

D-340-009 Wildlife Essay

Learn how to share educational information by writing. Choose a conservation or wildlife topic that interests you and write an essay about it. For example, write about a particular species of wildlife that you have observed or about the values of wildlife. You might write about wildlife on a farm, in town, in a backyard, at a backyard feeder, or at other places. You might write about ethics, proper behavior in the outdoors, hunting, or fishing. The essay is between 100 and 1,000 words long and typed, double spaced on 8½ x 11 inches paper. You might use books, magazines, or personal interviews as resources, but you must give credit to all sources by listing them. Scoresheet SF161

D-340-010 Wildlife Values Scrapbook

Make a scrapbook about the various values of wildlife. This would include aesthetic, scientific, commercial, game, genetic, and/or ecological. One resource would be in the Wildlife Conservation project booklet. (4-H 125). Scoresheet SF162

D-340-011 Wildlife Arts

The purpose for this class is to allow artistic exhibits that contain educational information about conservation and wildlife. Examples might include paintings, photographs, wood carvings, painted duck decoys or songs or poems written by the exhibitor. Entries must be appropriate for fair display and no larger than 24 x 24 inches. For example, paintings or photographs should be displayed in notebook format or mounted on a sturdy display panel. All entries must include a title and brief explanation of the purpose or message (what is the exhibit meant to show). Scoresheet SF163

RULES: Classes 104 are board or poster exhibits. Display may show any aspect of wildlife, wildlife habitat, or related conservation. No domestic livestock, pets or insects allowed. For more information, refer to project booklets. Remember to look at General Rules for this area.

Division 342 – Wildlife Habitat

D-342-001 Houses

Make a house for wildlife. Examples: bird house (bluebird, purple martin, wood duck, kestrel, barn owl, etc.) or a bat house; no insect houses. Make the house functional so that dimensions, hole size, etc. are appropriate to fit the intended species' needs. Include the following information: 1) the kinds of animal(s) for which the house is intended; 2) where and how the house should be located for best use; 3) any seasonal maintenance needed; and 4) any evidence of your personal observations or experiences. Tips: check NebGuide on bird houses and shelves. Scoresheet SF165

D-342-002 Feeders/Waterers

Make a bird bath or feeder. Examples: seed, suet or nectar feeders. Squirrel feeder okay, no insect feeders. Include the following information: 1) the kinds of animal(s) for which the water/feeder is intended, 2) where or how the water/feeder should be located for best use, 3) any seasonal maintenance needed, and 4) any evidence of your personal observations or experiences. Tips: check NebGuide on feeding birds. Scoresheet SF166

D-342-003 Wildlife Habitat Design Board or Poster Exhibit

Choose a backyard, acreage, or farm, and design a habitat plan to meet the food, water, shelter, and space needs of at least three kinds of animals you would like to attract. Draw an outline of the area and show what plants or other habitat will be provided. Indicate how the various parts of your plan provide the desired habitat needs. You might include an aerial photo of the area if you have one. Scoresheet SF167

Division 343 – Harvesting Equipment

D-343-001 Fish Harvesting Equipment

Board exhibit. Display of equipment used in fish harvesting. Examples: fishing knots, hooks (with corks over ends for safety), lures. Label all items displayed. Include in your exhibit the following information: 1) purpose of each item; 2) when or where each item is used and 3) any personal experiences you've had with the item(s). Scoresheet SF168

D-343-002 Build A Fishing Rod

Rod building kits with instructions are available for this purpose. A fishing rod educational exhibit may not exceed 96 inches length. Exhibit must be mounted on a board. Include with the exhibit: 1) Explanation of cost of materials/components, 2) where materials/components were purchased, and 3) how many number of hours required for construction. Label all parts. Necessary components which must be included are grip, line guides, (based on manufacturers specifications), guide wraps, and hook keeper. Reel seat needs to be aligned with guides, and guides aligned accurately down rod. Guide wraps of size A to D, nylon or silk thread. Exhibit will be judged on: workmanship, labeling of parts, correct information, and neatness. Scoresheet SF169

D-343-003 Casting Target

Make a casting target for exhibit and use. Target must be under 48 x 48 inches. The bullseyes must be 2 feet, outer band must be 1 foot in diameter and can have up to 3 rings. The exhibit must be easy to store, durable, and weather resistant. Include the purpose and rules of using your casting target. Scoresheet SF170

