

# **Weed Wacker Pulling Association**

**Version 7.0 Rule Book**

**Supersedes all rule books prior to January 12 2016**

## **Track Specifications**



***Length: 60 foot track***

***5 foot pull back area***

***5 foot shutdown area***

***70 foot total***

***WIDTH: 6 Foot***

***SURFACE: Dirt***

***DEFAULT LINE: 15 foot***

***STARTER PLATE***

***Utilized Behind the starting line for sled roll-out.***

## **WWPA Sled Specifications**

***Overall Length (minus chain): 55"***

***Empty Weight: 100lbs***

***Competition Chain Length: 6 3/4" long (to the root of the hook)***

***Experiment Exhibition Tiller Tire Chain Length: 7 3/4"***

***Chain Height: 1 3/4" from the ground, mounted on  
the front leading edge of the skid pan.***

***\*ALL vehicles hooking to the sled in use, must accept the carabineer style safety chain hoop (closed loop) connected to the sled. A Safety Chain failure or disconnect from the sled loop will result in a D.Q.***

## **2WD Stock Truck Class**



- A. Engine: 2.13 C.I. 35.0 C.C. maximum displacement. 2 cycle or 4 cycle common lawn and garden manufactured stock. Naturally aspirated carburetor. No turbo or superchargers allowed.***
- B. Fuel- Any fuel type, Nitrous Oxide is Not allowed. Propane fuel is allowed but not as an additive or to have additives. The onboard propane fuel tank must be commercially available and production made. No homemade or modified production propane tanks. No on-site refueling of propane tanks is allowed at any WWPA events.***
- C. Chassis: Any readymade or home built***
- D. Wheelbase: Your choice***
- E. Tires: Rear – Maximum Diameter 6 ½” Maximum Width 4 ½”. Must resemble an agricultural type, chevron treaded style tractor tire. No pin spikes, knobby’s, ATV, duals, sand paddles or chains allowed. Cutting or modifying tires is allowed. Front – Any R/C buggy or stadium truck type / style tire. Any tread.***
- F. Hitch rigid mount, 5/16: hole. Min., Max. hitch height 4 1/2" high, 5-5 1/2" from center of axle to rear***

*most part of hitch, and from rear of the 5/16" hole to rear most part of hitch is 3/16" to 1/4" maximum.*

*G. Weight: 21 Lb. Maximum*

*H. Length: 36: overall*

*I. Body: Car, Truck, or Van*

*J. Exhaust: Stock, modified stock or custom made exhaust systems, Tuned pipes (large expansion chambers) are allowed but must be totally enclosed under bodywork.*

## **2WD Tractor Class**



*A. Engine: 2.13 C.I. 35.0 C.C. maximum displacement. 2 cycle or 4 cycle common lawn and garden manufactured stock. Naturally aspirated carburetor. No turbo or superchargers allowed.*

*B. Fuel- Any fuel type, Nitrous Oxide is Not allowed. Propane fuel is allowed but not as an additive or to have additives. The onboard propane fuel tank must be commercially available and production made. No homemade or modified production propane tanks. No on-site refueling of propane tanks is allowed at any WWPA events.*

*C. Chassis: Any readymade or home built.*

*D. Wheelbase: 24 inches max*

*E. Tires: Rear – Maximum Diameter 8 3/8" Maximum Width 4 5/8". Must resemble an agricultural type, chevron treaded style tractor tire. No pin spikes, knobby's, ATV, duals, sand paddles or chains allowed. Cutting or modifying tires is allowed. Front – Any R/C buggy or stadium truck type / style tire. Any tread.*

***F. Hitch rigid mount, 5/16" hole. Min., Max. hitch height 4 1/2" high, 5-5 1/2" from center of axle to rear most part of hitch, and from rear of the 5/16" hole to rear most part of hitch is 3/16" - 1/4" max.***

***G. Weight: 25 Lb. Max***

***H. Length: 32: overall***

***I. Body: Must resemble and agricultural tractor or an old time modified. Must have fly wheel and drive chains covered or recessed in body.***

