

TIA 2021

Adult light weld class

Sign in ends 1 hour before derby starts

Derby entry fee \$35.00

Safety Rules

- 1-Drivers must wear a t-shirt or sleeveless shirt and long pants when in the derby
- 2-Helmets must be worn at all times unless derby is over or your off the track
- 3-Drivers under the ages of 14-18 must have parents permission and must be present when driver is registering

Mower Rules

- 1-Must be front engine riding mower completely belt driven
 - 2-NO drive shafts driven mowers or chain driven mowers
 - 3-Mower decks must be removed before you get to the derby
 - 4-Must have lawn mower engine no bigger than a 25 hp you are allowed a 10 inch by 10 inch by 1/4 inch motor plate that can be bolted down with 4 3/8 bolts
 - 5-You can change the engine and rear end pulleys for more speed.
 - 6-Rims can't be any larger than 12" inch rims
 - 7-Tire chains will not allowed
 - 8-Foam filled and liquid filled and tire tubes are allowed
 - 9-Exhaust must point up or down no bigger than 3 inches
 - 10-exhaust plate can be no bigger than 13X13X1/8 can not be no more than 1/2 inch overlap on craftsmans an can only be welded on 2 sides either front an back or sides only on top no welding the plate underneath.
 - 11-Hoods must be stock lawn mower hood If your mower has a plastic hood you can change it with another metal lawn mower hood can fill in grill area with same thickness of metal must have head light holes you Can't use street signs at all. If you dont run a hood must have shroud on engine for safety reasons.
 - 12-Hoods can only be attached by 3/8 bolts to the cage an allthread on the brush guard not all the way to the frame just thru the top bar.
 - 13-You can weld front axle solid so it don't move
 - 14-You can have a spark plug or motor protector as long as it bolts to the engine only can not touch the frame or cage header protector allowed but must be mounted to protector only an not touching hood frame or allthread. If you run protector you can not run front cage one or the other not both.
 - 15- your allowed one bar from leg guard to brush guard 4 inches above the frame no lower must be level with the cage no angling these bars downward no gussesets on these bars.
 - 16- brush guard can be no taller than the engine an no wider than the bumper shocks must sit on top on shocks. Your allowed a brace bar in between upright bars no lower the 4 inches. No gussesets.
 - 17-Leg guards are Mandatory if u don't have leg guards u can't run 25% of cage material can be no bigger than 2X2X1/4 inch tubing the other 75% no bigger than 2X2X1/8 inch tubing all cage from the dash bar forward must be 1/8 absolutely no 1/4 inch in front besides the bumper.
 - 18- you can build a cage that ties into frame in 8 spots of the frame 2 behind the front tire an 2 in front of the back tire for the leg guards 4 bumper shocks 2 in front 2 in back.the 25% of 2X2X1/4 inch tubing is to be used for safety such as the main leg bars, belly bars an braces nothing more.
 - 19-Back bar can only be as wide as the the fenders and can't be tilted back no farther than 5 in past straight up and down
 - 20-Pre ran mowers can put 3x3 plate only on the bends no doubling plates on top each other.
 - 21-You can reinforce the steering with other lawn mower parts or heim joints but no over kill
 - 22-Gas tank and battery must be secured down and place we're they can't be hit Can run any kind of battery just as long as it's secured down
- Bumper shocks may be welded on no farther than 4 inches on the frame. You may extend out as far as needed to pass the tires. No bracing or gussesets on bumpers or shocks.
- 23-bumpers are to be no bigger than 3X3X1/4 an no wider the center of the tires. No pointed or jagged bumpers.
 - 2-NO reinforcing frame other than what being allowed

- 24-Mower will be inspected before the derby hood can be bolted or screwed down after inspection.
 - 25-Must make contact with 90 seconds or you will be out
 - 26-Officials on track has last say we'll not tolerate fighting
 - 27-No drugs or alcohol allowed remember this is a family friendly
 28. If it's not in the rules don't assume you can do it call and ask first
- Any questions you can contact Skyler Elliott 618-240-5779

TIA 2021

Adult limited weld stock class

Sign in ends 1 hour before derby starts

Derby entry fee \$35.00

Safety Rules

- 1-Drivers must wear a t-shirt or sleeveless shirt and long pants when in the derby
- 2-Helmets must be worn at all times unless derby is over or your off the track
- 3-Drivers under the ages of 14-18 must have parents permission and must be present when driver is registering

