

2026 Ag Mechanics Competition



Superintendents

Jerry Renshaw

Nathan Smith

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Show Dates

Saturday, March 14, 2026

The Ag Mechanics Contest is held in the Pavilion.

Ag Mechanics Schedule

Staging:

Thursday, March 12 - Friday, March 13 | 8 a.m.-6 p.m. (Detailed Schedule) | Pavilion

Project Check-In:

Must be check in by Friday, March 13 | 6 p.m. | Pavilion

Judging/Show Schedule:

Saturday, March 14 | 8 a.m. | Pavilion

Awards Ceremony and Sponsor Recognition:

Saturday, March 14 | 6 p.m. | Pavilion

Move Out:

Saturday, March 14 - Sunday, March 15 | Move out will be scheduled and should be followed. Division winners may be requested for display throughout the duration of the Oklahoma Youth Expo.

Ag Mechanics Regulations

The purpose of this show is to provide an opportunity for Oklahoma 4-H and FFA members to display projects constructed by students, to promote the development of skills in ag mechanics through competition and to recognize accomplishments in the area of ag mechanics.

All entries in this Ag Mechanics Competition will be subject to the General Rules and Regulations of the Oklahoma Youth Expo.

Nominations

There will be no nominations for the Ag Mechanics Competition.

Eligibility

Entries in this show are limited to Oklahoma 4-H and FFA members. The projects must have been constructed by 4-H and FFA members. Photo proof may be required and is encouraged periodically as the project is being constructed. **Projects require welding unless entered into the wood division.**

- a. A project may only be exhibited one (1) time at the Oklahoma Youth Expo. Only projects completed on or after March 15, 2025, are eligible for exhibition.
- b. Any project that does not fit into one (1) of the stated classes will be deemed ineligible and disqualified by Show officials.
- c. Projects must not be refurbished in the general Ag Mechanics & Engineering competition. Some actual construction must take place on the project. Pieces must be welded together other than the all wood division.

Loss or Damage

Every precaution will be taken to protect the projects entered; however, neither the Oklahoma Youth Expo, its staff, directors, superintendents nor judges will be responsible for any loss or damage to projects.

Entries

The entry fee is \$40. Entries must be made online by February 20, 2026. Late entries follow as with livestock: late entries submitted from February 24-February 27 are \$140 and all late entries submitted February 27 or after are \$250.

Projects may have been constructed by an individual or a group and may be individually or chapter owned. All projects must be entered in the names of the exhibitors who participated in the planning and construction of the project.

- a. Each exhibitor may enter six (6) individual projects; no more than one (1) per division. Each group of students may enter six (6) group projects; no more than one (1) entry per division.
- b. Exhibitors may not enter both a group and an individual project per division; if a team project is entered, all individuals on the team would be the maxed for the division.

Example: If a student is on a team with their club, they cannot enter an additional entry in the same division as their team entry.

If a club has a team in the division and another individual who is not on the team would like to enter into the same division, they can.

- c. A group of exhibitors shall not exceed four (4) students showing the project for a team.
- d. Substitution of projects will not be allowed.

e. Exhibit space and location will be at the Superintendents' discretion.

Showmanship

a. Exhibitors shall be dressed appropriately and remain with their project during judging and awards, official FFA or 4-H show attire is required, see general rules.

b. Exhibitors should be courteous and helpful to those viewing their project, including those exhibiting next to them. Exhibitors should not interfere with or shield those who are exhibiting next to them.

c. Exhibitors should be prepared to answer questions when their project is being judged. Knowledge of the project will be evaluated at that time. Exhibitors should be well informed on the project they are representing, but should not be boisterous or argumentative.

d. Exhibitors should make available any equipment that may be necessary to evaluate their project (flashlights, mat or creeper, square, tape, multi-meter, etc.). Exhibitors may be requested to hold measuring tape and assist the judge in making measurements on projects.

Ag Mechanics Guidelines

Presentation

- a. Teams should indicate to the judges which team member served as lead engineer and welder to better present information to the judges. All team members may present, but it is the responsibility of the team to clarify which team members worked on specific areas of the project.
- b. All projects should be complete including finish. Any item, necessary for use of the project, must be a part of it (example: hinges and latches on gates and panels, lift pins, hydraulic hoses on tractor equipment, etc.), including documentation.
- c. All projects must be painted or properly treated and must be clean and in a presentable condition, even though they may have been used. No touch up painting of ANY type will be allowed inside the exhibit area.
- d. Due to limited exhibit space, trailers and other equipment are to be displayed in transport position. Operation of ramps, extensions and other special features may be demonstrated only as directed by the official judges and as space permits.
- e. Tractors, trucks or other vehicles (including non-entered trailers) are not allowed in the exhibit area as part of the display. If the project is permanently attached, please contact staff or superintendents for ruling before arrival.

Documentation

A portfolio that includes the following: original (exhibitor created) plan or drawing, a bill of materials, and a construction log showing all phases of construction. ODOT regulations and specifications are to be provided as they apply to individual projects. Stands, podiums, etc. will be permitted. There will be no limitation on the documentation.

Portfolio:

The original (exhibitor created: hand drawn or digitally created) plan or drawing, a bill of materials and photographs showing all phases of construction/restoration should be bound together via binder or folder. Exhibitors may use their discretion on this part of the documentation but all of the above must be included.

Safety on the Fairgrounds

- a. General Safety – Appropriate and safe display stands must be provided for gates, panels and other projects that need support. Sharp edges and points, such as found on self-feeder roofs, bale movers, etc. are to be padded or covered as necessary to prevent injury. Flammable and/or combustible liquids shall not be used, stored or sprayed inside any building at any time. This shall include, but not limited to, enamel paints, thinners, reducers, gasoline or any other petroleum-based liquids. All liquids must be in properly labeled original containers. NO compressed gas cylinders are allowed to accompany any project. Hand wheels are to be removed. No regulators or hoses are to be installed at any time.
- b. Trailer Safety – All trailers and other equipment to be operated and/or transported on public roads are to be equipped with safety equipment specified in Oklahoma Statutes. All towed equipment, regardless of standards, is to be equipped with safety chains. All three-point hitch and power take off (PTO) operated equipment are to meet current ASABE Safety and dimension standards.