D-343-004 Wildlife Harvesting Equipment Board Exhibit

Display of equipment used in harvesting wildlife. Examples: expended ammunition casings (no live ammunition permitted), steel traps, hide stretchers, fleshers, etc. For displays of shotguns, rifles, or bows, use drawings or pictures. Label all items displayed: the purpose of each item, when or where it is used, and any personal experiences you've had with the item(s). Scoresheet SF171

D-343-005 Inventing Wildlife/Fish Harvesting Equipment, Aid or Accessory

Use engineering principles to invent or adapt equipment that helps you harvest fish or wildlife. This could include wildlife calls, adapted fishing pole for shallow water, a blind, decoys, etc. Share your drawing (or adapted plans), how the equipment works, how you tested it, and the results of testing your prototype and any adjustments you made. Scoresheet SF168

Division 346 – Taxidermy**D-346-001 Tanned Hides**

Exhibits of a wild animal hide properly processed by the member. No requirement as to size or mounting but must meet the size requirement listed under General Rules. Include the animal's name and the following information: 1) the animal's name and 2) information about the exhibitor's personal field experiences, study or observations that relate to the exhibit. Scoresheet SF172

D-346-002 Taxidermy

Any legal fish, bird or other wild animal properly processed by the member. No requirement as to size or mounting but must meet the size requirement listed under General Rules. Include the animal's name and the information about the exhibitor's personal field experiences, study OR observations that relate to the exhibit. Scoresheet SF172

Division 347 – 4-H Shooting Sports

4-H Shooting Sports requires youth to be under the direct leadership of a certified 4-H Shooting Sports Leader in either shotgun, rifle (bb gun), archery, pistol, blackpowder/muzzleloader, and/or hunting skills. No firearms can be entered as an exhibit, nor live ammunition; however information can be shared through pictures. Remember to look at General Rules for this area.

D-347-001 Shooting Aid or Accessory - Any item which helps the shooter/hunter better perform their sport, examples: rifle sling, kneeling roll, arm guard, shotgun vest, target boxes, shooting stick, etc. Include your design, or plans you adapted, what the item is and used for. Scoresheet SF253

D-347-002 Storage Case - Any item with the purpose to safely hold a firearm, bow, ammunition, and/or arrows, examples: soft sided shotgun case, quivers, firearm safe. Include your design, or plans you adapted. Explain how the storage case is used. Scoresheet SF254

D-347-003 Practice Game or Activity - Invent or adapt an activity to practice or teach a project skill. Include pictures of youth playing the game, testimonials of 4-H members who played the game, what skill is being worked on, and directions for the game. Explain how you came up with the game or adapted it to fit the needs of your group members. Scoresheet SF255

D-347-004 Science, Engineering, Technology Advancements of Shooting Sports Essay or Display - Choose a specific area of shooting sports and share how it has advanced. Include a timeline and photos or illustrations. Keep your topic narrow and manageable. Essays are limited to 1000 words and should be on 8½ x 11 inch paper. Scoresheet SF256

D-347-005 Healthy Lifestyles Plan - Include a shooter's diet and exercise plan, and how the 4-H member will benefit or improve from following the plan. Ideally, the 4-H member would follow the plan and include some journal entries about adaptations or improvements made while following the plan. Scoresheet SF257

D-347-006 Citizenship/Leadership Project - Share a display on a citizenship project or leadership project the 4-H member took on individually or with a group to improve some aspect related the 4-H Shooting Sports. Examples could be range development, conservation planting to attract wildlife, a camp, 4-H recruitment event. Include who benefited from the project, what the 4-H member's role was, and any results. Scoresheet SF258

D-347-007 Career Development/College Essay, Interview or Display - Research opportunities for careers related to this area or opportunities for college majors or college activities to help discover using project skills beyond a person's 4-H career. Essays are limited to 1000 words and should be on 8½ x 11 inch paper. Interviews need to include a picture of the interviewee in their work setting, questions asked, and a transcript of answers. Scoresheet SF252

D-347-008 Community Vitality Display - Explore the difference shooting sports and hunting make in keeping Nebraska vibrant especially in rural areas. Present facts and research in an interesting way for the public to learn from. Scoresheet SF Scoresheet SF251

D-347-009 Ag Literacy-Value Added Agriculture Interview or Research Project - Explore how traditional ag producers are adding value to their production agriculture operations through conservation efforts, hunting, raising pheasants, shooting sports related tourism, etc. Present finding in an interesting way for the public to learn from. Scoresheet SF250

Division 361 – Other Natural Resources

D-361-001 Design Your Own Exhibit in Natural Resources, Conservation, Geology or Ecology