Mower Rules

- 1-Must be front engine riding mower completely belt driven
- 2-NO drive shafts driven mowers or chain driven mowers
- 3-Mower decks must be removed before you get to the derby
- 4-Must have lawn mower engine no bigger than a 25 hp you are allowed a 10 inch by 10 inch by 1/8 inch motor plate that can be bolted down with 4 3/8 bolts
- 5-You can change the engine and rear end pulleys for more speed 3/4 transaxle no bigger.
- 6-Rims can't be any larger than 12" inch rims
- 7-Tire chains will not allowed
- 8-Foam filled and liquid filled and tire tubes are allowed
- 9-Exhaust must point up or down no bigger than 3 inches. Must be clear of carburator to avoid fires.
- 10-Hoods must be stock lawn mower hood If your mower has a plastic hood you can change it with another metal lawn mower hood can fill in grill area with same thickness of metal must have head light holes you Can't use street signs at all
- 11-Hoods can only be attached by self tapping screws or 3/8 bolts or can be welded on and you can have two pieces of 3/4 all thread in front coming up through Hood you can also weld two washer to the frame for all thread to go through but must be small gap between them and the exhaust plate and all thread is only allowed 4 nuts per piece. Allthread may be sleeved with round or square tubing but must be a firm snug fit meaning ID of sleeving no bigger than 1inch and no thicker than 1/8inch this is to help save you from replacing allthread after each derby.
- 12-You can weld fender to frame you can seam weld dash and hood but make sure to clean up ur welds
- 13-You can fill in the front exhaust box hole on a Craftsman frame with a piece of 1/8 inch flat steel no more than half inch overlap only you can only welded on two sides you can also extend the stub nose mowers with two pieces of 2 by 2 1/8 inch angle can overlap on frame 3 in to weld cannot extend any farther than 7 and 1/2 inches out then you can put the exhaust plate on there no wider than 10 in wide and no longer than 5 and 1/2 any more questions on this rule contact me. John Deer 240/craftsman gt or anything frame bigger than 10X5 1/2 can have a 2 inch wide by 1/ 8 inch thick ran down side of the frame on top for the the exhaust hole can only weld on one side and lap around the end one in with Weld
- 14-You can weld front axle solid so it don't move
- 15-You can have a spark plug or motor protector as long as it bolts to the engine an engine plate only. can not touch the frame or cage header protector allowed but must be mounted to protector only an not touching hood frame or allthread.
- 16-Leg guards are Mandatory if u don't have leg guards u can't run no belly bars cage material can be no bigger than 2X3X 1/4 inch tubing

- 17- you can build a 4-point cage that ties into frame in four spots only and can only be below the frame 6 inches
 - 18-Back bar can only be as wide as the the fenders and can't be tilted back no farther than 5 in past straight up and down
 - 19-Pre ran mowers can put 3x3 plate only on the bends no doubling plates on top each other no more than 6 patch plates
 - 20-You can reinforce the steering with other lawn mower parts or heim joints but no over kill
 - 21-Gas tank and battery must be secured down and place we're they can't be hit Can run any kind of battery just as long as it's secured down. Must have fuel shut off switch in easily reached area incase of fuel leak. Fuel line must be ran around engine not over the top of shroud.
 - 22-no bumper on front of mower or the back of the mowers
 - 23-NO reinforcing frame other than what being allowed
 - 24-Mower well be inspected before the derby hood can be bolted or screwed down or welded but must be able to see in side hood to inspect
 - 25-Must make contact with 90 seconds or you well be out
 - 26-Officials on track has last say we'll not tolerate fighting
 - 27-No drugs or alcohol allowed remember this is a family friendly
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2021 Youth Stock Mower Rules Age 8-15

- 1.Must be a stock lawnmower [No1inch axle mowers]
- 2.Must be belt driven.
- 3.No pulley swap must be factory
- 4.Must have stock lawnmower tires no V-tread.
- 5.You can bolt or weld hood for hitting.
- 6.If mower has fiberglass hood you can replace with a factory metal hood off of another mower no home made hoods.
- 7.Must have 4 point cage for safety you can connect cage in 4 spots to frame with a kicker. Must gave back guard. no belly bars(bars under frame crossing from one side to the other.)
- 8.No adding metal anywhere other than cage and kicker for cage support.
- 9.No welding on frame or any other spots on the mower other than specify in rules
- 10.Cage must be within the body lines of mower can not extend out from fenders.
- 11.NO HITTING IN THE BACK OF OTHER MOWERS THIS IS FOR YOUR SAFETY**
- 12.And the most important rule is to have fun.
- 13.battery an fuel tank must be secured in safe locations. Fuel shut off switch is a must an easily reached in case of fuel leaks.

If you have any questions about the rules you can contact me. Skyler Elliott 618-240-5779

These are the add-on rules for this class you can have two pieces of all thread no bigger than 3/4 inch to go from front of the hood down to frame to help tie down Hood if it is a stub nose mower like a MTD or Murray you can add angle iron no bigger than 1 inch by 1 inch by 1/8 inch that can overlap on to the frame and be welded only an inch and a half and can be extended out 7 inches and then have a piece of angle the same size that can connect the two pieces from the frame