



INDIANA GARDEN TRACTOR PULLERS ASSOCIATION, INC.

[www.geocities.com/igtpa](http://www.geocities.com/igtpa)

# **I.G.T.P.A 2006-2007 RULES**

## **GENERAL RULES**

1. Hitching point will be stationary. No more than 13" from the ground to the top of the draw bar. Minimum draw bar length is 6" from the center of the rear axle to point of hook, with opening suitable for 3/8" slip hook. NO three point hitches or chain riders. Chain must hang in a straight line from hitching point to sled.
2. No rosin, belt dressing or other foreign material is to be used on the tires or pavement. No studs or tire chains.
3. No shifting of weights while tractor is in motion. No dirt or sand bags. All weight must be secured fast. Left to the discretion of the safety committee.
4. The tractor weight is to include driver weight, including helmet in modified classes.
5. No part of the tractor, extension, bracket, or weight is to exceed more than 6 ½ feet from center of rear axle in all stock classes, and 8 feet from center of rear axle in 30 cu. in., Pro stock, Super stock, and Open classes.
6. No pressurized fuels. No nitrous oxide. No nitro in any form will be allowed.
7. All exhaust will exit in a vertical position not more than 10 degrees off vertical center, or have a stock approved muffler.
8. No four wheel drive tractors.
9. If you don't pull in the class, you can't vote in the class.
10. The board of directors and club officers will contract with an individual for sled care and sled transportation.

## **SAFETY RULES**

1. All tractors must have a safety device to prevent turnovers. This device is to have metal wheels or skid pads. Wheels are to be at least 1" wide. Skid pads are to be no less than 5" behind rear of rear tires, and no more than 5" above the ground. Left to the discretion of the safety committee.

2. Driver must remain seated in an approved seat mounted in a factory-type manner and with one hand on steering wheel at ALL times. No tipping of the seat is to be allowed after tractor is in motion. Left to the discretion of the safety committee or track officials. Children 10 years and younger must have factory seats.
3. All final drives, belts, chains, gears, and open pulleys must be shielded. Modified classes must use 1/8" steel or 1/4" aluminum. 10 H.P. tractors must use a minimum of stock type guards. All tractors (except Opens) must have a hood grill. No cardboard. Any uncovered sparkplugs must be shielded. All modified tractors with cast iron blocks must have engine side shields. SPECIFICATIONS TO READ AS FOLLOWS: Shield opposite carburetor must be as wide as base of block and extend vertically at the same width to top of block. Shields shall be constructed of a minimum of 1/8" steel or 1/4" aluminum, to be mounted to frame no more than 3" from block and attached by at least two 5/16" grade bolts.
4. All starter and non-shielded pulleys are to be of solid material. No spoke or die cast pulleys. All starter pulleys must have a retaining device to prevent pulley from coming off crankshaft. Modified tractors must have flywheels and clutch assemblies shielded 360 degrees within 2" of outside diameter with a minimum of 1/8" steel or 1/4" aluminum. Left to the discretion of safety committee.
5. No weight holding devices are to extend more than 1" outside rear wheels and cannot exceed a maximum of 5" behind the rear wheels. Left to the discretion of the tech committee.
6. Judges may disqualify any tractor they feel is unsafe, operated unsafely, or operated illegally while on grounds.
7. All tractors shall be equipped with a dead man's throttle or a hand throttle which must accelerate in forward position.
8. All tractors must have a kill switch IN WORKING ORDER.
9. Fire extinguishers are to be on ALL modified tractors and sled, and in working order.
10. All tractors must have adequate steering and workable brakes. The definition of adequate is left to the discretion is left to the safety committee.
11. All dipsticks shall be secured to prevent popping out.

12. Drivers in all modified classes must wear a D.O.T. approved safety helmet and fire suit – top and bottom or one piece coverall type suit. Drivers under 16 years of age must wear D.O.T. approved helmet when pulling any tractor.