This class is for educational exhibits about natural resources, conservation, wildlife, or ecology that do not fit into other categories. Entries must be appropriate for fair display and no larger than 24 x 24 inches. All entries must include a title and should be clear (a brief explanation or other method) about the intended purpose or message - what the exhibit is meant to show. Think about accuracy, creativity, educational value for viewers, and evidence of exhibitor's personal experiences and learning. Scoresheet SF164

Division 341 - Outdoor Adventures

Level 2

D-341-001 Poster - Topics may include, but not limited to, one or more of the following: how to pitch a tent, knot tying, cooking over a campfire, how to start a campfire, wildlife and plants identified while camping, how to set up emergency shelter, dealing with weather, collection of photos from camping trips, "Leave No Trace" and how that was followed while camping, plan a camping trip, camping essentials, environmental issues/protecting natural resources, park or trail clean up, sanitation/hygiene while outdoors or use of GPS. Scoresheet SF281

D-341-002 Journal/Binder - Written report of virtual or actual camping/hiking trips with observations OR field journal (notes of actual experiences, sights, sounds, smells, etc.), OR camping or hiking trip diary. Explain growth in project, leading the hikes, planning the camping trip, now being able to identify the wildlife and nature around you and how identified (sight/sound/shape/smell/color). Feathers/leaf/flower pressings must be securely attached, if included. Photos of drawing of observations encouraged. Exhibits measure no larger than 16 x 16 inches. Scoresheet SF281

D-341-003 - Camping/Hiking Safety - Must include explanation of use of item and why selected/purpose, how it fits hiking/camping needs. May include, but are not limited to, one of the following: travel sized poisonous plants guide, camping first aid kit, weather/water safety or hand hygiene kit. Scoresheet SF281

D-341-004 - Digital Media - Use digital media to show video/slideshow/presentation of setting up a tent (include why site is chosen) or protecting natural resources or environmental issues or computer video camping/hiking game. Submit a USB drive or DVD inside a report cover or notebook. If using a slideshow, include printed slides inside report cover or notebook. Scoresheet SF281

D-341-005 - Other Camping Items - Must include what inspired the creation of the item, and its purpose. May include, but are not limited to, one of the following; nature art, nature haiku poem, spider web sketches or knot display. Scoresheet SF281

RULES:

See General Rules for more information.

- Board and Poster Exhibits: Mount all board exhibits on ¼ inch plywood, Masonite, or similar panel no larger than 24 inches high by 24 inches wide. Poster exhibits should be on regular poster sheets, no larger than standard size (22 x 28 inches) but half size, 22 x 14 inches, is recommended.
- Exhibits other than poster/display board should not exceed 48 x 48 inches and be able to be moved by two people.

Level 3

D-341-006 - Poster - Create a poster display, no larger than 22 x 28 inches. Topics may include but not limited to, one of the following: Topographic map, backpacking trip plan, camp layout, plan an expedition (can be dreamed or lived), collection of photos from your expedition, trails hiked, cost comparison of rental vs purchase or using GPS/compass. Scoresheet SF281

D-341-007 - Journal/Binder - Written report of actual, virtual or imagined expeditions/camping/hiking, OR field journal (notes of actual experiences, sights, sounds, smells, etc.). Explain growth in project, challenges in leading a group, teaching others about wildlife and nature identification and

“Leave No Trace.” Exhibits measure no larger than 16 x 16 inches. Scoresheet SF281

D-341-008 - Expedition Safety - Must include an explanation of use of items, why selected/purpose of item, how it meets hiking/camping/expedition needs. May include, but are not limited to, travel sized edible plants, creepy crawly guide, tent repair kit, travel first aid kit or weather/water safety. Scoresheet SF281

D-341-009 - Digital Media - Use digital media to show video/slideshow/presentation of one of the following, but not limited to, building a non-tent shelter (include why needed), packing your backpack/equipment and getting it onto you, teaching others about environmental issues or a computer video backpacking expedition game. Submit a USB drive or DVD inside a report cover or notebook. If using a slideshow, include printed slides inside report cover or notebook. Scoresheet SF281

D-341-010 - Other Expedition Items - Must include what inspired the creation of the item, and the purpose of the item. May include, but are not limited to, nature art, nature cinquain poem, backpacking food recipes, hiking/expedition conditioning plan, charcoal etching, dehydrated meal or snack (at least 1 cup displayed in a re-sealable plastic bag with ingredients, instructions, and nutritional facts included). Exhibits measure no larger than 18 x 24 inches. Scoresheet SF281

RULES:

See General Rules for more information.

