

# 2012 SAN ANGELO STOCK SHOW & RODEO

## AGRICULTURE MECHANICS PROJECT SHOW

John Kearney, Superintendent  
Parks Tucker, Assistant Superintendent  
Loree Branham, Assistant Superintendent  
James Coffee, Assistant Superintendent

Chris Juarez, Assistant Superintendent  
Michael Kissire, Assistant Superintendent  
Larry Garvin, Assistant Superintendent

Entry Fee: \$30.00 per project  
Entry Deadline: December 1, 2011 Postmark (Double fees Dec. 1- Dec. 15)  
Arrival & Classifying: 9:00 a.m. – 5:00 p.m., Tuesday, February 21, 2012  
**In Place: 6:00 p.m., Tuesday, February 21, 2012**  
**Judging: 9:00 a.m., Wednesday, February 22, 2012**  
Awards: 9:00 a.m., Thursday, February 23, 2012  
Begin Release: 10:00 a.m., Thursday, February 23, 2012  
Must Be Out By: 12:00 p.m. (Noon), Thursday, February, 23, 2012

1. **Entry fee:** Entries must be made on an official Ag Mechanics Entry form and signed by the AST/CEA overseeing the project. Exhibitors and projects must be listed on entry form at time of entry.

2. **Eligible Entries:** Entries must be the work of eligible exhibitors – limited to Texas FFA and 4-H members. Please refer to the General Rules and Junior Show Rules. There is no limit to the total number of projects a 4-H club or FFA Chapter may enter. The San Angelo Stock Show & Rodeo reserves the right to refuse any exhibit.

3. **Projects:** must be constructed by FFA & 4-H members. FFA projects must be constructed as a part of their agriculture mechanic instruction in agriculture science or as part of their supervised work experience program. 4-H projects must be constructed under the supervision of their County Extension Agent.

4. **Club/Chapter Entries:** Group entries must be made in the name of the FFA Chapter or 40H club. All group entries must include all the names of the exhibitors who participated in planning and construction of the project.

5. **Individual/Group:** Projects may be either individually or group constructed and owned.

6. **Exhibit Space:** Projects will be displayed in the Spur Arena by divisions and classes. Placement of projects will be at the discretion of stock show officials. Display space under shelter is not guaranteed. **Projects may be displayed at an alternate site if sufficient space is not available at the Spur Arena.**

7. **Construction Date:** A project may be exhibited only one time at the San Angelo Stock Show & Rodeo and must have been constructed within one calendar year of the exhibition date.

8. **Types of Projects:** Any project that does not fit into one of the stated classes will be disqualified. Projects may be subject to reclassification upon arrival. Projects **MUST** be classified in one of the following division and classes:

### Division: TRAILERS

#### Class

- |   |  |
|---|--|
| 100. Small bumper pull utility trailer – 14 ft. & under | 104. Implement trailers                    |
| 101. Large bumper pull utility trailer – over 14 ft.    | 105. Multi-bail trailers                   |
| 102. Bumper pull stock trailers                         | 106. Gooseneck Utility Trailers            |
| 103. Gooseneck stock trailers                           | 107. Other trailers (welder trailers, etc) |

### Division: AGRICULTURE MACHINERY & EQUIPMENT

#### Class

- |   |                                |
|---|--------------------------------|
| 200. Hay hauling equipment                  | 203. Hydraulic equipment       |
| 201. Spraying equipment                     | 204. Shop equipment            |
| 202. Mounted or pull-type tractor equipment | 205. Electrical shop equipment |

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## **Division: PICKUP AND TRUCK ACCESSORIES**

Class

300. Bumpers, headache racks, grill guards, etc.      302. Other  
301. Pickup or truck flat beds

## **Division: LIVESTOCK & WILDLIFE EQUIPMENT**

Class

400. Gate & livestock panel and restraining equipment      404. Electrical livestock or wildlife equipment  
402. Trim chutes, blocking stands, livestock crates      405. Bits, Spurs, Etc.  
403. Creep and self feeders (livestock or wildlife)      406. All other livestock or wildlife equipment

## **Division: HOME CONVENIENCE**

Class

500. Small Indoor Furniture/Furnishings      502. Outdoor Metal Furniture  
501. Large Indoor Furniture      503. Outdoor Wood Furniture

## **Division: OUTDOOR COOKING**

Class

600. Non-tow-able outdoor cooking (without lug bolts)  
601. Tow-able outdoor cooking (with lug bolts)

## **Division: TRACTOR RESTORATION**

Class

700. Models from 1960 and earlier  
701. Models from 1961-1990

## **Division: HORSE DRAWN EQUIPMENT RESTORATION**

Class

800. Transportation (stage coaches, buck boards, wagons, etc.)      801. Farm & Ranch Equipment (plows, mowing machines, combines, etc.)

**\*\*The restoration must have begun upon completion of the 2011 San Angelo show.**

**9. Classes with less than four entries are subject to being combined.**

**10. Vehicles:** No trucks, non-entered tractors or trailers are allowed in the exhibition area.

**11. Projects Requiring Offloading Assistance:** Projects that need to be lifted from the topside area to be fitted with lifting eyes at balance points that accommodate 1" shackles. Projects that cannot be safely unloaded will be shown at an alternate site.

**12. Safety:** All safety procedures must be adhered to when displaying projects but not limited to:

- A. Appropriate and safe display stands provided for gates, panels and other projects needing support.
- B. Sharp edges and points (as on feeder roofs, bale movers, etc.) must be padded or covered to prevent injury.
- C. All trailers and other equipment that is operated on or transported on public roads must be equipped with safety equipment as stated in the latest DOT publication. All three-point hitch and P.T.O. operated equipment is to meet ASAE standards and specifications.

