

# LEAVENWORTH COUNTY FAIR 2026

## 4-H SMALL ENGINES

Superintendent: Open

Exhibit Judging: Monday, July 27<sup>th</sup> from 5pm – 8pm; 4-H Building (consultation)

Through Small Engines, you will have the opportunity to educate others about what you have learned in the project or to promote the benefits of participation in the small engines project.

All exhibits should involve engines smaller than ~~20~~25 horsepower. Engine should have no fuel in tank or carburetor.

### Rules

1. Read General Rules. Violation of any of the following rules may result in disqualification. All decisions will be made by a county agent and their decision is final.
2. Each Small Engines exhibit must include a “4-H Small Engines Information” packet with form. The form is available from your local K-State Extension office or at <https://engines.engtech4ks.com>. The form should be attached to a 10’ X 13” manilla envelope. Place exhibit paperwork and/or any pictures inside the manilla envelope. For notebooks, display boards, and posters, no additional exhibit information is required; no manilla envelope is needed for these exhibits
3. Items that have been in use should be cleaned for exhibit.
4. A sheet of operating instructions must be included in the packet for any exhibit that is not self-explanatory.
5. As exhibitors prepare their exhibits, appropriate PPE (Personal Protection Equipment) is required.
6. Cutting surfaces, such as blades, are to have a protective covering over them to prevent injury. The covering should be easily removed and reinstalled for judging. Foam “pool noodles” and multiple layers of cardboard are acceptable.
7. If a safety violation is noted by the judges, superintendent, or other staff, the exhibitor’s exhibit, at the judges’ discretion, may receive reduced ribbon placement or disqualification.

### CLASSES

**4610 Display:** Exhibit a display, selecting one of the following options: 1) a display identifying different engine or lawn and garden equipment parts or a display showing the function of the various engine or lawn and garden equipment parts; OR 2) a display identifying and explaining the function(s) of different special tools needed for small engine ~~work~~repair or maintenance; OR 3) a display illustrating and providing the results of any one of experiments that are included in the project books. No complete engines, lawn tractors, tillers, chainsaws are permitted for display in this class. Maximum tri-fold or display board size is 3’ x 4’, items may not extend beyond the 24” from the back of the display board.

**4611 Maintenance:** Exhibit a display that illustrates either: 1) Routine maintenance procedures OR 2) Diagnosing and troubleshooting specific problems in an engine. No complete engines, lawn tractors, tillers, chainsaws, etc. are permitted for display in this class, using

~~a~~A maximum tri-fold or display board size of 3' x 4', items may not extend beyond 24" from the back of the display board.

**4612 Operation:** Exhibit an operable small engine (no more than 20 HP) overhauled or rebuilt by the member. Include maintenance schedule for the engine and a brief description of steps taken by the member overhauling or rebuilding the engine. ~~The Engine-engine~~ should not contain ~~no~~ fuel in the tank or carburetor. All exhibits in this division ~~are limited in size to standard, tri-fold, display boards (36" X 48") and items may not extend beyond 24" from the back board. All displays~~ must be self-standing.

### **Scoresheets**

[Small Engine Scoresheet](#)

[Small Engine Exhibit Form](#)

[Educational Display, Notebook or Poster Scoresheet](#)

### **Resources:**

Project Area – [Small Engines](#)