- Board and Poster Exhibits: Mount all board exhibits on ¼ inch plywood, Masonite, or similar panel no larger than 24 inches high by 24 inches wide. Poster exhibits should be on regular poster sheets, no larger than standard size (22 x 28 inches) but half size, 22 x 14 inches, is recommended.
- Exhibits other than poster/display board should not exceed 48 x 48 inches and be able to be moved by two people.

DEPARTMENT E – LIFETIME SPORTS ACTIVITIES

Purple \$3.00, Blue \$3.00, Red \$2.50, White \$2.00

Division 904 – Shooting Sports/Firearms – BB Gun or Air Rifle

4-H members enrolled in the Shooting Sports 4-H program may enter the 4-H shooting competition. Eye protection is required for everyone on the firing line and in the on-deck area. Hearing protection is required in the small bore and trap shoot divisions. Contestants must have one coach (leader, instructor or parent) to assist and supervise them on the range. Contestants must furnish their own firearm and ammunition. All guns must arrive and depart the range cased and unloaded.

All rules, regulations and safety procedures concerning a shooting competition and shooting range must be followed by all participants, leaders, instructors and parents or a shooter may be disqualified from the competition. All participants names are required on the instructors certification listing the disciplines they have been instructed in. *Pre-registration for this contest will be required.* Contestants must have consistently demonstrated to the leaders in charge that they are physically capable of properly and safely handling the firearm or are willing to comply with safety rules.

Shooting Sports contestants may enter all areas in which they have received qualified instruction. Exception: May not enter both BB Gun and Air Rifle Divisions.

Clear Barrel Indicators will be required on all open breech firearms. Clear Barrel Indicators or CBI's are synthetic monofilament cords (0.065" - 0.095" dia...trimmer string) in fluorescent orange or a similar bright color that are inserted into the bores of air rifles so that the ends of the CBI protrude out of both the muzzle and open breech. CBI's must be inserted in all air rifles when they are brought to a range or removed from a gun case on a range. CBI's may be removed only during preparation periods, change-over periods, and firing times. The use of CBI's is mandatory in all Three-Position Air Rifle Competitions. To facilitate fair preparations, shooters must declare disciplines they wish to shoot, on a sheet provided to shooters, 2 weeks prior to the event to the Extension Office.

BB Gun Division

Only smooth bore guns will be allowed. E.G. Daisy Avanti 499 is allowed but the Crosman 1077 is not allowed even though it will shoot BBs. Ten (10) shots will be fired from 5 meters in the following positions - prone, standing, sitting and kneeling (fired in this order) - or a total of 40 shots. Each contestant will be allowed 10 minutes for record shots plus sighters per target. AR4/10 targets will be used. Contestants will fire one shot at each bull. No scopes allowed. To facilitate fair preparations, shooters must declare disciplines they wish to shoot, on a sheet provided to shooters, 2 weeks prior to the event to the Extension Office.

E-904-001 BB Gun Junior - 8-11 years old by January 1 of the current year.

E-904-002 BB Gun Intermediate - 12-13 years old by January 1 of the current year.

E-904-003 BB Gun Senior - 14 and over by January 1 of the current year.

Air Rifle Division (Sporter)

Ten (10) shots will be fired from 10 meters in prone, kneeling and standing positions for a total of 30 shots. Each contestant will be allowed 15 minutes for record shots plus sighters per target. Rifles are limited to sporter grade target rifles as defined in the national Standard Three-Position Air Rifle rulebook section 3. (Retail value of \$600 or less) which shoot .177 caliber only. (Must be lead flat-nosed pellets; no pointed, hollow-point, ballistic or steel tipped pellets or BB's.) Example: Daisy models 753, 853, 888. Scopes are not allowed. AR5/10 targets will be used. To facilitate fair preparations, shooters must declare disciplines they wish to shoot, on a sheet provided to shooters, 2 weeks prior to the event to the Extension Office.

E-904-004 Air Rifle Junior - 8-11 years old by January 1 of the current year.

E-904-005 Air Rifle Intermediate - 12-13 years old by January 1 of the current year.

E-904-006 Air Rifle Senior - 14 and over by January 1 of the current year.

Trap Shoot Division

Trap will shoot 50 shots. There will be two rounds of 25 with 5 per station. A ten shot shoot-off will break ties. Must wear eye and ear protection. To facilitate fair preparations, shooters must declare disciplines they wish to shoot, on a sheet provided to shooters, 2 weeks prior to the event to the Extension Office.

E-904-030 Trap Shoot Junior - 9-11 years old by January 1 of the current year.

E-904-007 Trap Shoot Intermediate - 12-13 years old by January 1 of the current year.

E-904-008 Trap Shoot Senior - 14 and over by January 1 of the current year.