**13. Project completeness:** All projects should be complete including finish. Projects are to be clean, free of dust and debris, and in a presentable condition even though they may have been used. Any item, necessary for use of the project must be a part of it (example: hinges and latches on gates and panels, etc.). Trailers and all other equipment are to be displayed in transport position. Ramps, extensions and operation of specific features may be demonstrated as directed by the official judges and as space allows. The project display area (including the floor under and around the project) should be neat. Floor covering will be limited to the area under the project.

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14. Welds: No structural welds are to be ground without penalty. Grinding is to be limited to welds that should be ground for functional reasons and/or welds that would normally be ground for cosmetic purposes. Examples: top rails on trailers, fender body outside tops, side latches, etc. may be ground, but frames, cross-members, tongues, filler pipe, etc. are not to be ground.



**15. Any equipment to travel on public highways must meet Federal DOT Standards. Current Federal DOT inspection stickers will be honored. Anything that does not have a current DOT inspection sticker will be subject to inspection by a TXDOT inspector.**

16. Exhibitor Presentation: Exhibitors should be dressed appropriately and be with their project when it is judged. Exhibitors should be courteous and helpful to those viewing their project including the public, show officials, and judges. Exhibitors should not interfere with or shield those exhibitors next to them. Exhibitors will be allowed cleaning or preparation supplies, limited to quantities that will fit in a common 5 gallon bucket, in the exhibition area.

17. Exhibitors must be present to present projects. Absence must be approved by committee.

18. Signs: All projects are to be identified. Information should include – Exhibitor(s) Name, Club/Chapter, and Project Description. Additional signs, banners, etc. must meet the approval of the committee members and can not extend beyond the project's display space.

19. Cleaning of projects will be limited to the use of spray bottles and towels.

20. Loss or Damage: Ever precaution will be taken to protect the projects entered; however, neither the San Angelo Stock Show and Rodeo nor the officials of this contest will be responsible for fire, theft, vandalism or destruction to the projects.

21. Judging System for first five divisions:

- a. Workmanship.....25 points
- b. Students' Knowledge of project.....25 points
- c. Design and Materials.....10 points
- d. Practicality.....10 points
- e. Degree of Difficulty.....10 points
- f. Finish.....10 points
- g. Plans, Bill of Materials, Photographs  
and if applicable, DOT standard for the project.....10 points

**TOTAL.....100 POINTS**

**Plans, Bill of Materials, Photographs:** Exhibitors should provide an original, exhibitor drawn plan, photographs showing stages of production, and a complete bill of materials.

**Student Knowledge:** Exhibitor(s) may be asked questions concerning, but not limited to project construction, design, use, operation, etc. Exhibitors may also be asked to demonstrate all or parts of the project's operation.

22. Judging System for Tractor Division:

- a. Mechanical.....50 points
- b. Aesthetics.....20 points
- c. Originality.....10 points
- d. Safety Equipment.....10 points
- e. Documentation.....10 points

**TOTAL.....100 POINTS**

**Mechanical** will include the restoration of engine, transmission, final drive, fuel system, cooling system, cranking or starting system, charging system, hydraulic system, steering system, etc.

**Aesthetics** will include the overall appearance of the tractor. This includes workmanship and finish. Items to be considered include, but are not limited to: metal preparation, completeness of sheet metal, paint and finish, detail and completeness of components such as wheels, tires, steering wheels, seats, decals, instrument panels, wiring harness, etc.

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**Originality** will include paint color, fasteners, electrical systems, fuel systems, exhaust systems, mechanical systems, original unaltered serial places, etc.

**Safety** equipment will include all equipment that was original to the tractor. It also includes the provision of drip pans containing floor absorbent to collect any liquids that may drip from the tractor during display. Fuel shutoff valves under all fuel tanks must be functional and tractors are to be exhibited with the valves closed. An ABC fire extinguisher with a minimum 2.5 pounds capacity must be provided with each tractor. Extra fuel may not be stored in the arena. Tractor engines are to be started and run only at the request of judges or show officials.

**Documentation** must be typed or computer generated and is to include a one page description of the overall restoration project, and expense report identifying all costs of restoration, photos showing before, during and after restoration that shows safe working environment, and a complete description of all mechanical work performed. All documentation is to be displayed in a three-binder, divided, and sequenced with a table of contents and page numbers. The National FFA Tractor Restoration Competition format and forms may be used.

23. **Showmanship:** Awards will be presented to schools/clubs and individuals selected as having presented the best public image by an independent judge. Judging will begin at unloading and continue until awards are given. There will be two categories: group and individual. Champion and Reserve Champion will be given in each category.

Considerations will be, but not limited to:

- a. Appropriate display and presentation of project
- b. Appropriate display of project plans, bill of materials and photographs
- c. Housekeeping around project
- d. Appropriate dress
- e. Conduct, attitude, and participation of students

24. **Sweepstakes:** Awarded to the FFA Chapter or 4-H Club that accumulates the most points based on number of entries with each placing and division Champions and Reserve Champions.

25. **Awards:** Blue, Red & White ribbons will be given for quality, Ribbons for 1<sup>st</sup>, 2<sup>nd</sup> and 3<sup>rd</sup> will also be given for each class from the BLUE RIBBON projects ONLY. 1<sup>st</sup> place winners will receive \$75.00; 2<sup>nd</sup> place \$50.00; 3<sup>rd</sup> \$25.00.

### PREMIUM CHECKS WILL BE MAILED FOLLOWING THE SHOW

26. The San Angelo Stock Show & Rodeo reserves the right to interpret the rules pertaining to the Agriculture Mechanics Projects Show.