
FFA

Only FFA members may enter exhibits in this department.

FFA Agricultural Mechanics

Check in, interviewing, and release of these exhibits will follow the Science, Engineering & Technology department entry schedule. The following exhibits are County Fair Only. Projects entered shall be the direct result of Agricultural Mechanics instruction in Ag-Ed and constructed primarily under the supervision of the Ag-Ed instructor. The student entering the project will have had at least 75% of the construction responsibility for the project. Each item will be NEATLY tagged using the official FFA Agricultural Mechanics entry card. The name of the article, classification, the student's name, age, and grade level at time of construction, name of school, and cost of construction shall be completed at the time of entry. All other tags and stickers (county level) should be removed. The superintendent shall make final determination of class for each entry. Household/industrial arts items are not eligible to exhibit, i.e. gun racks, desks, magazine racks, computer tables, etc. Items that appear to be craft items or industrial technology will not be permitted to show; show management has decision-making authority in this area. Small items receiving white ribbons may be removed if space is limited. Each student may exhibit only 2 items in each class. The power unit should be included on all power driven equipment during the judging, but must be adjusted so it will not function thereafter, for the safety of the public.

Construction - soundness of joints and attachments, correctness, neatness of cuts	40 points
Utility - functional design, ease of use, portability or storability	40 points
Workmanship - attention to detail and neatness; should not affect immediate function	20 points

If Agricultural Mechanic exhibits are entered at the fair, it is likely they will be displayed outside.

Premium: Purple \$10.00; Blue \$8.00; Red \$6.00; White \$4.00

UTILITY

To include items/tools used in or about the Ag Mechanics facility.

Class No.

5000 LARGE ITEMS - (wagons, trailers)

5010 MEDIUM ITEMS - (carts, welding tables, presses, engine hoists, engine stands)

5020 SMALL ITEMS - (splash blocks, tool boxes, foot scrapers, stools, car ramps, jack stands)

PRODUCTION

To include items/tools used in crop or livestock production.

Class No.

5100 LARGE ITEMS - (loading chute, bale carrier, hog carrier)

5110 MEDIUM ITEMS - (stock panels, sheep blocker)

5120 SMALL ITEMS - (post driver, post puller, troughs)

POWER

To include items/tools which incorporate an electric, hydraulic, and/or fuel motor as a power source to perform a function. (Equipment must be prepared for display in the power category.)

Class No.

5200 LARGE ITEMS - (large sprayers)

5210 MEDIUM ITEMS - (log splitter)

5220 SMALL ITEMS - (small sprayer)

HORTICULTURE

To include items/tools used around the lawn/garden for recreation or improvement purposes.

Class No.

5300 LARGE ITEMS - (grills, smokers, planters, mini-sprayers)

5310 MEDIUM ITEMS - (picnic tables, patio seats, patio table)

5320 SMALL ITEMS - (plant stands, planter boxes, signs)

REFURBISHING

Class No.

5400 LARGE REFURBISHING (tractors)

5410 MEDIUM REFURBISHING (lawn mowers, tillers, power garden items)

5420 SMALL REFURBISHING (antique farm tools)

A restoration of an item/tool which has current benefit to one of the previous categories. The following must accompany the project: a narrative describing the condition of the item/tool prior to the repair; steps taken to repair the item; a bill of materials which indicates costs; and attractively mounted pictures with appropriate captions.

FFA Welding Display Boards

Check in, interviewing, and release of these exhibits will follow the Science, Engineering & Technology department entry schedule. The following exhibits are County Fair Only. Each display board shall be 18"x24"x 3/8". Welding boards shall identify: 1) kind of weld; 2) position; 3) amperage; 4) electrode size; 5) AWS number; and 6) thickness or dimension of metal. Minimum of 8, and maximum of 10, welds per board. Welds shall be attached so all sides are available for evaluation. Judges will deduct points if welds are mounted solid. No specific welds are required; however, welds must differ from one another by at least position, electrode size, AWS number, thickness or dimension of metal, or kind of weld.

Premium: Purple \$4.00; Blue \$3.50; Red \$3.00; White \$2.50

Class No.

5500 ARC

5510 MIG/TIG**5520** Gas Welding/Brazing**5540** Electrical - Must include at least 1 switch, 2 types of splices, 1 light fixture or receptacle.**5550** PLUMBING - Must use 3 types of pipe, (copper, plastic & steel); soldering, flare fitting, glued joint, & a steel threaded joint are required.**5560** Advanced Electrical or Plumbing - contains controls, valves, timers, motors, etc.**FFA Grains**

Grain should be entered in a 4-quart plastic ice cream bucket with lid (or suitable substitute). Each sample of grain shall be 2 quarts. The green entry slip must accompany the entry. No grain shall be returned as this is a terminal show. Grain will be judged on the following factors: 1) Color; 2) Uniformity; 3) Purity (varietal, crops, weeds); 4) Inert Material (stems, chaff, dirt); 5) Soundness (cracked or broken kernels); 6) Insect Damage; 7) Condition (heat damage, sprouted kernels). Each exhibitor must have or had a crop project during the current or preceding year for the following eligible crops: Other approved crops, such as barley, rye, popcorn, and dry edible beans, are eligible for showing provided the crop was appropriately harvested in one of the above years. One entry per class.