Air Pistol Division

Pistols are limited to sporter air pistols as defined by the NRA International Pistol rule 3.1. Air pistol will have 40 shots with 5 shot per target on eight targets. Junior pistol shooters may shoot from a table or rest. And Intermediate may shoot with two hands. To facilitate fair preparations, shooters must declare disciplines they wish to shoot, on a sheet provided to shooters, 2 weeks prior to the event to the Extension Office.

E-904-009 Air Pistol Junior - 8-11 years old by January 1 of current year.

E-904-010 Air Pistol Intermediate - 12-13 years old by January 1 of current year.

E-904-011 Air Pistol Senior - 14 and over by January 1 of current year.

Small Bore (.22) Pistol Division

Small Bore Pistol will be held at a site to be determined, and if one is available. Youth must be 8 years old and accepted into the program. Rimfire pistol will be shot according to the NRA Precision Pistol rule book. Distance will be 10 yards with 30 record shots on a single spot target. All pistols will be either a revolver or semi-automatic pistol no longer than 10 inches. All normal rounds may be used. No stinger or ultra-high velocity rounds are acceptable. To facilitate contest preparation, shooters will be required to pre-register 2 weeks prior to the event on the form furnished by the Extension Office.

E-904-031 .22 Pistol Junior - 8-11 years old by January 1 of current year.

E-904-032 .22 Pistol Intermediate - 12-13 years old by January 1 of current year.

E-904-033 .22 Pistol Senior - 14 and over by January 1 of current year.

Muzzleloading

Muzzleloading (black powder) will be held at a site to be determined and if one is available. Youth must be 9 years old to be accepted into the program. Distance will be 25 yards on paper targets and silhouettes unless specified in match rules.

E-904-034 Muzzleloader Junior - 9-11 years old by January 1 of current year.

E-904-035 Muzzleloader Intermediate - 12-13 years old by January 1 of current year.

E-904-036 Muzzleloader Senior - 14 and over by January 1 of current year.

Hunting Skills

Hunting Skills will be held at a site to be determined and if one is available. Youth must be 9 years old to be accepted into the program. Hunting Skills will be shot according to NRA Muzzleloading rule book. More information will be shared during the program.

E-904-037 Hunting Skills Junior - 9-11 years old by January 1 of current year.

E-904-038 Hunting Skills Intermediate - 12-13 years old by January 1 of current year.

E-904-039 Hunting Skills Senior - 14 and over by January 1 of current year.

Archery Division

All archers will shoot a total of 30 arrows with six ends of 5 arrows each. Junior archers will compete at 10 yards, Intermediate and senior archers will compete at 20 yards. (Exceptions: In accordance with the state competition, intermediate basic bow archers will shoot from 10 yards). Male and female shooters will shoot in a combined class. Scoring will be on a single spot target or a five spot target. X's serve as tie breaker. Scoring will be done by groups of archers on scorecards and signed by the shooter prior to handling them into the scoring table. The maximum draw weight for any bow in 4-H archery is 60 pounds. Nocking points shall be snap-on type, shrink tubing, thread or dental floss tied or served on the string serving. All arrows shall be identical in length, weight, diameter, and fletching with allowance for wear. Color does not matter. Screw-in or glued arrow points shall be used. 4-H dress and shoes or boots is required. Archers are limited to two classes. To facilitate fair preparations, shooters must declare disciplines they wish to shoot, on a sheet provided to shooters, 2 weeks prior to the event to the Extension Office.

Basic Bow

E-904-012 Archery Junior - 8-11 years old by January 1 of the current year

E-904-013 Archery Intermediate - 12-13 years old by January 1 of the current year

E-904-014 Archery Senior - 14-18 years old by January 1 of the current year

Any bow, compound, recurve, or long bow that is shot with fingers, tabs or glove and without sights. Bows must be free of any sights, marks, or blemishes to aid in sighting. Stabilizers are permitted. No arrow rest may extend more than $\frac{1}{4}$ inch above arrow (Exception: In accordance with state competition, whisker biscuits will be allowed).

Freestyle Limited Recurve (formerly referred to as Olympic recurve)

E-904-015 Freestyle Limited Recurve Junior - 8-11 years old by January 1 of the current year

E-904-016 Freestyle Limited Recurve Intermediate - 12-13 years old by January 1 of the current year

E-904-017 Freestyle Limited Recurve Senior - 14-18 years old by January 1 of the current year

Competitors must use recurve or long bows shot with fingers, tabs, or gloves. Levels, string peeps, and electronics are not allowed. Stabilizers and counter balances are allowed. Arrow rest that extend more than $\frac{1}{4}$ inch above the arrow are not allowed. Any sights with no magnification may be used. Archers shall touch the arrow, when nocked, with the index finger against the nock, such as the three fingers below the arrow draw.

