

COUNTY FAIR UPDATES #2 - ANIMAL / STATIC



PRODUCTION LIVESTOCK CLASSES: LINCOLN-LOGAN-MCPHERSON COUNTIES

- MARKET BEEF - PRODUCTION BEEF**
- MARKET LAMBS – PRODUCTION SHEEP**
- MARKET GOATS – PRODUCTION GOAT**
- MARKET HOG – PRODUCTION SWINE**
- RABBIT – PRODUCTION MEAT PEN**
- POULTRY – PRODUCTION MARKET BROILER**

GENERAL RULES:

1. You may only enter 1 market animal per species in a production class.
2. Animal Age and Weights:
 - *Market steers must be a minimum weight of 1000 lb. Market heifers must be a minimum weight of 900 lbs. AGE: Born after January 1 of the current year.
 - *Hogs must be under one year of age and weigh a minimum of 230 lbs and not more than 320 lbs at the fair.
 - *Sheep must weigh a minimum of 100 lbs Age: Must have milk teeth and there shall be no evidence of breaking of the skin or eruption of the two permanent front teeth.
 - *Goats must weigh a minimum of 50 lbs Age: Must have milk teeth and there shall be no evidence of breaking of the skin or eruption of the two permanent front teeth.
 - *Rabbits should not be over 12 weeks of age and under 5 ½ lbs.
 - *Poultry must weigh a minimum of 4 lbs and have been purchased on same date from the same poultry supplier according to each county's policy.
3. The production champion per species will be the youth with the highest total score from the live show, rate of gain and record book. Placing will be based on how the animal gains.
4. Record books for the market animals will need to be turned in around the 1st of October. Each book will be judged with a maximum possible score of 25 points
5. The top gaining market animal will have its weight multiplied by a factor to total a score of 25 points. This factor will then be used to figure points for the remaining animals in the production class.
6. Showmanship will account for 10 points total. Purple 10 points, blue 9 points, red 8 points, white 7 points. Those not participating in showmanship will receive 0 points.
7. Production Champion for each part (the live show, rate of gain, record book, and showmanship) will receive 2 additional points with reserves receiving 1 additional point. Does not qualify without record book.
8. Prizes will vary by County.

RABBITS & POULTRY

Each exhibitor may only enter a total of 8 pens/entries.



*****NEW CLASS FOR POULTRY :**

Bred, Hatched and Fed

1. This division is designed to honor the fine quality of animals produced in the Lincoln, Logan and McPherson Counties on the exhibitor's own farm or ranch.
2. The exhibitor or exhibitor's immediate family (including Grandma/Grandpa) must own the brood hen, which is the mother of the egg at the time of conception, and that it was hatched and fed on the exhibitor's farm/place of 4-H project care.
3. An exhibitor is still only allowed 8 poultry pens with a maximum of 2 of each sex in a breed. If the animal qualifies for Bred and Fed it may show in either that category or a traditional breed class. The exhibitor can make the designation at the time of pre-entry.
4. Superintendents of the show reserve the right to combine classes if less than 3 animals are entered per class.
5. All poultry must be properly identified or will be dropped to an "All Other Breed" class.



PHOTOGRAPHY 2018 (Units II and III)

True Leader Exhibit:

Explore true leaders in your community. True leaders can be anyone from community leaders, teachers and volunteers to parents and friends. So, what sets them apart? What makes someone a true leader? What effect do they have on the people or environment around them? How can you tell their story through photography?

ENTOMOLOGY

Insect Poster/Display Exhibits –(Class VII) Exhibits can be posters or three-dimensional displays and artistic creativity is encouraged. Posters should be no larger than 22" x 28". They should be instructional and can be attractive and have pictures, drawings, charts or graphs. Posters and displays may show any aspect of insect life, habitat or related conservation or management. Examples include life history and other facts about an insect; insect anatomy; how to manage insects in a farm, home, lawn or garden setting; experiences rearing one kind of insect; survey of an important insect; insect behavior (ex. nesting, finding food, mobility, defenses, etc.); habitats (ex. forests, grasslands, wetlands, rivers or lakes) and what insects are found there, etc. Three-dimensional displays, such as dioramas, sculptures, models or decorative boxes should have a page of explanatory information accompanying them and fit within a 22" x 28" area.



Reports or Journals – (Class VIII) Reports and journals should be in a 3-ring binder. A report may be informational, that is, an original article about a favorite insect, a history of insect outbreaks, diseases caused by insects, insects as food, etc. Or, it may be a research report about an investigation or experiment done in a scientific manner. It then should have a basic introduction of the insect studied, methods used, observations and results of the project. Tables, graphs and images are helpful to include. A journal is an observational study over a period of time with personal impressions. It may cover watching changes of kinds of butterflies over the summer, rearing a specific insect from egg to adult, managing a bee hive, observations of insects in a specific habitat, accounts of insect behavior in a forest or flower garden, etc.

CAREERS (Science, Engineering, Technology - SET)

Careers Interview Interview someone who is working in any field associated with science, engineering and technology and research that career (i.e., computer programmer, architect, engineer, pilot, etc.) Interviews can either be written or in a multimedia format (CD/DVD). Written interviews should be in a notebook. Written reports should be 3-5 pages, double spaced, 12-point font, 1" margins. Multimedia reports should be between 3-5 minutes in length.

ALTERNATIVE/RENEWABLE ENERGIES



(Formerly POWER OF WIND)

Create and Compare Energy Resources Poster Poster resources. Compare and contrast the 2 resources including created, costs of production, usability of the energy, pros/cons of environmental impacts, etc. Posters can be any size up to 28" by 22".

Experiment Notebook Notebook will explore the scientific method involving alternative/renewable energy sources. Information required. 1) Hypotheses, 2) Research, 3) Experiment, 4) Measure, 5) Report or Redefine Hypothesis.

Solar as Energy Display Item should be the original design of the 4-Her. Include the item, or a picture if item is in excess of 6' tall or 2' x 2'. Include a notebook of why the item was designed and how it harnesses the power of water. Examples include solar ovens, solar panels, etc.

Water as Energy Display Item should be the original design of the 4-Her. Include a notebook of why the item was designed and how it harnesses the power of water.

Wind as Energy Display Item should be the original design of the 4-Her. Include the item, or a picture if item is in excess of 6' tall or 2' x 2'. Include a notebook of why the item was designed and how it harnesses the power of wind.

Other Nebraska Alternative Energy Notebook should explore Nebraska as an alternative energy source besides wind, water and solar power. Include information on type of power chosen, infrastructure for distribution, what resources are needed to create this alternative resource, cost of production and potential uses of bio-products.

WELDING

Plasma Cutter/Welder Design - Plasma cutters/welders allowed for detailed design(s) to butt cut into metal. 4Hers will create a notebook describing the design process to create the "artwork" to butt cut into the metal. This exhibit is not eligible for entry at the State Fair. In the notebook include:

- A photo (front and back) of the finished project. Also include detailed photographs of the project to allow judges to examine cuts.
- Instructions on how the design was created. This allows for replication of the project.
- Lessons learned or improvements to the project.