



4-H Tractor Poster – Level D (Grades 10-12)

Record Sheet

Record for Year _____

A completed record sheet is due by the last business day of June to exhibit each project at the fair.
Use any 4-H publications, the internet, the library, or a professional to help you prepare your responses.

The Basics

Name _____ 4-H Club _____

Years in 4-H _____ Grade _____ Years in Project _____

Starting Up

Explain each of the towing mechanisms listed below.

1. Stationary Drawbar: _____
2. Swinging Drawbar: _____
3. 3-point Hitch: _____

Name three different drive systems for tractors and machinery.

1. _____
2. _____
3. _____

Explain how a clutch works. _____

Why is it important to change air filters? _____

Operating

List three pieces of safety equipment you should have when working with chemicals such as fertilizers or pesticides.

1. _____
2. _____
3. _____

List three cool weather engine starting aids.

1. _____
2. _____
3. _____

List two ways to reduce loader overturns on front-end loader tractors.

1. _____
2. _____

Rolling On

Provide a brief description of your 4-H exhibit or plan for your exhibit. _____

We do not necessarily care what you spent constructing your exhibit, but it is good for you to understand that things have a cost. Even poster boards are not free. Approximately how much did you spend constructing your exhibit or think you'll spend once it is complete?

\$0.00-\$5.00 \$5.00-\$15.00 \$15.00-\$30.00 \$30.00-\$50.00 Greater than \$50.00

Making Progress

Name three institutions in which you could study ag mechanics.

1. _____
2. _____
3. _____

Name three occupations, professions, or careers related to tractors.

1. _____
2. _____
3. _____

Of the careers you listed, which appeals to you the most and why? _____

What is the potential salary earnings for this career? _____

What is one thing you learned or sparked your interest as a result of completing this project? _____

In what way does this project apply to your life, or why is this subject matter important to you? _____