## **ON TRACK, OPERATION OF PULL, & PROTEST**

1. Driver and two assistants are allowed on the track while hooking tractor, then assistants must be off track during pull. Driver must keep tractor in control by himself or be disqualified. All tractors must be pushed backwards to be hooked up to sled. The use of reverse gear is prohibited. After the sled has returned to start line you have 3 minutes to hook and attempt to pull or you will drop three places or to the end of the class.
2. Shifting of gears is permitted as long as forward motion of tractor is not stopped.
3. When forward motion of sled is stopped the pull attempt is over.
4. No excessive arguing with pull officials or you will be suspended from the next three pulls. Next suspension your membership will be revoked for one year from the date of suspension. Both suspensions may occur at the same pull if the arguing occurs in excess.
5. If ballast, weight, or anything added to tractor for additional weight, falls off tractor while it is hooked to the sled, pull attempt will be disqualified.
6. Excessive leakage (over 2" in width) will be reason for disqualification for that class per hitch. Left to the discretion of track officials.
7. Tractor's wheels must remain within track boundaries or pull is disqualified. Five points for participation will be still be given for out of bounds disqualifications. Minimum track width to be 16 feet. Track must have definite boundaries with end of boundaries considered a full pull. Full pull is when the front of the sled meets or passes the boundary end. If more than one full pull per class, all full pullers will pull off to determine the winner.
8. The first tractor or test puller in each class, or a driver with mechanical problems, has the option to drop 3 places or to the end of the class.

9. A driver has two attempts to move the sled. Mechanical failure within the first 50 feet constitutes a re-pull. If the driver raises his or her hand in an attempt to stop within the first 50 feet, the sled will be stopped and the driver may make a second attempt. This applies to both stock and modified tractors. Out of bounds is out of bounds before or after the 50-foot mark.
10. Each driver must weigh in tractor and check hitch immediately before going to hook to the sled in his or her class. After pulling, the tractor must return to the scales and re-weigh (if applicable).
11. Each member shall have the right to protest the eligibility of any tractor or engine. A protest fee of \$10.00 for RPM check, \$25.00 for head or carburetor, or \$50.00 to pull motor to check for stock rod, piston. The fee will be paid by both parties, the person in the right will receive both fees, except for RPM check; club will receive protest fee. Protest must be made within 3 minutes after the last puller in that class has pulled. None of the class prize money will be paid until protest is decided. Membership and tractor eligibility are revoked if you refuse to tear down upon request.
12. Random teardown may occur at least once per year per class. All motors in all classes.
13. If any rules infraction is discovered by the tech committee during teardown, penalties will be as follows: 1st infraction, tractor is stripped of points and prize money for that pull. Before being allowed to pull that tractor again, owner must prove tractor is legal. 2nd infraction, stripped of all points for season, tractor and driver are suspended for 1 calendar year.
14. No alcoholic beverages allowed on track.
15. Definition of R.P.M.'s: The club tach will always be available prior to pulling if you need to check R.P.M.s. The club reserves the right to check R.P.M.s at any time. If found illegal after you hook in your class, you and your tractor will be disqualified for that day. Second infraction during that season will carry a penalty of one year suspension effective from the date of violation to the same date the following year for that tractor.
16. The driver must weigh his or her tractor with the front weight rack in the pulling position.

## **MEMBERSHIP, POINTS, AND PAYBACK**

1. Membership is to run from January 1st to December 31st of the year membership is purchased. \$20.00 for single membership (\$10.00 for membership, \$10.00 for insurance). Family membership is \$40.00. Family is spouse or dependants age 5 to 18. \$10.00 one day membership, not on mailing list, eligible for added money. One day member **MUST** purchase annual membership at their second pull of the season. The officers will receive a \$10.00 paid membership, but they still have to pay the \$10.00 for insurance. Officers include one president, one vice president, one secretary, and one treasurer.
2. Standard entry fee is \$15.00. \$6.00 goes toward club expenses, the rest will be paid back at each event. No refund if an attempt is made. An attempt is defined as hooking to the sled and having a measurable distance.
3. No outside club can take any of the entry fees.
4. All pulls will be one hook pulls. One hook per tractor per class, per pull.
5. All pullers must be club members.
6. Late entries will be taken if there are at least 3 tractors left to pull in the class.
7. \$500.00 minimum added purse money shall be guaranteed by pull promoter. \$300.00 will be for payout. \$200.00 will be for club expenses. Money must be received by club at least two weeks prior to pull, or pull will be cancelled. The board of directors must approve all pulls.
8. You can only run 1 tractor in 2 classes per event.

### **Points System**

All pulls will be counted together. Points go to the tractor, not the driver. Numbers will be assigned to each tractor at the first pull. Drivers will furnish their own numbers; minimum 3 inches high, on both sides of the tractor.

