# MINNESOTA 4-H PROJECT EVALUATION

## TRACTOR

4-Her Name: ________________________________ Grade: __________

County or Club: ___________________ Years in 4-H: ________ Years in Project: ____

<table>
<thead>
<tr>
<th>Purple</th>
<th>Blue</th>
<th>Red</th>
<th>White</th>
<th>Other</th>
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**Comments:**
- Strengths/accomplishments
- Skills learned
- Areas to work on
- Possible new challenges
- Questions to think about

### Learning Involved:
- Understands history and context of tractors
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- Has knowledge of types of tractors and jobs they perform.
- Can identify tractor parts.
- Can identify tools and processes needed to repair, maintain and/or restore tractors.
- Can explain safe operating practices.

### Workmanship & Techniques of Project
- Exhibit is in good condition.
- Exhibitor is able to explain decisions made in exhibit selection and preparation.
- Exhibitor is able to explain resources used.
- Exhibitor can explain how problems were solved.
- Exhibitor can explain/demonstrate new learnings from their project work.
- Exhibitor shares future plans for their project: what will they do with their exhibit after the fair, what do they want to explore next year in the tractor project, what plans might they have for using this year’s exhibit in teaching others about tractors, etc.
- Is exhibit is attractive and neat?

### General Appearance and Design:
- Exhibit meets the rules and guidelines.
- Exhibit as presented is neat and attractive.
- Is information included about cost and materials used?
- Exhibit as presented is clean and free of debris.
- If a tractor is exhibited, is it empty of gas?
- Does the exhibit attract and hold attention?
| Rules | • The 4-Her’s name, county, and project name must be included on the back of any poster, display or notebook used as part of the exhibit.  
• Check space requirements for large exhibits with staff. Large exhibits may be displayed outdoors.  
• Fuel must be removed from exhibits for display. |
| --- | --- |
| Guidelines | • The scope of this project encompasses field, antique, modified, lawn and garden tractors.  
• The size of three-dimensional display and poster should be consistent with size recommended by Minnesota 4-H.  
• Projects are not limited to three-dimensional displays or posters; they may be actual tractors and parts, games, or technology-related exhibits.  
• Exhibit should show or explain something the 4-H’er made, did or learned about tractors.  
• Resources should be credited and documented in the exhibit (e.g., books, internet, 4-H or Extension publications, person with special knowledge, magazine articles, etc.). |
| Project Ideas | • Display that helps demonstrate what you have learned about tractors.  
• An exhibit that shows the uses or jobs that involve tractors.  
• An exhibit identifying purchasing decisions for your tractor or comparing costs of tractor use on their operation.  
• General safety during tractor operation.  
• Display identifying differences between mechanical and hydraulic transmissions and lifts.  
• Restored, reconditioned or rebuilt tractor and document with photographs of your steps.  
• Business plan for starting your own tractor-based business (lawn mowing, custom farm work, etc).  
• Material prepared to educate others about tractors.  
• Other ideas related to tractors. |

Revised April 2010-Logo Updated July 2012

**Resources Available:**

**Web site for Minnesota 4-H resources:**
www.mn4-H.umn.edu/projects  
http://z.umn.edu/mn4htractor

**Web site for National 4-H resources:**
http://www.4-hdirectory.org/ (Click Browse)  
http://www.4-hmall.org/Curriculum.aspx

Tractor Owners Manual, Libraries, Local implement dealers, Local tractor repair shops, Schools