

Completed (40 possible) \_\_\_\_\_  
 Accuracy of answers (30 possible) \_\_\_\_\_  
 Appropriate grammar (15 possible) \_\_\_\_\_  
 Neatness of record (15 possible) \_\_\_\_\_  
 Total \_\_\_\_\_  
 A = 86-100 points  
 B = 71-85 points  
 C = 70 points or less

Steuben County 4-H  
 TCTR-JR-21



# 4-H Tractor Safety & Operator Skills Junior Division (Grades 3-7) Record Sheet

Record for Year \_\_\_\_\_

A completed record sheet is due by the last business day of May 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

Name two safety features found on almost every tractor.

1. \_\_\_\_\_
2. \_\_\_\_\_

Some farm machinery is manufactured outside the United States. As a result, some parts are made on the metric system. What is the difference between metric and SAE (Society of Automotive Engineers) measurements?

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When replacing a bolt, you will need to know the bolt's size and the type of bolt. List three types of bolts you might find on a tractor.

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_

## Operating

What is the difference between grease and oil as it relates to tractor engines and mechanics? \_\_\_\_\_

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What problems might you encounter by having an extra rider in your tractor? \_\_\_\_\_

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What is the purpose of a rollover protection system? \_\_\_\_\_

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Provide an example of each of the following machine hazards listed in the table below.

Pinch Point	
Wrap Point	
Shear Point	
Crush Point	
Pull-In Point	
Free-Wheeling Objects	

Although we hope you never have to use one, explain the steps you would take to use a fire extinguisher.

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### Rolling On

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

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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 two businesses or companies in or near our community in which individuals work with tractors.

1. \_\_\_\_\_
2. \_\_\_\_\_

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

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

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