Freestyle Limited

E-904-018 Freestyle Limited Junior - 8-11 years old by January 1 of the current year

E-904-019 Freestyle Limited Intermediate - 12-13 years old by January 1 of the current year

E-904-020 Freestyle Limited Senior - 14-18 years old by January 1 of the current year

Any sights or scopes, any stabilizer, any rest, and release aids are limited to fingers, tabs, and gloves. NO mechanical releases allowed.

Freestyle

E-904-021 Freestyle Junior - 8-11 years old by January 1 of current year

E-904-022 Freestyle Intermediate - 12-13 years old by January 1 of current year

E-904-023 Freestyle Senior - 14-18 years old by January 1 of current year.

Any type of sight or scopes, any stabilizer, any rest, and any release aid may be used provided it is hand – operated.

Bow Hunter Freestyle

E-904-024 Bow Hunter Freestyle Junior - 8-11 years old by January 1 of the current year

E-904-025 Bow Hunter Freestyle Intermediate - 12-13 years old by January 1 of the current year

E-904-026 Bow Hunter Freestyle Senior - 14-18 years old by January 1 of the current year.

Same as Freestyle except stabilizers cannot exceed 12 inches from the face of the bow. Pin sights only may be used. Sights may not be adjusted after the first scoring arrow is shot.

Small Bore Rifle Division

Rifle competition will be held at a site to be determined, and if one is available. Youth must be 8 years of age and be accepted into the rimfire program to participate. Rimfire rifle division will be shot according to the NRA smallbore rifle rules with the following exceptions: distance will be 50 yards, standing position only, and the match will consist of 30 shots for record on a single spot target. All

firearms must be factory .22 rifles, no thumbhole stocks, adjustable butt stocks or cheek pieces.

No Stingers or other Ultra Velocity ammunition allowed. Guns and ammunition will be inspected prior to the match. To facilitate fair preparations, shooters must declare disciplines they wish to shoot, on a sheet provided to shooters, 2 weeks prior to the event to the Extension Office.

Class O Open Sight Rifles classes:

E-904-027 Open Sight Rifles - Junior 8-11 years old by Jan. 1 of the current year.

E-904-028 Open Sight Rifles - Intermediate 12-13 years old by January 1 of current year.

E-904-029 Open Sight Rifles - Senior 14 & over by January 1 of the current year.

E-904-930 Scoped Rifles - Junior 10-11 years old by January 1 of the current year.

E-904-931 Scoped Rifles - Intermediate 12-13 years old by January 1 of the current year.

E-904-932 Scoped Rifle - Senior 14 & over by January 1 of the current year.

Each contestant will be allowed 10 minutes for preparation and sighter shots. 15 minutes will be allowed for record shots. Rifles are limited to rimfire rifles. (Retail value of \$1000 or less) which shoot .22 caliber only. (Must be lead bullets; no hyper-velocity, hollow-point, ballistic or stingers).

DEPARTMENT E – SAFETY

Purple \$2.50, Blue \$2.50, Red \$2.00, White \$1.50

Division 440 – Safety

E-440-001 First-Aid Kit

A first aid kit is a good way to organize supplies in an emergency. The kit should be assembled in a container appropriate for the kit's intended use. A description of where the kit will be stored and examples of specific emergencies for that situation should be included in the exhibit. The kit should include a written inventory and purpose statement for included items. Items should cover the following areas: airway and breathing, bleeding control, burn treatment, infectious disease protection, fracture care and miscellaneous supplies. Use Citizen Safety manual, 4-H 425, page 6 & 7 for guidance.

Kits containing any of the following will be automatically disqualified:

1. Prescription medications (If the kit's purpose is to provide medication for someone with special needs, explain in the written description and inventory, but remove the medication.)
2. Materials with expiration dates on or before the State Fair judging date. (This includes sterile items, non-prescription medications, ointments, salves, etc. Articles dated month and year only are considered expired on the last day of that month.)
3. Any controlled substance. Scoresheet SF110

E-440-002 Disaster Kit (Emergency Preparedness)

Disaster Kits must contain the materials to prepare a person or family for emergency conditions caused by a natural or man-made incident. Selection of materials is left to the exhibitor. Family or group kits must have enough material or items for each person. A description of the kit's purpose, the number of people supported, and a list of contents is required. Youth are encouraged to test their kit by challenging their family to try to survive using only the included materials for the designated time. If tested, share that experience in kit documentation. Please include an explanation of drinking water needs for your disaster kit. Do not bring actual water to the fair in the kit. Scoresheet SF111.

