

Top of Texas Showdown Agriculture Mechanics Project Show 2022

TOP OF TEXAS SHOWDOWN

Ag Mechanics Handbook

Move in: Must be in place by 9:30am on Saturday May 14th

Judging- Projects: 10:00 am Saturday May 14th

Move out: No project may leave until completion of the Awards on May 14th.

Purpose of the Agriculture Mechanics Project Show

1. To provide an opportunity for 4-H and FFA members to display constructed projects.
2. To promote the development of skills in agricultural mechanics through competition.
3. To recognize individual and group accomplishments in the area of agricultural mechanics.
4. To provide an opportunity for public appreciation of this important phase of 4-H and FFA Youth Programs

Rules for Agriculture Mechanics Project Show

- 1. Eligible Entries:** Open to any FFA Chapter or 4-H Club. Projects exhibited must have been constructed by FFA and 4-H members under direct supervision of the CEA or AST. **Entries will be \$30 and these are due by May 4th.**
- 2. Maximum Entries:** Each exhibitor may enter only 2 projects total whether working with a team or individually.
- 3. Construction Date:** A project can be exhibited only one time at the Bi- County Show and must have been completed within the school year of the exhibition date.
- 4. Exhibit Space:** The Show reserves the right to display the projects as space and quantity of projects allow.
- 5. Project Presentation:** 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 once the project is in place. Operation of special features may be demonstrated only as directed by show officials and as space permits. When used, it must be limited to the floor area under individual projects. Electrical outlets may be provided upon request at check-in but are not guaranteed.
- 6. Documentation:** An original plan or drawing, a bill of materials and photographs showing all phases of construction are to be provided with projects. All documentation must be typed or presented in an electronic format. **NO DOCUMENTATION = NO SHOW**

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7. Signs: All projects are to be identified with a sign stating name or group, organization, and what the project is.

8. Judging Courtesy: Exhibitors are not to interfere with judging. They must be onsite, and will be called to the judging area as the judges deem fit. No projects may leave the barn until completion of the entire show. AST/CEAs or adult leaders are not to participate in judging activities.

9. Reclassification: The Ag Mechanics committee has the right to reclassify any project that they feel is entered in the wrong class. Each class must have a minimum of 5 entered projects arrive the day of the show or those projects will be assigned to another class that closest represents the project.

Judging System

Criteria.....	Points
a. Workmanship	25
b. Functionality	25
c. Design and Material Used	10
d. Presentation	10
e. General Appearance, Finish, and/or Preservation.....	10
f. Documentation and Presentation	10
g. Degree of Difficulty	10

Minimum Judging Criteria Expectations

a. Workmanship (25 points)

Projects should be the sole work of the exhibitor or team entering the project. Projects should be constructed in a neat and clean manner. Care should be taken so material is fit well, welds are of appropriate size and quantity, sharp edges and weld spatter are removed from material but grinding/sanding is not excessive, electrical connections are secure and neat, exposed wire is kept to a minimum, and material is joined in a manner that is aesthetically pleasing.

b. Functionality (25 points)

Projects should be constructed in such a manner they can function while at the time of show. Projects should be free from mechanical, hydraulic, or electrical malfunctions. Consideration will be given where space limits the ability to operate.

c. Design and Material Used (10 points)

Material used should be considered by each individual showman. The material should match the purpose and the function of the project. Students should be knowledgeable about any specifics, special, or unique material used during the construction of the project.

d. Presentation (10 points)

Students should be knowledgeable about the project they are presenting. They should be able to describe in detail, when requested, processes used in the construction of their project. Students

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should be able to answer questions pertaining to the end use, purpose, and functionality of the project they are presenting. Students should present projects in a professional and courteous manner.

e. Finish and/or Preservation (10 points)

Each project should be finished in an appropriate manner. Some projects, such as a fire pit, may have portions where no finish is appropriate. The applied finish should match the use of the project and applied in an accepted manner. Students should be involved in the finishing process as much as possible, and at minimum have knowledge of the application process.

f. Documentation (10 points)

Students will be evaluated on the presentation of their documentation. Documentation requirements are listed in the general rules above. Complete lack of documentation will result in a ribbon color deduction.

g. Difficulty (10 points)

Inherently some projects are more difficult than others. The difficulty of the projects will be evaluated by each set of judges based on the amount of fabrication, design engineering, and innovation within the given project.

SEE BACK FOR CLASSES

Project Show Divisions

If you have a project but can't find a class for it below contact John Atteberry and we will find a place for your students project. We want you to come participate. Email:

john.atteberry@hartleyisd.net Cell: 214-385-9753

I. Agriculture Machinery & Equipment

1-Shop Equipment

2-Equipment Accessories

(Truck, Tractor & Agricultural)

II. Livestock & Equipment

3- Livestock panels & Gates

4- Restraining Equipment

I. Bumper Pull Trailer

5- Small Utility (10' and Under)

6- Other Utility (11' and Over)

IV. Recreation

7- Bar-B-Que Pits (Towable & Non Towable)

8-Metal Furniture (Swing set, Picnic Table, Patio Table, Chairs etc.)

9- Other Projects (Wood and Metal, Restored or Repurposed Projects etc)

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