankshaft engine manufactured for lawnmower use. Governors may be removed.
3. While it is the intent of this class to have completely stock engines, BMMA will allow the removal of the flywheel magnets, charging stators, and governors. Also, aftermarket valve keepers/retainers may be used on valves, but the valves, springs, and all other engine components must remain stock. BMMA considers these components to be safety issues and does not believe there is any performance advantage to these modifications. NO other engine modifications will be permitted.
4. . Flywheel Offset keyway are allowed, Engine MUST have keyway.

### **6. MODIFIED SINGLE CYLINDER FLATHEAD (MFH)**

1. This class is open to all drivers age 16 and over.
2. Engine must be a single cylinder, flathead, valve in block, vertical crankshaft engine manufactured for lawnmower use. All engine modifications allowed.

### **7. WOMEN'S OPEN (WO)**

1. This class reserved for our female drivers age 16 and over only!
2. Any mower approved for the following classes: Stock Single Cylinder Overhead Valve; Modified Single Cylinder Overhead Valve; Stock Single Cylinder Flathead; or Modified Single Cylinder Flathead will be allowed to run in this class. No twin cylinder or tube frame mowers allowed.

## **8. LEGENDS (L)**

1. This class for drivers age 55 and older. At the discretion of officials, an exception may be made to the age restriction.
2. Any mower approved for the following classes: Stock Single Cylinder Overhead Valve; Modified Single Cylinder Overhead Valve; Stock Single Cylinder Flathead; or Modified Single Cylinder Flathead will be allowed to run in this class. No twin cylinder or tube frame mowers allowed.

## **9. TWIN CYLINDER FLATHEAD (TFH)**

1. This class is open to all drivers age 16 and over.
2. Engine must be a twin cylinder flat head with vertical crankshaft manufactured for lawnmower use. All engine modifications allowed.

## **10. STOCK TWIN CYLINDER ( STC )**

1. This class is open to all drivers 16 years and over
2. Engine must be a vertical shaft twin cylinder engine manufactured for lawn mower use,
3. Engine must use a stock one Barrel Carburetor
4. Engine must not exceed a factory rated ( sticker ) of 21 HP
5. While it is the intent of this class to have completely stock engines, BMMA will allow the removal of the flywheel magnets, charging stators, and governors. Also, aftermarket valve keepers/retainers may be used on valves, but the valves, springs, and all other engine components must remain stock. BMMA considers these components to be safety issues and does not believe there is any performance advantage to these modifications. NO other engine modifications will be permitted
6. Flywheel Offset Keyway are allowed, Engine **MUST** have a keyway.

## **11. MODIFIED V-TWIN 30 c.i. OR LESS (VTM)**

1. This class is open to all drivers age 16 and over.
2. Engine must be a vertical shaft, V-twin manufactured for lawnmower use. Maximum size – 30 c.i. displacement. All engine modifications allowed.
3. Right angle gear boxes ( RAGB ) are allowed in this class.

## **12. SUPER-MODIFIED OPEN V-TWIN 31 – 44 c.i. (VTO)**

1. This class is open to all drivers age 16 and over.
2. Engine must be a vertical crankshaft V-twin manufactured for lawnmower use. All engine modifications allowed.
3. Right angle gear boxes (RAGB) allowed in this class.

## **13. UNLIMITED OPEN (ULO)**

1. This class is open to all drivers age 16 and over however, this is a fast and highly competitive class. Any driver wishing to compete in this class must have at least one year's lawn mower racing experience in a lower class before allowed to compete in this class. BMMA will make the final decision on driver eligibility.
2. Right angle gear boxes (RAGB) allowed in this class.
3. Engine must be of a type manufactured for lawn mower use. Vertical or horizontal shaft permitted.
4. Mowers may use a lawnmower or custom built tube frame.
5. "Kart" seats allowed in this class. Seats must be mounted in the center of the frame and be mounted in a vertical orientation. No part of the seat may extend past the rear fenders.
6. Lawn Mower or Grooved Racing tires with performance compound allowed

**NO SNOW HOGS OR DEEP LUG TIRES**