

**FFA AG MECHANICS & TECHNOLOGY SHOW**

Sponsored by Iowa State Fair and FFA Department

Supervisor of Exhibits - Dan May, Wayne FFA

Assistant Supervisors - Casey Brown, Indianola FFA; Carlton Ness, South Hamilton FFA; Courtney May, Mt. Ayr FFA; Nathan Fritz, Mediapolis FFA; Zach Morris, West Liberty FFA

**JUDGES** - School Mechanics Instructors; Agribusiness Representatives; Welding Representatives

Offered by Iowa State Fair --- \$1,200

**SCHEDULE**

**Tuesday, August 7**

Noon Entries may arrive  
7:00 p.m. All entries must be in

**Friday, August 10**

8:00 a.m. Judges' Meeting  
8:15 a.m. Exhibitor Meeting - FFA Display Building Courtyard  
Following Exhibitor Meeting Judging  
3:30 p.m. Awards Program - MidAmerican Energy Stage  
4:45 p.m. Parade of Exhibits (follow dismissal process)

**Sunday, August 19**

7:00 p.m. Entries released

**Monday, August 20**

8:00 a.m. - 3:00 p.m. Entries may be retrieved (optional time to Sunday, no staff will be available)

**GENERAL RULES**

1. General rules and regulations listed on the Iowa State Fair website and in the FFA section apply in this department, with special emphasis on the following sections: Member Eligibility, Supervision and Lodging and Good Conduct Policy.
2. Entries in this department must be part of the exhibitor's SAE program or as part of agricultural mechanics instruction in agricultural education classes. Students must have record books on all Ag Mechanics & Technology projects exhibited but are not required to display at the Fair.
3. **Entries must be submitted online on or before July 1.** Entry fee is \$5 per project.
4. Ag Mechanics & Technology projects shall not have been previously exhibited in any 4-H Classes at county fairs nor in the 4-H Science, Mechanics & Engineering Department at the Iowa State Fair.
5. Project must have been constructed primarily by the exhibitor. Projects may include wood, metal, concrete, fiberglass, mechanical, electrical and/or other ag technologies.
6. A project does not have to be constructed or restored the year in which it is exhibited.
7. Exhibitors will enter a class based on their judgement. However, the show supervisors will determine proper class after all projects are in place. Trucks, pick-ups or hot-rods are not eligible for the Restored Farm Equipment class.
8. There is no class for automobiles (vehicles that may be licensed), four wheelers, snowmobiles, motorcycles, boats, ATVs, etc.
9. No pedal tractors, cars or similar items unless the project has been altered other than just repainting.
10. No tractors or projects may return to the Iowa State Fair in the FFA Division once it has been exhibited by any member(s). Exceptions are only given if the project is brought back as a necessity to another project being judged. The original item already exhibited will not be judged again. Example: A student brings in a tractor for Fair and the following year the tractor returns but has a mounted corn picker on it - this is acceptable for judging the picker in the restored equipment class. Example that is not acceptable: A tractor is brought to the Fair and the following year it is brought back with lights added to it.
11. All projects must be clean and in a presentable condition, although they may have been used. **Tractors and equipment are to be restored.** Restored shall include but not limited to near new condition by appearance and mechanical ability. Show staff has the authority to determine if the project has been restored.
12. The project brought to the Fair must match the project listed on the entry form or it will not be shown.
13. Touch up paint is permitted; however, spray cans or air painting is NOT permitted.
14. **Students are not allowed to place advertisements on their projects.**
15. **No riders are allowed on Ag Mechanics projects at any time while on the Fairgrounds. This includes unload, show, parade and load out.**

**SPECIAL TRACTOR RULES**

16. Only one tractor per exhibitor may be entered in Class 2 - Restored Tractor by a first year tractor exhibitor. First year tractor exhibitors are NOT required to enter this class.
17. **NO DUALS ON TRACTORS!** Tractors with duals will be sent home or given the choice to remove the duals to stay.
18. If a project is double entered, the exhibitor needs to inform the committee which class the tractor will be exhibited in at the time of check-in. For example: If a First Year Exhibitor enters their project into both the Restored by a First Year Exhibitor Class and the 1959 & Later Class, they must tell the committee which class they will exhibit in at the time of check-in.
19. No mirrors may be placed to enhance the display of the tractor. Only mirrors for road use safety may be used on a project.

