

TRACTOR MAINTENANCE: Agricultural and Lawn and Garden

Completion, exhibition participation, and State Fair information for Tractor Maintenance and Driving Contest

Division/Level	Grades	Completion Activities Needed*	Maximum State Fair Entries
Level A	Grades 3-4	Complete 1/3 of activities*	1 Entry and designated amount for driving contest per area guidelines
Level B	Grades 5-6	Complete 1/3 of activities*	1 Entry and designated amount for driving contest per area guidelines
Level C	Grades 7-9	Complete 1/3 of activities*	1 Entry and designated amount for driving contest per area guidelines
Level D	Grades 10-12	Complete 1/3 of activities*	1 Entry and designated amount for driving contest per area guidelines

*"Activities" are defined as project manual activities and/or Hendricks County 4-H Workshops related to this topic. Members must be able to prove attendance by getting a signature from 4-H Leader/Project Advisor that conducts the workshop. Activity sheets available in the Extension Office with Tractor Maintenance Project Manuals. Fair Exhibit requirements are listed below.

Remember: All posters, notebooks, and display boards **MUST** include a reference list indicating where information was obtained, giving credit to the original author, to complete the 4-H member's exhibit. This reference list should/might include web site links, people and professionals interviewed, books, magazines, etc. It is recommended this reference list be attached to the back of a poster or display board, be the last page of a notebook, or included as part of the display visible to the public. A judge is not to discredit an exhibit for the manner in which references are listed. Reference Sheets are available at the Extension Office for use. For personal safety, do not include personally identifiable information such as mailing address or phone numbers on posters/displays/exhibits.

EXHIBIT:

Level A: Grades 3 or 4

Choose one (1) of the following to exhibit at the fair. The subject matter content for the exhibit must correspond to the subject matter content found in the Level A manual.

- Poster
- Notebook Report
- Display Board: Display boards differ from a poster in that real objects are normally used rather than drawings or pictures. Three dimensional items are attached to the board. **Displays should be no larger than 2' x 3'.**

Level B: Grades 5 or 6

Choose one (1) of the following to exhibit at the fair. The subject matter content for the exhibit must correspond to the subject matter content found in the Level A or B manuals.

- Poster
- Notebook Report
- Display Board: Display boards differ from a poster in that real objects are normally used rather than drawings or pictures. Three (3) dimensional items are attached to the board displays should be no larger than 2' x 3'.

Level C: Grades 7 thru 9

Choose one (1) of the following to exhibit at the fair. The subject matter content for the exhibit must correspond to the subject matter content found in the Level A, B or C manuals.

- Poster
- Notebook Report

- Display Board: Display boards differ from a poster in that real objects are normally used rather than drawings or pictures. Three (3) dimensional items are attached to the board displays should be no larger than 2' x 3'.

Level D: Grades 10 thru 12

Choose one (1) of the following to exhibit at the fair. The subject matter content for the exhibit must correspond to the subject matter content found in the Level A, B, C or D manuals.

- Poster
- Notebook Report
- Display Board: Display boards differ from a poster in that real objects are normally used rather than drawings or pictures. Three (3) dimensional items are attached to the board displays should be no larger than 2' x 3'.

4-H Project Interactive Demonstrations may also be completed in all Levels for completion of project.

AG AND LAWN AND GARDEN TRACTOR DRIVING CONTEST

GENERAL GUIDELINES:

Lawn and Garden Tractor driving will be held during the Hendricks County Fair. Contest Rules can be found at the following website: <http://www.four-h.purdue.edu/tractor/>

Contests will be divided by grade:

Juniors – grades 3 to 7

Seniors – grades 8 to 12

1. All participants will be scored on written quiz, parts identification, tractor operation on the course, safety while at the contest and time.
2. Junior contestants will pull a 2-wheel trailer approximately eight (8) feet wide and 10-12 feet long. Tongue length will be approximately four (4) feet, as measured from the tongue's tip to the edge of the trailer's bed. Wheel location will be near the center of the bed.
3. Senior contestants will pull a 4-wheel wagon with knuckle-type radius rods (auto type) steering, approximately ten (10) feet long between axles, an 8-foot x 14-foot bed and a 52-inch stub tongue.
4. Any stake knocked over by the contestants (with any part of the tractor or wagon) will be replaced and the contestant must attempt the obstacle until satisfactorily completed or until time expires.
5. The written quiz will consist of 25 multiple choice questions, with 20 points added for each question answered incorrectly or omitted.
6. The parts identification quiz will consist of 25 parts. 20 points will be added to the contestant's score for each part incorrectly identified. Note: Pictures will be used for this component.
7. Junior division questions will be taken from supplement #1, "questions and answers for junior division written test", dated 2003. Senior division questions will be taken from supplement #2, "questions and answers for senior division", dated 2003, PLUS, supplement #1 mentioned above.
8. The driving event will be timed and will be scored on the basis of one (1) penalty point for each second. However, other penalty points for safety violations, hit markers, etc., will be so severe that the importance of speed will be minimized.
9. Terms and conditions will be as outlined in 4-H 84 "conducting 4-H petroleum power operators contest"