

## NWTPA 2009 Rules for garden and farm tractors

**General Rules: pull officials reserve the right to modify and enforce safety rules at the pulls!!**

### **Stock Farm Tractors**

1. Any tractor may qualify in a max (2) classes. One hook per class
2. Draw bar must not exceed 21 inches in height. Weights will not be more than 21 inches forward from the fixed front of the tractor (NON-MOVING PARTS). Any weight or part falling off the tractor during the pull shall result in disqualification. Hitches can't be closer than 12 inches from center of housing.
3. The tractor weight will include the driver. There will be no weight or driver change after weigh in.
4. Drivers will be 14 years or older or have an valid tractor safety operator permit.
5. Tractor engines must be STOCK. No turbo unless factory issue for date of tractor.
6. Tractors will not exceed 5 mph. except during competition.
7. There will be no transmission downshifting during a pull. A restart will be allowed within the first 25 feet.
8. Pull will end when the flagger signals to stop!! Hole digging will result in a 25feet penalty.
9. **No cutting tires.**
10. **Stock Tractors will not exceed 8 mph.**

### **Super-Stock/Super Farm/Pro Stock Tractors**

1. There is no limit on tire size, cut tires ok, but no dual tires.
2. There is no track speed limit. 5mph maximum off track limit.
3. Wheelie bars are required, 2 bars are required on new tractors
4. Tractors of any age are welcome
5. Kill switch that can be used by sled driver required
6. On board fire extinguisher required
7. Hitch height requirements same as stock tractors (21") with the following restrictions; 3" opening, 7/8 thickness. No closer than 18" from rear axle.
8. Tractor must have working brakes
9. Three tractor minimum to hold class, otherwise combine classes.
10. Tractor must be no longer than 12ft. from center of rear axle to front most point (open for discussion)

11. Rear fenders recommended, required for new tractors 2010 season.
12. Electric fans recommended and required for 2010 season.
13. Deadman's throttle (spring loaded to return engine to idle) mandatory by 2010
14. Engine must be the same make, with the same number of cylinders as issued from the factory.
15. Engines may be mounted in any safe manner
16. Any safe RPM
17. Custom exhaust and intake manifolds/headers ok
18. Turbo chargers and super chargers allowed, water injection ok, inter and after coolers ok (limit on number of turbos?)
19. Must have shields around turbo and super charger and cross bolts (or other system of stopping turbocharger parts from coming out of the exhaust during a pull) holding exhaust housing in place.
20. SFI steel clutch required
21. Side shields are required, not less than 1/8" thick, covering from the bottom of the block up to the head.
22. General safety rules for the NTPA and PTPA will be recognized
23. Roll cage and 5 point harness required
24. Helmets and fire suit required

### **Naturally Aspirated Hot Farm**

1. There is no limit on tire size, cut tires ok, but no dual tires.
2. There is no track speed limit. 5mph maximum off track limit.
3. Wheelie bars are required, 2 bars are required on new tractors
4. Tractors of any age are welcome
5. Kill switch that can be used by sled driver required
6. On board fire extinguisher required
7. Hitch height requirements same as stock tractors (21") with the following restrictions; 3" opening, 7/8 thickness. No closer than 18" from rear axle.
8. Tractor must have working brakes
9. Three tractor minimum to hold class, otherwise combine classes.

10. Tractor must be no longer than 12ft. from center of rear axle to front most point (open for discussion)
11. Rear fenders recommended, required for new tractors 2010 season.
12. Electric fans recommended and required for 2010 season.
13. Deadman's throttle (spring loaded to return engine to idle) mandatory by 2010
14. No age limit on tractors
15. Gasoline, propane, or diesel fuel only. No injection of combustion enhancing material (NOx, alcohol, ect.)
16. Engine can be any engine made by the original tractor manufacturer for ag and industrial use with same number of cylinders.( I.E. Moline 800, IH 501, 4-741 in Oliver/Massy allowed, ect.) No cubic inch limit, no turbochargers, Detroit engine bowers ok.
17. Side shields are required, not less than 1/8" thick, covering from the bottom of the block up to the head.
18. Custom exhaust and intake manifolds/headers ok.
19. Any safe RPM
20. Steel flywheels will be required by the 2010 season for tractors that are running over 30% of stock RPM
21. Clutch protection is required, of any reasonable configuration. Transmission blanket recommended and will be required by 2010 season.
22. Helmets, fire suits, and roll bars recommended.