***J. Exhaust: Stock, modified stock or custom made exhaust systems, Tuned pipes (large expansion chambers) are allowed but must be totally enclosed under bodywork.***

## **2WD Modified Tractor Class**



***A. Engine: No motor(s) limit. Naturally aspirate carburetor(s). No turbo chargers or superchargers.***

***B. Fuel- Any fuel type, Nitrous Oxide is Not allowed. Propane fuel is allowed but not as an additive or to have additives. The onboard propane fuel tank must be commercially available and production made. No homemade or modified production propane tanks. No on-site refueling of propane tanks is allowed at any WWPA events.***

***C. Chassis: Any ready made or home built***

***D. Wheelbase: Unrestricted.***

***E. Tires: Rear - Any agriculture bar tread style tire not to exceed 13 1/2" in diameter. No pin spikes, knobby's, ATV, duals, sand paddles or chains allowed. Cutting or modifying tires is allowed. Front – Any R/C buggy or stadium truck type / style tire. Any tread.***

***F. Hitch: Rigid mount, 5/16" hole, Max. hitch height 4 1/2" high, Minimum distance from rear of hole to rear most part of hitch is 3/16" max 1/4"***

***G. Weight: 40 lbs max.***

***H. Length: 36" max.***

***I. Body: optional. Must have fly wheel(s) and drive chain(s) covered.***

***J. Exhaust: Stock, modified stock or custom made exhaust systems, Tuned pipes (large expansion chambers) are allowed but must be totally enclosed under bodywork.***

## **General Rules**

- 1. All vehicles covered by this rule book shall be powered by fuel and have a body attached that resembles a car, truck, van or tractor.***
- 2. All are subject to pre-pull inspections.***
- 3. All vehicles must be hooked to the sled and safety chain before engine start up, prior to and during their track run.***
- 4. Each vehicle must be weighed after each pull.***
- 5. Any vehicle may be inspected at any time by the competition. 1st, 2nd and 3rd place in each class will be inspected after the pull competition is completed with 4th place standing by. The bore and the stroke will be checked. In the event of a D.Q. each place will move up. 4th place then moves into 3rd. The person who D.Q.'s will lose all points earned for the season up to that point.***
- 6. If a puller stops before the 15 foot line, he has the option to restart one time. He must pull immediately after the sled is returned to the starting line. Then rule #7 applies.***
- 7. A one minute timer will allow for any adjustments / corrections or drivers choice to drop to last position before time is up. If one minute timer runs out before adjustments or corrections, or a choice to drop to last position is made, then that will be considered your attempt for that round.***
- 8. Order of pullers will be set by drivers drawing numbers.***
- 9. Setting the sled: The last two pullers will set the sled.***

10. *Start and finish of each pull shall be determined by a designated flagman.*
11. *Distance pulled shall be measured from the center rear of the sled.*
12. *Ties will be broken by adding weight to the sled and re-pulling.*
13. *Touching or crossing any part of the boundary line with any one or more of the vehicles wheels will result in a DQ.*
14. *Each driver will get 2 attempts up to and including 20 entries per class. If 21 or more entries are present per class, only 1 attempt for each driver will be allowed.*
15. *A vehicle may be entered no more than 2 times and must be driven by a different appointed driver.*
16. *No intentional jerking of the sled after the flagman signals stop.*
17. *All other radios must be turned off while a pull in is progress.*
18. *No dual tires, chains, or spikes*
19. *Wheelie bars permitted.*
20. *Weights and body must be firmly attached to vehicle. If anything falls off and the driver stops before the 15 foot line he gets a single restart. If anything falls off after the 15' mark and finish line, it is a DQ. If a driver goes out of bounds before the 15 foot mark, he gets a single restart. No restarts during pull offs.*
21. *If pulling sled malfunctions, the driver will get a restart.*
22. *Decisions of track officials are final. Designated flag man can call on the hitch official if he is in doubt of a call.*
23. *Vehicles must have a working safety switch mounted in a vertical position in the rear of the vehicle. The kill chain must be hooked through a loop on the vehicles kill switch. It is up to the driver to make sure the chain is hooked up properly. A functional safety switch is mandatory. A faulty switch is a DQ. It is the drivers responsibility to insure the sled is set (in gear) before his or her run. An unset sled will result in a DQ.*
24. *Vehicles must start off of the line from a stopped, standing and idle position. No running starts are permitted. A starting plate for the sled will be used for every pull.*
25. *Experimental vehicles are always welcome but for exhibition only. All WWPA General and Safety*