**DELIVERY TO FAIRGROUNDS**

20. Tractors will unload in the North parking lot. Please enter at Gate 2 off of University Avenue.
21. Projects are **not** to be delivered to the Ag Mechanics & Technology Show site prior to **12:00 Noon on Tuesday, August 7.** Projects will be accepted only from **12:00 Noon until 7:00 p.m. on Tuesday, August 7.** Any projects not brought to the Iowa State Fairgrounds during the specified times will not be judged and will not be awarded ribbons nor premium money. Early arrivals **MUST** be approved by the supervisor of exhibits **PRIOR** to arrival.
22. **All projects must check-in prior to unloading, except a tractor project that was unloaded in the North Lot. If unloaded in the North Lot, check-in in the FFA Foundation Building prior to parking your project.**
23. Exhibitor must provide his/her own labor in placing and removing his/her projects and are responsible for loading and unloading his/her projects. Exhibitors that bring projects which require a forklift to unload or load should make arrangements **PRIOR** to his/her arrival to the Fair by contacting

the supervisor of exhibits.

24. Some exhibits will be outside. The Iowa State Fair will not be responsible for loss or damage to projects exhibited. This rule applies before, during and after the Iowa State Fair. **Exhibitors may rope off their projects during the Fair.** Some items/projects may be moved by the show supervisors after they are checked-in by the exhibitor.
25. All projects must be on the Fairgrounds in its entirety for judging at the Iowa State Fair.

#### JUDGING

26. Judging will begin following the Exhibitor Meeting on Friday, August 10. A tractor parade will follow award ceremony on a route to be determined. The parade is optional and not required.
27. **Exhibitors are required to be present to demonstrate and answer questions about their projects to the judges. FFA exhibitors not present for judging, or making arrangements with the supervisor, will NOT be placed and no premium money will be paid.**
28. Exhibitors must wear their FFA State Fair t-shirt while their projects are being judged and for the Awards Program. Exhibitor numbers are **NOT** required as showmanship is not considered in the Ag Mechanics division.
29. Projects will be judged on the basis of workmanship, design, usefulness, appearance and safety. In addition, oral presentations by the exhibitor of each entry will be included in the scoring.
30. Restoration of tractors will be judged on: appearance, mechanical work, safety and documentation. Oral presentations by the exhibitor will be included in the judging.
31. Projects constructed that are deemed inappropriate by the show supervisor because of safety concerns or do not represent the FFA in a positive image will not be allowed to show. Safety violations will be identified by the safety judge. All entries in the Ag Mechanics & Technology Show shall meet safety standards and be safe to operate.
32. Recycled Materials and Safety Awards may be judged and determined without the interview of the exhibitor and be conducted by show staff. Award will be presented at the regular ribbon presentation by the student's project.
33. Results will be posted in the FFA Headquarters Building upon completion of awards ceremony/distribution.

#### AWARDS PROGRAM

34. Exhibitors are asked to be at the MidAmerican Energy Stage at 3:30 p.m. on Friday, August 10 for their results, plaques and ribbons. Unclaimed ribbons or awards will be left with the chapter's packet for the advisor to pick up.
35. Exhibitors must wear their FFA State Fair t-shirt for the Awards Ceremony.

#### PREMIUMS

36. A purple, blue, red or white ribbon will be awarded to each entry.
37. Premium money in each class will be pro-rated in purple, blue, red, and white award groups in the ratio of 6, 4, 3, 2, 1. Each exhibit in a placing group will be awarded the same amount. Premiums will be awarded to the top two exhibits that have been judged to have the best safety in this division: 1<sup>st</sup>, \$25 and 2<sup>nd</sup>, \$20.