Premium: Purple \$3.50; Blue \$3.00; Red \$2.50; White \$2.00

Class No.**6650** – Other, can only have one entry per student.**6480** – Shelled popcorn, can only have one entry per student.

Please note that stalks of corn will be shown without roots.

Class No.**7100** Oats, Current Year**7200** Winter Wheat, Current Year**7300** Grain Sorghum, Previous Fall**7350** Grain Sorghum (10 heads-10" sheath of Heads), Current Year, Wrapped or Tied**7400** Shelled Yellow Corn, Previous Fall**7401** Shelled White Corn, Previous Fall**7450** Ears of Corn, Yellow (10 ears), Current Year**7451** Ears of Corn, White (10 ears), Current Year**7475** Stalks of Corn, Yellow (3 Stalks- include washed roots), Current Year, No pots or buckets.**7476** Stalks of Corn, White (3 Stalks- include washed roots), Current Year, No pots or buckets.**7480** Shelled Popcorn, Previous Fall**7481** Ears of Popcorn, (10 ears), Current Year**7482** Stalks of Popcorn, (3 Stalks- include washed roots), Current Year, No pots or buckets.**7500** Soybeans, Previous Fall **7550** Soybeans Plants (6 stalks cut at ground level), Current Year, Wrapped or Tied**7600** Small Grains (Sheath of Heads 2" in diameter, 24" stems), Current Year**7625** Alfalfa sheath **7630** Alfalfa, One Slab of Bale**7635** Brome or Native Grass, One Slab of Bale**7650** Other, Wrapped or Tied**FFA Veterinary Science**

The following exhibits are County Fair Only. One (1) entry per exhibitor. Check in, interviewing, and release of these exhibits will follow the Science, Engineering & Technology department entry schedule. The purpose of the Veterinary Science exhibit is to inform the public about a common health problem of animals or a veterinary science principle. Do not confuse veterinary science exhibit topics with animal husbandry, history or production topics. A Veterinary Science exhibit may consist of a poster, notebook or a display. The exhibit may represent material from exhibitors enrolled in Animal Disease or Animal Health. If photographs are to be part of the exhibit, remember that they will be viewed by the public. Make sure that the photographs are in good taste and will not be offensive to anyone. Graphic photographs of excessive bleeding, trauma or painful procedures are not appropriate. For exhibits related to veterinary surgical procedures, aseptic techniques need to be shown, for example, use of drapes, use of sterile procedures, wearing of gloves, and other appropriate veterinary medical practices.

First-Aid Kits: Because of public safety concerns and risk of theft of first-aid kit contents (veterinary drugs/equipment) with perceived potential for drug abuse. NO ANIMAL FIRST AID KITS WILL BE PERMITTED. Animal first aid kits submitted will be immediately disqualified and not shown.

Veterinary Science Posters: This exhibit presents the viewer with a design that is simple and direct, unlike a display that usually presents more information. A poster should not exceed 22" x 28" and may be either vertical or horizontal.

Veterinary Science Displays: A display may include but is not limited to a 3-dimensional exhibit, a scale model, the actual product (for example: skeleton; teeth; samples of leather, fur, or dried skin damaged by disease or parasites) or a notebook. A display is not a poster. A display may be mounted on poster board not to exceed 22" x 28" or on 1/4" plywood or equivalent that does not exceed 24" high or 32" wide or in a three ring binder or another bound notebook format.

Appropriate Veterinary Science Topics:

- Maintaining health
- Specific disease information
- Photographic display of normal and abnormal characteristics of animals
- Animal health or safety
- Public health and safety
- Proper animal management to ensure food safety and quality
- Efficient and safe livestock working facilities
- Or a topic of the exhibitors choosing related to veterinary medicine or veterinary science.

- **REMEMBER** - Since these are science displays, all references and information needs to be properly cited. Proper sources include but are not limited to: professions journals and publications, professional AVMA accredited websites, interviews with veterinarians and excerpts from veterinary educational literature.

Premium: Purple \$3.50; Blue \$3.00; Red \$2.50; White \$2.00

Class No.

8100 VETERINARY SCIENCE LARGE ANIMAL POSTER OR DISPLAY

8200 VETERINARY SCIENCE SMALL ANIMAL/PET POSTER OR DISPLAY

FFA Floral Design

Check in, interviewing, and release of these exhibits will follow the Floriculture department entry schedule. One (1) entry per exhibitor. The following exhibits are County Fair Only. The materials may be purchased or grown by the exhibitor.

Premium: Purple \$3.50; Blue \$3.00; Red \$2.50; White \$2.00

Class No.

9200 Floral - fresh cut flowers/foilage in a bud vase

9201 Floral - fresh cut flowers/foilage

9202 Floral - dried flower/foilage

9203 Floral - artificial flowers/foilage

9204 Floral - live plants

9205 Floral - combination of above

9206 Boutonniere - (artificial) (in a see-through container)

9207 Corsage - (artificial) (in a see-through container)

9208 Boutonniere - (natural) (in a see-through container)

9209 Corsage - (natural) (in a see-through container)

9210 Wreaths - 12" or less (artificial)

9211 Wreaths - over 12" (artificial)

9212 Topiary

Theme artistic arrangements may be fresh, dried, or artificial or any combination thereof.

Class No.

9213 Go Big Red Arrangement

9214 Christmas Theme Arrangement

9215 Fall Theme Arrangement

9216 NE State Fair Theme Arrangement