E-440-003 Safety Scrapbook

The scrapbook must contain 15 news articles from print and/or internet sources about various incident types. Mount each clipping on a separate page accompanied by a description of events leading to the incident and any measures that might have prevented it. The scrapbook should be bound in a standard size hardcover binder or notebook for 8½ x 11 inches size paper. Correct sentence structure, readability, and thorough explanations are an important part of judging. Scoresheet SF292

E-440-004 Safety Experience

The exhibit should share a learning experience the youth had related to safety. Examples could be participating in a first aid or first responder training, a farm safety day camp, babysitting workshop or similar event; scientific experiment related to safety; or the youth's response to an emergency situation. The exhibit should include a detailed description of the experience, the youth's role, some evidence of the youth's leadership in the situation and a summary of the learning that took place. Exhibits may be presented in a poster with supplemental Rev. 12/19/2014 documentation, a notebook including up to ten pages of narrative and pictures, or a multimedia presentation on a CD lasting up to five minutes. Scoresheet SF190

E-440-005 Careers in Safety

The exhibit should identify a specific career area in the safety field and include education and certification requirements for available positions, salary information, demand for the field and a summary of the youth's interest in the field. Examples of careers include firefighters, paramedics, emergency management personnel, some military assignments, law enforcement officers, emergency

room medical personnel, fire investigator and more. It is recommended youth interview a professional in the field in their research. Additional research sources might include books, articles, career websites, job-related government websites or interviews with career placement or guidance counselors. Exhibits may be presented in a poster with supplemental documentation, a notebook including up to ten pages of narrative and pictures, or a multimedia presentation on a CD lasting up to five minutes. Scoresheet SF191

Purple \$2.50, Blue \$2.50, Red \$2.00, White \$1.50

Division 450 – Fire Safety

E-450-001 Fire Safety Poster

This is a home floor plan drawn to scale showing the primary and secondary escape routes and where fire extinguishers and smoke detectors are located. Draw every room: include all doors and windows. Use black or blue arrows showing primary escape routes from each room. Use red arrows showing secondary routes to use if the primary routes are blocked. Primary and secondary escape routes must lead outside to an assembly location. Documentation should include evidence the escape plan has been practiced at least four times. Posters must be constructed of commercial poster board at least 11 x 14 inches but not larger than 22 x 28 inches. Scoresheet SF269

E-450-002 Fire Safety Scrapbook

This scrapbook must contain 10 news articles from print and/or internet sources about fires to residential or commercial properties or landscapes. Mount each clipping on a separate page accompanied by a description of events leading to the incident and any measures that might have prevented it. The scrapbook should be bound in a standard size hard cover binder or notebook for 8½ x 11 inches size paper. Correct sentence structure, readability and thorough explanations are an important part of judging. Scoresheet SF270

E-450-003 Fire Prevention Poster

Posters should promote a fire prevention message and be appropriate to display during National Fire Prevention Week or to promote fire safety at specific times of the year (Halloween, 4th of July, etc.). Originality, clarity and artistic impression will all be judged. Do not include live fireworks, matches or other flammable/explosive/hazardous materials. Any entry containing this material will be disqualified. Poster must be constructed of commercial poster board at least 11 x 14 inches but not larger than 22 x 28 inches. Scoresheet SF268

Purple \$2.50, Blue \$2.50, Red \$2.00, White \$1.50

Division 902 – ATV & Bicycle Safety

All fair exhibits and posters should include the name, age, year, full address and county on the back side.

E-902-001 All Terrain Vehicles (ATV) Educational Display - An educational presentation on some aspect of the project. This exhibit may be presented in poster 14 x 22 inches or display form.

E-902-002 Cycling or Bicycle Educational Display - An educational presentation on some aspect of the project. This exhibit may be presented in poster 14 x 22 inches or display form.

DEPARTMENT G – AGRONOMY (CROPS & RANGE)

Purple \$2.50, Blue \$2.50, Red \$2.00, White \$1.50

Individuals in the Crop Production, Field Crops project may exhibit grain or plants to prepare an educational display representing their project.

The purpose of these exhibits is to demonstrate to the public the benefits from the study and application of crop, weed, range and soil sciences to solving problems in management, conservation, sustainability and environmental protection. For guidelines on specific projects, refer to appropriate project manuals.

