

# 2025 Yates County Mower Demolition Derby Rules:

## FRAME

1. The mower must have a factory frame. No homemade frames.
2. No doubling of frames.
3. No kickers.
4. Frame may be replaced; replacement section may be added with a section of the same frame and may not be overlapped more than 1".
5. May use 2 fix it plates max per tractor all season- 3" x (height of frame)" x 1/8" plate max. Must prove damaged area. Take a picture before fixing.
6. Holes in frames may also be welded. Ex. (Craftsman tractors- the exhaust hole maybe welded shut) May use 1/8" plate may not exceed more than 1" past holes.
7. Front axle may be dropped in the axle slot and welded solid so it does not pivot. No moving the axle forwards or backwards. No plating or added metal is allowed to be added to the axle.
8. Front and rear bumpers are to be max 2"x1/4 round pipe, 2x2 1/4 square tube, 2x2x1/4 angle, 2" I beam or 2" C channel. If using angle, I beam or C channel, flat side must be facing out.
9. Front bumpers must be no wider than center of tire to center of tire. Bumpers cannot extend out more than 8 inches from frame (to the face of the bumper).
10. Back bumpers must be no wider that the width of the frame. Bumpers cannot extend out more than 12 inches from the back of the transaxle (to the face of the bumper).
11. Bumpers must remain flat, no points of any way. No stacking tube, just a single piece of tubing.
12. Bumper shocks may be welded or bolted to the side of the frame (not real shocks)
13. Front Bumper shocks are allowed but material may be no bigger than 2"x2"x1/8 tube or 2x2x1/4 angle iron. Shock must not be longer than 6 inches on the frame. This will also be strictly enforced.
14. Rear Bumper shocks are allowed but material may be no bigger than 2"x2"x1/8 tube or 2x2x1/4 angle iron or 2x3/8 flat stock. Shock must not be longer than 6 inches on the frame. This will also be strictly enforced

15. Front bumper must be mounted parallel to the frame it can't be mounted at an angle upward (if mounting a bigger tire on the front and smaller tire on rear makes it angle that is ok)

16. [example] 6" on frame plus 8" from the front of frame to the front face of the bumper is a total of up to 14"

#### DRIVE TRAIN

1. Mower motor must start no more than 25 H.P. Factory blocks only.

2. Motor must have a fan shroud of some kind.

3. No rear engine mowers or zero turns

4. Brakes must work when pulling in for heat race. You must also have forward and reverse.

5. Engine must be factory lawn mower engines such as Briggs & Stratton, Tecumseh and onan. No after-market engines. Must be an engine that would have come from factory on either a lawn or garden tractor. 2-cylinder max. Gas ONLY.

6. Lawn mowers must be belt driven

7. Mower must have a kill switch or key that must be red or painted red.

8. Batteries must be removed from mower and only used to jump start the mower before the heat begins. If pull start is used, driver will not be permitted to restart engine during heat.

9. Fuel tank must be securely mounted and not leak fuel. Fuel line must have an accessible fuel shut off.

10. Pulley swaps are allowed and highly encouraged

11. Wheels to be used. Stock wheels only. Tractor/Ag ATV, ONLY NO AUTO, OR SOLID TIRES ARE PERMITTED!

12. No wheel weights permitted. NO Tire chains, AIR ONLY IN TIRES! No dual tire setups

13. Bead locks may be used on rear tires ONLY

14. Minimum 6 inch, maximum 12-inch rear wheel and minimum 6 inch and maximum 10-inch front

15. TRANSAXLES MUST BE FACTORY Mower type nut. Welding type spider gears are permitted.

16. May run spark plug, carb, air breather protector's engine cradle to protect engine components is permitted maximum thickness of 1/4" material, must be bolted to the engine cannot exceed 3" outside of the engine and must not protrude out any part of the hood.

