Contest is held at JD Equipment in London, OH. The address is: 1660 U.S. 42 London, OH 43140.

GENERAL GUIDELINES
1. Classes
   - J-1 Junior Division (ages 8-11)
   - J-2 Intermediate Division (ages 12-13)
   - J-3 Senior Division (ages 14 and older)

2. Participation Guidelines:
   - For the safety of bystanders, parents/siblings are NOT allowed near the driving and parts ID areas.
   - The clock trophy winner of any class in 2016 is not eligible to participate in the same class in 2017.
   - Any previous senior trophy winners of the National Tractor Event are not eligible to participate again.
   - Each county may have up to three participants in each class according to the age specifications printed.
   - Participants in classes J-1 thru J-3 must be enrolled in a 4-H Tractor program/project.
   - Safety will be stressed throughout the contest.
   - Awards will be presented at the conclusion of all contestants completing the course, approximately 5:00 p.m. If scoring is completed sooner, an announcement will be made on site and awards presentation will begin.
   - The event will be judged outdoors. In case of severe weather conditions, the contest will proceed at the discretion of the superintendent.
   - John Deere tractors will be used as available, with these expected size (subject to change)
     - J-1: Lawn mower of 20-30 Hp with hydrostatic transmission (example X500)
     - J-2: Tractor with two-wheel trailer; tractor 30-60 Hp with hydrostatic transmission (ex: 400 series compact utility)
     - J-3: Tractor with two-wheel and four-wheel trailer; tractor 45-100 Hp with manual transmission (i.e. clutch) (ex: 5000 or 6000 series utility tractor)
     - Parts Identification (all age groups): Large row-crop tractor (ex: 6000-8000 series)
   - Judges will preside over the event and their decision will be final.
   - The contest is designed to be a practical demonstration and an attempt has been made to simulate operating conditions.

3. Type of Evaluation:

<table>
<thead>
<tr>
<th>Class</th>
<th>Types of Evaluation</th>
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<tbody>
<tr>
<td>J-1</td>
<td>Interview</td>
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<tr>
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<td>Parts Identification</td>
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<tr>
<td>J-2</td>
<td>Written Test</td>
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<tr>
<td></td>
<td>Parts Identification</td>
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<tr>
<td>J-3</td>
<td>Written Test</td>
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<tr>
<td></td>
<td>Parts Identification</td>
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</tbody>
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4. Participant MUST bring:
   - Registration information provided to you by your County 4-H Educator.
   - A display board is not required for classes.
AWARDS AND SPONSORS
1. All participants will receive a participation award sponsored by the Ohio State Fair.
2. The top 20% of each class will receive “Outstanding of the Day” awards sponsored by the Ohio State Fair.
3. One clock trophy will be presented to the top individual in each class. The 2016 sponsor was: Power Show Ohio.

2016 CLASS WINNERS (are not eligible to participate in the same class in 2017)
J-1 Youngest Tractor Division Adam Wolf, Wayne
J-2 Junior Tractor Division Eli Molitor, Paulding
J-3 Senior Tractor Division John Hoenie, Mercer

JUDGING TIME SCHEDULE FOR TRACTOR CLASSES
10:00 AM: ALL J-3 participants
- J-1 and J-2 participants from the following counties:
  - Champaign, Clark, Darke, Delaware, Fairfield, Fayette, Franklin, Greene, Hardin, Licking, Logan, Madison, Marion, Miami, Montgomery, Morrow, Pickaway, Preble, Ross, Shelby, Union

11:00 AM: J-1 and J-2 participants from the following counties:
- Allen, Auglaize, Clinton, Crawford, Hancock, Hocking, Knox, Mercer, Muskingum, Richland, Paulding, Perry, Putnam, Van Wert, Wyandot

1:00 P.M. ALL REMAINING J-2 and J-1 participants from COUNTIES not listed above
Tractor Parts Identification
Parts to be identified have numbers attached to them. Select the most correct part name from this list. Write the corresponding number on the line beside the name below.

- Air conditioner, compressor
- Air conditioner, condenser
- Air filter
- Air intake
- Alternator
- Battery
- Camshaft (Internal)
- Connecting rod (Internal)
- Crankshaft (Internal)
- Drawbar
- Engine oil drain plug
- Exhaust manifold
- Exhaust pipe
- Fan
- Fan belt
- Fan belt tensioner
- Flywheel (Internal)
- Fuel tank cap
- Fuel filter
- Fuel injection pump
- Fuel injector
- Governor (Internal)
- Hand holds
- Hazard flasher-warning light
- Head gasket (Internal)
- Headlight
- Hydraulic hose
- Hydraulic reservoir
- Intake manifold
- Intercooler
- Main bearing (Internal)
- Muffler
- Oil level indicator (dipstick)
- Oil filler cap
- Piston (Internal)
- Piston connecting (wrist) pin (Internal)
- P.T.O. master shield
- P.T.O. stub shaft – 540 RPM
- P.T.O. stub shaft – 1000 RPM
- Radiator
- Radiator cap
- Radiator hoses
- Radiator reservoir
- Roll Over Protective Structure (ROPS)
- Slow moving vehicle (SMV) emblem
- Starter
- Steering tie rod
- Steps
- 3-point hitch – lower arms
- 3-point hitch – top link
- Thermostat (Internal)
- Throttle rod
- Tire valve stem
- Turbo charger
- Turn signal
- Valve, engine (Internal)
- Valve cover, engine
- Valve cover gasket (Internal)
- Valve push rod (Internal)
- Valve rocker arm (Internal)
- Valve spring (Internal)
- Water pump
- Weight bracket
- Weights, front
- Weights, wheel
J-1 – Junior Division Lawn Tractor Driving Course

The lawn tractor WILL NOT have a deck. The distance between the cones will be the width of the tractor wheelbase (outside width) PLUS 12 inches (6 inches on each side). Deductions are given for: Touching cones, knocking over cones, changing direction (except when reversing is required), parking in shed (Step 3), and time (goal = less than 5 minutes to complete course).

Before driving, the friendly judges will orient the participant to the lawn tractor and the course (no experience necessary, but strongly encouraged).

= Cone, = Travel forward, = Travel backward (reverse)

Step 1: Drive forward and weave thru obstacle. Turn around and come back while driving forward.

Step 2: Drive forward down alley. Stop at end. Back (REVERSE) down alley.

Step 3: Back into shed. Stop and allow judges to take measurements (straightness in shed from side to side, within 6 inches of back cone).

Return to Start/Stop line.
TWO WHEEL DRIVING COURSE

DIRECTION ---FORWARD
OF TRAVEL    ---- BACKWARD

SCALE: 1" = 16'

25' MINIMUM CLEARANCE AROUND OBSTACLE COURSE
FOUR WHEEL DRIVING COURSE

Use the 20' line for start and finish. If necessary, the outer post of the two 11' gates may be moved to adjust the "degree of difficulty." Be sure tractor and wagon can negotiate through gates and turns without fouling the implement.

DIRECTION OF TRAVEL
FORWARD
BACKWARD
2017 UPDATED DOCUMENTS

Please check back here periodically to receive the most updated information.

Parts Example Identification List: https://osu.box.com/v/4HTractor-PartsID

J-1 Driving Course (Lawn Tractor): https://osu.box.com/v/4HTractor-J-1CourseChanges

Two-Wheeled Driving Course:  https://osu.box.com/v/4HTractor-Two-WheelCourse

Four-Wheeled Driving Course:  https://osu.box.com/v/4HTractor-Four-WheelCourse

Registration Process (What to expect, where to go, tentative agenda, etc.):
https://osu.box.com/v/4HTractor-RegistationProcess