1st place= 35 points

2nd place=32 points

3rd place= 29 points

4th place= 26 points

5th place= 23 points

6th place= 20 points

7th place= 17 points

8th place= 14 points

9th place= 11 points

10th place= 8 points

There will 5 points awarded to each tractor placing 11th or below. ANY tractor going out of bounds will receive only 5 points.

### **Payback for classes & Added money**

\$1.00 end of year fund

\$2.00 for club expenses

\$3.00 for sled expenses

\$9.00 payback at pull

\$15.00 Total Entry

### Payback

#### **Two places**

1-60%

2-40%

#### **Three places**

1-45%

2-33%

3-22%

#### **Four places**

1-40%

2-30%

3-20%

4-10%

#### **Five places**

1-30%

2-25%

3-20%

4-15%

5-10%

#### **Six places**

1-28%

2-23%

3-18%

4-14%

5-10%

6-7%

#### **Seven places**

1-26%

2-21%

3-17%

4-13%

5-11%

6-7%

7-5%

#### **Eight places**

1-22%

2-19%

3-17%

4-13%

5-11%

6-8%

7-6%

8-4%

### Added money

Added money will be divided equally among all classes that have at least 5 tractors.

The % formula above will be used when calculating added money for classes.

\*\*Classes that have fewer than 5 tractors will not be eligible for added money.

## **I.G.T.P.A 2006-2007 Rules**

### **Class Rules: 0 – 10 H. P. - Max Cu. In. 25. Stock-850 lbs.**

1. Governor in working order.
2. No more than 4,000 RPM's with RPM-stop on block.
3. Gasoline only! No additives. (pump fuel)
4. Single cylinder bore .040 In. over stock.
5. No locked rear ends.
6. Maximum cylinder bore .040 In. over stock.
7. Steel or aluminum rim width will not exceed the tread width of the tire. No tires over 23 X 10.5 X 12 in size. No dual garden tractors type tires.
8. Stock means stock motor, stock frame, engines must have stock crank, stroke, valves, carb., rod, piston, stock head, flywheel, for that model motor. Do not exceed front of frame, maximum wheel base length of 52" from center of rear axle forward.
9. 1" maximum carburetor throat on all engines.
10. Milled heads are allowed as long as you don't alter the ramp or the valve pocket. One factory head gasket in stock location allowed.
11. Cam shaft can be any cam grind.
12. Factory stock valve size intake (max. 1.380 in.) and exhaust (max. 1.125 in.) valves need to be O.E.M. stock.
13. No block porting.
14. Stock flywheel only.
15. Cub style twin disc clutch allowed. No Volkswagon type clutches allowed.
16. Stock ignition only.
17. Velocity stack is allowed.

### **0 – 14 H.P. - Maximum 32.0 Cu. In. - 900 lbs.**

Same rules as 0 – 10 H.P. Class, with the following exceptions:

1. Copper head gasket allowed.
2. Automotive type (chevy) points are allowed.
3. Porting and polishing permitted.
4. 4500 R.P.M. allowed.
5. All tractors must be equipped with scatter shields. (See general



- rules #3).
6. All tractors that run over 4000 r.p.m. must use steel flywheel.
  7. Maximum valve size: Intake—1.380 Exhaust—1.380

### **30 Cu. In. Modified - 950 lbs.**

1. 30 Cubic inch maximum displacement.
2. Single cylinder, flat head, air cooled
3. Open carburetion.
4. Gas or alcohol. No additives. No Nitro.
5. Naturally aspirated.
6. All tires must be a 12" maximum or less garden tractor tire on a 12" maximum rim diameter with no vulcanizing and having at least a portion of tread remaining. No duals.
7. No electronic fuel injection.

### **Big Stock - Maximum 60 Cu. In. - 1,000 lbs. for over 50 Cu. In. - 1,100 lbs. for 50 Cu. In & Under**

1. Governor in working order.
2. Governor RPM's stop on block or shroud.
3. Gasoline or diesel. No additives.
4. Single or twin cylinder, 4 cycles, air cooled only for under 49 cu. in., 49 cu. in. or under can be liquid or air cooled.
5. Tires may not be over 26 X 12.0 X 12 In. in size. Rim width is not to exceed width of the tire. No duals. Garden tractor type tires.
6. Stock means stock motor, stock frame, engines must have stock cranks, stroke, valves, carb., rod, piston, stock head, flywheel for that model motor. Do not cut and/or add to length of frame, front axle cannot exceed front of frame, maximum wheel base length of 52" from center of rear axle forward.
7. Carburetor must be engine manufactured type (Kohler on Kohler, Onan on Onan, etc.) NO INTAKE MODIFICATION!
8. Milled heads are allowed as long as you don't alter the ramp or valve pocket. Factory type head gasket or gaskets installed in the proper location.