*rules apply.*

**26. It is the sole responsibility of the vehicle's owner and driver to ensure the safe construction and operation of their vehicle(s) / equipment at and during all WWPA sanctioned events. Any vehicle / equipment recognized by the track officials as unsafe or possess a threat of injury to the spectators or competitors will not be allowed to run.**

## **Experimental Classes**

**The following 1/5<sup>th</sup> scale "Tiller Tire" tractor classes are developmental and pull as exhibition only. The proposed rules listed have not been ratified by the WWPA membership and classes are not eligible for championship points. Individual class rules are subject to ongoing change and modification but must adhere to all WWPA general and safety rules.**

### **1/5<sup>th</sup> Scale Farm Stock Tractor**



- \* Must resemble a commercially available, early or late model, two wheel drive, farm tractor.**
- \* Rear tires must be 13.0"dia x 5.00"wd chevron style, roto-tiller, pneumatic tires. Cutting or modifying tires is allowed.**
- \* Front tires can be hard rubber or pneumatic. Minimum 4" diameter Maximum 5" diameter.**
- \* Engine- Any readily available commercial or residential weed eater, chainsaw, or leaf blower naturally aspirated engine up to 35cc 4-stroke or 28cc 2-stroke. No turbo or superchargers allowed. After market**

*carburetors are allowed but must have a return spring that closes the carburetor in the event the throttle servo becomes detached . No high performance, large scale R/C or specialty engines allowed.*

*\*Exhaust- Stock, modified stock or custom made exhaust systems, Tuned pipes (expansion chambers) are not allowed in this class.*

*\* Fuel- Pump gas 93 octane Maximum. Propane fuel is allowed but not as an additive or to have additives. The onboard propane fuel tank must be commercially available and production made. No homemade or modified production propane tanks. No on-site refueling of propane tanks are allowed at any WWPA events. Competitors may be asked to use tech table fuel.*

*\* Maximum tractor length - 32.5”.*

*\* Maximum tractor width - 18.0”.*

*\* Maximum Wheel base - 22.0”.*

*\* Maximum tractor weight - 50.00 lbs.*

*\* Hitch must be rigidly mounted 3 1/2” to 5” from center of axle to rear most part of hitch.*

*\* Hitch hole must be 5/16” minimum 3/8” maximum diameter hole.*

*\* Hitch Hole can be no more than 1/4 “ and no less than 3/16” from the rear most part of the hitch hole to the rear most part of the hitch.*

*\* Hitch must have an adjustment range of 4 1/2” to 5 3/4” from the ground to the top of the hitch. Tentative maximum hitch height is 5.0”.*

*\* Tractor must have functional wheelie bars. No rollers, wheels or tires.*

*\* Tractor must have vertically mounted safety kill switch rigidly mounted on the rear of the tractor that will accept the safety chain from the sled in use.*

*\* Realism is encouraged in this class, the addition of special effects (smoke, lights) is allowed. On board driver is recommended.*

