

Agricultural Tractor (Tractor Maintenance)

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PROJECT DESCRIPTION:

The purpose of the Tractor project is to give members the opportunity to demonstrate their knowledge in tractor operation, care and maintenance of tractors, and skill in operation. Safety in work habits and equipment operation is stressed. 4-H member will be enrolled in the project by their grade level in school.

POSTER OPTION FOR AG TRACTOR

All levels must choose one of the following to exhibit at the fair:

1. Poster - See general poster requirements and guidelines
2. Notebook report
3. Display board: Display board differs from a poster in that real objects are normally used rather than drawings or pictures. Three-dimensional items are attached to the board.
4. Action Demonstration.

LEVEL A (GRADES 3-4)

The subject matter content for the exhibit must correspond to the subject matter content found in the Level A manual.

LEVEL B (GRADES 5-6)

The subject matter content for the exhibit must correspond to the subject matter content found in the Level A or B manuals.

LEVEL C (GRADES 7-9)

The subject matter content for the exhibit must correspond to the subject matter content found in the Level A, B, or C manuals.

LEVEL D (GRADES 10-12)

The subject matter content for the exhibit must correspond to the subject matter content found in the Level A, B, C, or D manuals.

4-H TRACTOR DRIVING CONTEST

GENERAL RULES

1. There will be two divisions:
 - a. Junior Division Contestants must be in grades 3-7 within the academic year.
 - b. Senior Division Contestants must be in grades 8-12 within the academic year.
2. All entrants must be enrolled in the 4-H Tractor program.
3. Entrant will not be allowed to use their own tractor. Popular models of new tractors will be available.
4. Senior entrants will be scored on five items:
 - a. Quiz questions drawn from 1st, 2nd and 3rd division work.
 - b. Safety while at the contest.
 - c. Time.
 - d. Tractor operation on obstacle course.
 - e. Tractor parts ID

5. Junior entrants will be scored on five items:
 - a. Quiz questions drawn from division 1 work.
 - b. Tractor operation on obstacle course.
 - c. Safety while at the contest.
 - d. Time.
 - e. Tractor parts ID.
6. Junior entrants will pull a two-wheel trailer approximately eight feet wide and 12 feet long.
7. Senior entrants will pull a four-wheel wagon with knuckle-type, radius-rods (auto type) steering, approximately 10 feet length between axles, an 8' x 14' bed and a 52" stub tongue.
8. Separate courses will be provided for each division.
9. Trailer or wagon must be pulled by rear drawbar of tractor.
10. All tractors must have normal standard factory-installed equipment only.
11. The contestant is responsible to see that the tractor is suitable to be driven in the contest and for its proper operation (i.e. drawbar pinned, in good condition, etc.)
12. The penalty scoring system is to be used. Unanswered or incorrectly answered questions and violation of rules will draw penalty points for the contestant. The contestant with the lowest score or number of penalty points will be the winner. The driving events will be timed and will be scored on the basis of one 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.
13. An eight-minute limit will be used for both the Junior and Senior events. A penalty of 400 points will be added to the contestant's score for failure to complete the course within the allotted time.
14. Any stake knocked over by the contestant (with any part of the tractor or wagon) will be replaced and the contestant must attempt the obstacle until satisfactorily completed or time expires.
15. The written exam will consist of 25 questions. The questions will be multiple choice, taken from division 1 for the Junior Division and 1st, 2nd and 3rd divisions for the Senior Divisions. Twenty points will be added for each question answered incorrectly or omitted.
16. Any situation not covered here will be decided by the superintendent and assistants of the contest. Their decision shall be final.

STATE FAIR ENTRIES ARE DETERMINED THROUGH QUALIFICATION AT AREA CONTEST