9. Cam shaft may be any cam grind.
10. Factory stock valve size intake and exhaust valves need to be O.E.M. stock.
11. Port and polish permitted.
12. Volkswagon clutches are allowed. Steel flywheels are recommended. You must run a stock shroud. Clutch must be shielded 360 degrees by either 1/8" steel or 1/4" aluminum.
13. Stock ignition system only.
14. Maximum 4500 r.p.m.
15. All tractors that run over 4000 r.p.m must be be quipped with scattershields (see safety rule #3), the same as modified tractors.
16. All tractors that run over 4000 r.p.m. must use steel flywheel.
17. Maximum valve size: Intake—                      Exhaust—

### **50.5 Cu. In. Superstock Class - 1,050 lbs.**

1. 50.5 cubic inch maximum displacement.
2. Single cylinder, flat head, air cooled.
3. Open carburetion.
4. Gas or alcohol. No additives. No Nitro.
5. Naturally aspirated.
6. All tires must be a 12" maximum or less garden tractor tire on a 12" maximum rim diameter with no vulcanizing and having at least a portion of tread remaining. No duals.
7. No electronic fuel injection.

### **50.5 Cu. In. Prostock Class - 1,050 lbs.**

1. 50.5 cubic inch maximum displacement.
2. Single cylinder, flat head, air cooled.
3. 1.2 venturi carburetion.
4. Gasoline or alcohol. No additives. No Nitro.
5. Naturally aspirated.
6. All tires must be a 12" maximum or less garden tractor tire on a 12" maximum rim diameter with no vulcanizing and having at least a portion of tread remaining. No duals.
7. Maximum length of 8 feet from center of rear axle. No part of the tractor, extension, bracket or weight is to extend more

- than 8 feet from the center of the rear axle.
8. No higher than stock Kohler deck height (maximum height 8.625 in.).

### **Open Class 1,150 lbs.**

1. Any single or twin cylinder, flat head, air cooled 4 cycle engine or engines.
2. Gas, alcohol, or diesel fuel. No additives. Upper cylinder lube only. No Nitro.
3. Open carburetion.
4. Any tire allowed up to 15" rim diameter. No duals.
5. 8 feet maximum length from the center of the rear axle to forward most point. No part of the tractor, extension, bracket, or weight is to extend more than 8 feet from the center of the rear axle.

### **Stock Altered – 1,050 lbs.**

1. Single cylinder four cycle flathead engines only.
2. Engines must be Kohler, Wisconsin, Tecumseh or Briggs.
3. Engine blocks must have an OEM stock appearance.
4. Engines must be factory productions or their OEM replacement with factory deck height.
5. Stock head bolt pattern=>stock head gasket must fit over studs or bolts.
6. Stock head bolt location and head bolt size.
7. Maximum crankshaft stroke 3.25"
8. Maximum engine bore 3.780"
9. 36.5000 cubic inch limit.
10. Maximum engine valve size 1.380"
11. Maximum engine valve lift .330"
12. Maximum carburetor venturi size 1.00", no air entering after 1.00" restriction, venturi must be round in shape.
13. Carburetor must be mounted to the engine with no more than 1" spacer.
14. No reverse port engines allowed, carburetor must go to the original intake port.
15. Carburetor must be a stock appearing Kohler-type.
16. Billet heads permitted.

17. Porting and polishing allowed.
18. No external welding or external modifications allowed.
19. All thread through finned area is acceptable.
20. Welding permitted in crankcase area of the block for repair.
21. Methanol only. No additives. Grade A or AA methanol permitted.
22. Must run a factory appearing hood and grill.
23. Tractors must have garden tractor rear ends.
24. Tractors must use stock garden tractor frames.
25. Frames must maintain factory length.
26. Wheelbase: 52 inches maximum.

**I.G.T.P.A.  
2006 OFFICERS**

President	Phil Burton	765-434-8827 (cell)
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Treasurer	Deb Hileman	574-893-7368 (home) 574-505-0446 (cell)

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2006-2007**

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