## **1/5<sup>th</sup> Scale Pro-Stock Tractor**





- \* Must resemble a commercially available, early or late model, two wheel drive, farm tractor.*
- \* Rear tires must be 13.0"dia x 5.00"wd chevron style, roto-tiller, pneumatic tires. Cutting or modifying tires is allowed.*
- \* Front tires can be hard rubber or pneumatic. Minimum 4" diameter Maximum 5" diameter.*
- \* Engine- Any readily available, production made, normally aspirated 2 or 4-stroke engine up to 50cc. max. displacement. After market carburetors are allowed All carburetors must have a return spring that closes the carburetor in the event it becomes disconnected from the servo. No turbo or superchargers allowed.*
- \* Exhaust- Stock, modified stock or custom made exhaust systems, Tuned pipes (expansion chambers) are allowed but must be totally enclosed under bodywork..*
- \* Fuel- Any liquid fuel type, no nitrous allowed. Propane fuel is allowed but not as an additive or to have additives. The onboard propane fuel tank must be commercially available and production made. No homemade or modified production propane tanks. No on-site refueling of propane tanks are allowed at any WWPA events.*
- \* Maximum tractor length - 36.0"*
- \* Maximum tractor width - 18.0".*
- \* Maximum Wheel base - No restriction.*

- \* *Maximum tractor weight - 60.00 lbs.*
- \* *Hitch must be rigidly mounted 3 1/2" to 5" from center of axle to rear most part of hitch.*
- \* *Hitch hole must be 5/16" minimum 3/8" maximum diameter hole.*
- \* *Hitch Hole can be no more than 1/4 " and no less than 3/16" from the rear most part of the hitch hole to the rear most part of the hitch.*
- \* *Hitch must have an adjustment range of 4 1/2" to 5 3/4" from the ground to the top of the hitch. Tentative maximum hitch height is 5.0".*
- \* *Tractor must have functional wheelie bars. No rollers, wheels or tires allowed on wheelie bars.*
- \* *Tractor must have vertically mounted safety kill switch rigidly mounted on the rear of the tractor that will accept the safety chain from the sled in use.*
- \* *Realism is encouraged in this class, the addition of special effects (smoke, lights etc.) is allowed .On board driver with roll cage is recommended.*

## *1/5<sup>th</sup> Scale Super Stock Tractor*



- \* Must resemble a commercially available, early or late model, two wheel drive, farm tractor.*
- \* Rear tires must be 13.0"dia x 5.00"wd roto-tiller, pneumatic tires. Cutting or modifying tires is allowed*
- \* Front tires can be hard rubber or pneumatic. Minimum 4" diameter Maximum 5" diameter.*
- \*Engine- Any readily available normally aspirated 2 or 4-stroke engine up to 97cc. max. displacement. No turbo or superchargers allowed. Tuned pipes (expansion chambers) are allowed but must be totally enclosed under bodywork. After market carburetors are allowed. All carburetors must have a return spring that closes the carburetor in the event it becomes disconnected from the servo.*
- \*Exhaust- Stock, modified stock or custom made exhaust systems, Tuned pipes (expansion chambers) are allowed but must be totally enclosed under bodywork.*
- \* Fuel- Any liquid fuel type, no nitrous allowed. Propane fuel is allowed but not as an additive or to have additives. The onboard propane fuel tank must be commercially available and production made. No homemade or modified production propane tanks. No on-site refueling of propane tanks are allowed at any WWPA events.*
- \* Radio- Tractor must have a DSM or Spectrum channel 2.4 GHz control unit*
- \* Maximum tractor length - 36.0"*
- \* Maximum tractor width - 18.0".*

- \* Maximum Wheel base - No restriction.*
- \* Maximum tractor weight - 60.00 lbs.*
- \* Hitch must be rigidly mounted 3 1/2" to 5" from center of axle to rear most part of hitch.*
- \* Hitch hole must be 5/16" minimum 3/8" maximum diameter hole.*
- \* Hitch Hole can be no more than 1/4 " and no less than 3/16" from the rear most part of the hitch hole to the rear most part of the hitch.*
- \* Hitch must have an adjustment range of 4 1/2" to 5 3/4" from the ground to the top of the hitch. Tentative maximum hitch height is 5.0".*
- \* Tractor must have functional wheelie bars. No rollers, wheels or tires allowed on wheelie bars.*
- \* Tractor must have vertically mounted safety kill switch rigidly mounted on the rear of the tractor that will accept the safety chain from the sled in use.*
- \* Realism is encouraged in this class, the addition of special effects (smoke, lights etc.) is allowed. On board driver with roll cage is recommended.*