

AG MECHANICS

Dept. AM

The purpose of the Barton County Fair Ag. Mechanics exhibits is to stimulate interest in agriculture and other areas. Students enrolled in Agricultural Education/FFA and adults engaged in mechanical projects are encouraged to participate. **Sponsored by Barton Co. Fair Assn.**

1. Project will be judged based on workmanship, quality, skills techniques, finish, and the project's ability to function.
2. The Barton County Fair and its members will not be responsible for loss or damage to projects exhibited.
3. All entries must have been constructed, repaired, and exhibited within the past two years. The project cannot have previously been exhibited at the Kansas State Fair or Barton County Fair. Painting/spot painting is not allowed on the fairgrounds.
4. Displays will be limited to Kansas residents.
5. Entries can be placed from 8-12a.m Wednesday. Participants must check in at the Expo I Office before unloading. If possible, exhibits will be housed inside if room exists based on size and available space. Otherwise, exhibits will be housed outdoors. Room should exist for smaller projects like those in Classes 100-104. Please prepare exhibits accordingly.
6. A write-up description (8 ½ x 11 page) should accommodate the larger projects like those in Classes 105-109 and should include a bill of materials (including all purchased items), a list of skills and safety features performed, and an entry card. It is suggested they be covered with plastic or a plastic sleeve. Pics are encouraged but are not required. Information revealing chapter, school, or individual (including county) should be included.
7. Class 105Y/105A; Welding and/or mechanical repair may include field tillage, planting, harvesting, or chemical application equipment; livestock and/or crops handling equipment or any other non-ag. repair project.
8. Team competition is described as an Ag.-FFA program.
9. A "team" will consist of 4 projects from classes 104-109. There is no limit to the number of projects a program/chapter or individual may enter.
10. A program/chapter sign is requested. Exhibitor signs displayed are recommended to be portable.
11. Teams will be given a final rank. Team premiums: 1st– 5th respectively: \$40, 35, 30, 25, and 20. Others beyond that will all receive \$20.

Class: 100Y, A Welding display board – a 2 x 2 or similar with welded piece of metal attached illustrating different types of electric arc, gas welding, or wire, each being labeled; ie., 6013/6011 differences; 7 different welds; amp setting differences, weld joints, etc.

Class: 101Y, A Smithing display board – a 2 x 2 or similar with pieces of forged metal attached illustrating different forms, each being labeled.

Class: 102Y, A Smithing – a design forged with at least one formed element (twists or spirals for example)

Class: 103Y, A Welding artistic fabrication – creation of artistic or interpretive pieces with welding

Class: 104Y, A Brazing repair or brazing fabrication

***For Classes 100-104.** A Division Champion and Reserve Champion in each Youth and Adult will be chosen. All classes above will be awarded a 1st, 2nd, and 3rd and will receive \$6, \$4, and \$2 respectively.

Class: 105Y, A Welding and/or mechanical repair – repair of ag. or non-ag equipment

Class: 106Y, A Small machinery, equipment, or project construction under \$100.00

Class: 107Y, A Medium machinery, equipment, or project construction, \$100-250.00

Class: 108Y, A Large machinery, equipment, or project construction, \$250 or more.

Class: 109Y, A Tractor repair or refinishing

***For Classes 105-109.** Each class will be awarded a 1st (\$15), 2nd (\$12), and 3rd (\$10) with all projects receiving Danish system ribbon. An overall ranking will be determined from the top five projects in both Youth and Adult with awards of 1st place-\$30 (Champion), 2nd place-\$25 (Reserve Champion), and 3rd place-\$20, 4th place-\$15, and 5th place-\$10. Overall rosettes would apply to those top five.

*** An overall Grand and Reserve Grand Champion rosette will be awarded the top two overall.**