#### RECLAIMING ENTRIES

38. All projects must remain until 7:00 p.m. on Sunday, August 19. Any project removed prior to the release time will forfeit premium money and the exhibitor will not be allowed to show the following year.
39. There will be an official check-out time at 7:00 p.m. on Sunday, August 19. You will receive a load out pass which allows your vehicle/trailer on the grounds at load out time (may not enter the grounds before 7:00 p.m. on Sunday). Admission will be charged at the gate until 9:00 p.m. on Sunday. There is an optional load out time on Monday, August 20 from 8:00 a.m. - 3:00 p.m.; however, there will not be assistance for loading projects (i.e. forklift). A load out pass is not needed for Monday and there is no admission fee.

#### CLASS LIST

**CLASS** (classes may be broken into groups)

- 1 Restored Tractors (restored tractors will be divided into two classes based upon age of tractor, **year will be determined by serial number**)
  - a. Class 1 - 1958 and prior
  - b. Class 2 - 1959 and later
- 2 Restored Tractor by a first year tractor exhibitor (class may be broken into two groups; this class is optional - not required by first year exhibitors)
- 3 Restored Tractor by a group of two or more members from the same chapter
- 4 Metal Working/Welding
  - a. Small (under 9 square feet of floor space)
  - b. Medium (9-30 square feet of floor space)
  - c. Large (more than 30 square feet of floor space)
- 5 Restored Farm Equipment
- 6 Garden Tractors
- 7 Woodworking
  - a. Indoor Item (items constructed and intended for indoor use, including fine furniture)
  - b. Outdoor Item (items constructed and intended for outdoor use, including patio furniture)

#### AG MECHANICS & TECHNOLOGY CHAPTER AWARD

THE SUPREME AG MECHANICS & TECHNOLOGY EXHIBITOR'S AWARD recognizes the cooperative efforts of a chapter. The premiums are awarded to the chapters with outstanding overall exhibits of Ag Mechanics & Technology. No entry form or entry fee will be required. The premiums are based on a point system. A committee will tabulate the results during the progress of the show.

Chapter Award - \$15 and Banner, \$10, 8, 6, 5, 4, 3, 2 to the top eight chapters; Ribbons, 2<sup>nd</sup> through 10<sup>th</sup> place

#### FFA AG MECHANICS & TECHNOLOGY SPECIALS

##### Special Awards

**Praxidyn** will provide one Innovation Award and scholarship to an exhibit that is creative, innovative and/or engineered well.

**Airgas** will award gift certificates for metal projects using recycled materials.

**Iowa Blacksmiths and Welders Association** will give awards to class Reserve Champion winners of metalworking projects.

**Hinshaw Trailer Sales** will provide and donate a trailer to the Grand Champion FFA Restored Tractor. Once an individual or a chapter in the case of a class project has won a trailer, they cannot win another. In the event the first place winner has already won a trailer, the prize will be awarded to second, third, and so on until a winner who has not received a trailer yet is identified respectfully. Trailer is a one year free lease, terms and conditions apply from the donor.

**Lincoln Electric Welding** will provide a welder to the top welding project. Once an exhibitor has won a welder, he/she is not eligible to win another.

***Trophies***

**Day Family**, Tipton, will sponsor trophies for the Champion and Reserve Champion Garden Tractor.

**Gilbert Tractor Club**, Gilbert, will sponsor trophies for the Champion and Reserve Champion Restored Tractor - 1958 and prior.

**May's Auto Body**, Osceola, will sponsor trophies for the Champion and Reserve Champion Group Restored Tractor.

**Kevin and Jill Miller**, Dixon, will sponsor trophies for the Champion and Reserve Champion Restored Farm Equipment.

**Panorama FFA Alumni**, Panorama, will sponsor trophies for the Champion and Reserve Champion Restored Tractor - 1959 and later.

**Rusty Acres Restoration**, Webster City, will sponsor a trophy for the Overall Grand Champion Restored Tractor.

**South Hamilton FFA**, Jewell, will sponsor trophies for the Champion and Reserve Champion Restored Tractor by a first year tractor exhibitor.