17. Foot throttles are permitted

18. A quick release/ aftermarket steering wheel is allowed.

19. A cable shifter is allowed.

## BODY

1. Mowers must be factory available mowers or garden tractors.

2. MUST HAVE HOOD AND FENDERS. Hood must be in factory location. Top of engine must be covered. Sides of stock hood may be cut off. If stock hood is plastic or fiberglass may use 1/16 (.063) or 15 gauge (.067)" max plate to make one. Hood must be secure, welded, bolted, or screwed on

. 3. Lawn Mowers must be shorter than 36 inches (measured at top of hood)

4. Fenders and hood may be creased and seam welded.

5. Fenders of tractor may be lowered but cannot be homemade or change appearance

6. Body must not be welded to frame in any way.

7. You may fill holes in the body with sheet metal no thicker than 1/8". Metal may not extend more than 1" past any part of the hole/area.

8. A custom dash is permitted but the dash may not be thicker than 1/8" and must not be welded to frame. Dash must stay flush on frame and may not attach to cage. Dash may not extend under hood no more than 2". Dash may not be wider than hood.

9. If running a factory dash it must not be welded to the frame in any way

10. Mower deck must be removed.

11. All headlights and any other glass and plastics must be removed before you enter the pits.

12. Gas tank must be fastened with cap on. If it comes loose or gas leaks you will be disqualified. Must be located in a safe place and protected- No gas tanks under seat. Mandatory- must have a gas shut off switch in reach of the driver.

13. Fender shifters must have a protective guard/cage around them. This may not protect tires in any way.

#### CAGE

1. LEG GUARDS ARE MANDATORY, MUST BE SOLID AND SECURED OR YOU WILL NOT RUN.

2. Mowers must have leg guards made of steel. At minimum material must be 1" square tube or 2" angle iron. Material may be no larger than 2"x2". At Least two uprights. Sheet metal is an acceptable filler in-between up right and can be up to 1/8 thick

3. Leg guards can attach in two spots on the frame. But they can't run from one side to the other underneath the mower. They must attach to the outside of the frame.

4. A dash bar may be run from one leg protector the other and a mid-bar may be ran must be lower than the seat and on the top side of the body from one leg protector the other. This is to stop the leg protectors from collapsing in on the drivers' legs

5. The top of the cage must be a minimum of 6" above where the foot sits.

6. Cage must be no wider than 3" past fenders or 42" in width.

7. Cage must not extend forward past the front of the running board or rearward past the front of rear tires.

8. A back seat bar is allowed. This is to protect the back of the driver seat. Maximum material size 2"x2"x1/4 angle or square, 2" round tube, 2"x2"x1/4" c channel. This bar may be mounted to the leg protection structure and/or the rear bumper. If connecting to the leg protection structure it must run at a angle across the fender connecting to the seat bar, but must NOT protect the rear wheels in any way!

#### DRIVER RULES

1. All drivers Must be 16 years of age or older with parent consent.

2. All mowers will be teched by an official.

3. Mower must have a visible number on both sides of the mower.

4. All drivers and pit members must have a pit pass. All pits are hot zones and waiver must be signed.

5. All drivers must wear a DOT helmet, short or long sleeve shirt, jeans or work style pants, closed toe shoes.

6. No alcohol consumption allowed by any drivers before the event.
7. No arguing with any officials if this happens you could be asked to leave the event.
8. Stay on the mower at all times even after the stick is broken. If the driver gets off the mower at any time besides emergency you will be disqualified.
9. Driver is allowed 1 minute to make contact if the driver does not make contact, the driver will be disqualified.
10. No changing tires, belts, parts during the event. Any part of the mower that becomes disconnected from the mower may not be put back on at any time.
11. Roll-over driver is out if heat. Also, if a driver touches the ground with a hand or foot, driver is out of heat
- . 12. For safety, if mower does roll over, drivers must stop and wait until that driver up-rights his/her mower and gets off track.
13. If anyone touches another tractor or driver with anything but their tractor they will be disqualified!
14. \*\*\* No exceptions! If your tractor does not comply, you will not run. NO REFUNDS
15. Officials have the final say and do reserve the right to disqualify drivers for actions on the track or any other un sportsmanship actions (any un sportsmanship actions will result in a disqualification for the entire event with no refund)

For questions, please call or text Matt Gascon JR 585-402-0540 or Justin Gilmartin 315-576-8382