### **Modified Farm Tractors**

1. There is no limit on tire size, cut tires ok, but no dual tires.
2. There is no track speed limit. 5mph maximum off track limit.
3. Wheelie bars are required, 2 bars are required on new tractors
4. Tractors of any age are welcome
5. Kill switch that can be used by sled driver required
6. On board fire extinguisher required
7. Hitch height requirements same as stock tractors (21") with the following restrictions; 3" opening, 7/8 thickness. No closer than 18" from rear axle.
8. Tractor must have working brakes
9. Three tractor minimum to hold class, otherwise combine classes.

10. Tractor must be no longer than 12ft. from center of rear axle to front most point (open for discussion)
11. Rear fenders recommended, required for new tractors 2010 season.
12. Electric fans recommended and required for 2010 season.
13. Deadman's throttle (spring loaded to return engine to idle) mandatory by 2010
14. Limited to one v-8 engine, 1 carburetor only (any size), stock fuel injection, no super or turbo chargers
15. NOx injection ok.
16. No cubic inch limit
17. Must look like a tractor, have at least partial sheet metal and grill
18. Gasoline only
19. Side shields are required, not less than 1/8" thick, covering from the bottom of the block up to the head.
20. Roll bar or roll cage required, seatbelts recommended.
21. Helmets required and fire suits are recommended.
22. Steel flywheel and bell housing required, transmissions scatter blanket, driveline safety shielding required.
23. Wide front end required
24. Vertical exit for exhaust recommended and required on new tractors.

### **Unlimited Modified**

1. There is no limit on tire size, cut tires ok, but no dual tires.
2. There is no track speed limit. 5mph maximum off track limit.
3. Wheelie bars are required, 2 bars are required on new tractors
4. Tractors of any age are welcome
5. Kill switch that can be used by sled driver required
6. On board fire extinguisher required
7. Hitch height requirements same as stock tractors (21") with the following restrictions; 3" opening, 7/8 thickness. No closer than 18" from rear axle.
8. Tractor must have working brakes
9. Three tractor minimum to hold class, otherwise combine classes.

10. Tractor must be no longer than 12ft. from center of rear axle to front most point (open for discussion)
11. Rear fenders recommended, required for new tractors 2010 season.
12. Electric fans recommended and required for 2010 season.
13. Deadman's throttle (spring loaded to return engine to idle) mandatory by 2010
14. We will allow any tractor to pull which passes in the PTPA, NTPA, ect. For unlimited modified rules.

### **Stock Garden Tractors**

1. Wheelie bars are mandatory
2. Two weight classes: 0-950 lbs. and 951-1200 lbs with driver
3. Tires size not to exceed 26" x 12" x 12"
4. Hitch height 13 inches max. no closer than 6 inches from center line of rear axle
5. Front weights no more than 18 inches in front of center of front axle
6. Must have proper engine for model of tractor- same horsepower as original
7. Can't have any modifications other than tire size
8. The minimum age for this class only is 9 years old and must prove ability to handle lawnmower by passing skills test administered by safety committee. Adult must also walk beside tractor during pull.

### **Modified Garden Tractor**

1. Wheelie bars are mandatory
2. Weight 1200 lbs. max with driver
3. Tire size not to exceed 26"x12"x12"
4. Hitch height 15 inches max. no closer than 6 inches from centerline of rear axle
5. Front weights no more than 18 inches in front of center of front axle
6. No more than 2 cylinder engine from any lawnmower for any chassis and naturally aspirated (no turbo or nitrous)
7. 55 inch wheel base max.
8. The minimum age for this class only is 14 years old and must prove ability to handle lawnmower by passing skills test administered by safety committee.
- 9. Need to have kill switch**

## **Super Modified Garden Tractors**

1. Wheelie bars are mandatory
2. Weight 2000 lbs. max. with driver
3. Tire size not to exceed 31"x15"x15"
4. Width of tractor 60 inches max.
5. Hitch height 15 inches max, no closer than 6 inches from centerline of rear axle
6. Limited to 200 cubic inches
7. Must have scatter shield around clutch
8. Engine safety plates on sides of block
9. Chain shields on all chains at least 12 gauge thick
10. Rear fenders and front grill
11. Must have appearance of tractor
12. Rear mounted kill switch for sled operator and fire extinguisher
13. Driver must wear helmet.
14. The minimum age for this class only is 14 years old and must prove ability to handle lawnmower by passing skills test administered by safety committee.