Division 750 – FIELD CROPS:

Grain or Plant Exhibits - Classes 1-5:

- A. A completed Crop Production Worksheet (available at <https://cropwatch.unl.edu/Youth/Documents/Crop%20Production%20Project%20Worksheet%20Final.pdf>) must accompany grain and plant exhibit or it will automatically be deducted one ribbon placing. The worksheet must include the exhibitors name and address, county, plant hybrid or variety, plant population, whether crop production was irrigated or dryland, and general information including farm cropping history, soil type and weather effects. The worksheet also must include an economic analysis of the project, listing individual expenses and income, on a per acre basis. Other topics to discuss are the selection of variety or hybrid, impacts of tillage and conservation practices,

inputs (fuel, fertilizer, irrigation, labor, pesticides, etc.), any observations made during the growing season, and what you learned from your crops project. The worksheet counts as 50% of the total when judged.

- B. Worksheet must be the original work of the individual exhibitor or it will be deducted one ribbon placing. Attach the worksheet to the entry in a clear plastic cover such that it can be read without removing it from the cover. In addition to the worksheet, grain and plant exhibits will be judged on condition, appearance (i.e. disease and insect damage, grain fill), uniformity (size, shape, color, maturity), and quality of exhibit. Refer to Scoresheet SF264.
- C. Grain exhibits must be one gallon per sample. Grain exhibits harvested in the fall (e.g. corn or soybeans) may be from the previous year's project and brought in an appropriate sized box/ container for display. NEW: Place in clean containers so it can be viewed and display.
- D. Plant exhibits, with the exception of ears of corn, must be the result of the current year's project.
- Corn - 10 ears or 3 stalks (cut at ground level with no roots or soil and bound together);
 - Grain Sorghum - 4 stalks (cut at ground level and bound together);
 - Soybeans - 6 stalks (cut at ground level and bound together);
 - Small grains (oats, barley, wheat, triticale) - sheaf of heads 2 inches in diameter at top tie with stems about 24 inches long.
 - Other crops (alfalfa, millet, etc.) - sheaf of stems 3 inches in diameter at top tied with stems cut at ground level or half size small square bale.

G-750-001 Corn (includes yellow, white, pop, waxy, or any other type) Scoresheet SF264

G-750-002 Soybeans Scoresheet SF264

G-750-003 Oats Scoresheet SF264

G-750-004 Wheat Scoresheet SF264

G-750-005 Any other crop (includes grain sorghum, alfalfa, millets, barley, rye, triticale, amaranth, dry beans, sugar beet, mung bean, canola, forage sorghum, safflower, etc.) Scoresheet SF264

Division 750 – Displays - Classes 6-10:

- A. The purpose of the display is to tell an educational story to those that view the display. The display is a visual representation (pictures, charts, graphs) no larger than 28 inches wide by 28 inches tall on plywood or poster board. The display should be neatly titled. Make sure to label display with exhibitor's name, address, and county on back side. Explain pictures and graphs clearly and concisely. Consider creativity and neatness. Refer to Scoresheet SF259
- B. Each display must have a one page essay (minimum) explaining why the exhibitor chose the area of display and what they learned from their project. Include any references used. The essay should be in a clear plastic cover with the exhibitor's name outside. If a display does not have any essay, it will automatically be deducted one ribbon placing.

G-750-006 Crop Production Display - The purpose of this class is to allow original and creative exhibits that contain educational information about crop production aspects, such as crop scouting, alternative crops, pest management, etc. Scoresheet SF259

G-750-007 Crop Technology Display - Display information about aspects of technology used in crop production, such as genetic engineering, crop breeding, GPS, yield mapping, computers, etc. Scoresheet SF259

G-750-008 Crop End Use Display - Display information about the final product or end uses for a crop, such as food, feed, fuel or other products. (i.e. corn can be processed into livestock feed, ethanol, plastics, etc. or soybeans can be processed into bio-diesel, pet bedding, crayons, oil, etc.) Scoresheet SF259

G-750-009 Water or Soil Display - Display information about water or soils, such as how soils are being used for crop production, range, conservation, wildlife, or wetland use, or ways to protect or conserve water and soil resources. Scoresheet SF259

G-750-010 Career Interview Display - The purpose of this class is to allow youth to investigate a career in agronomy. Youth should interview one person that works with crops about such topics as what parts of their job do they enjoy or dislike, why did they choose that career, what was their education, etc. Include a picture of the person interviewed. Scoresheet SF259

Special Agronomy Project

- A. Youth experience a crop that is grown, was grown or has the potential to be grown in Nebraska by growing it, researching traits of that crop and determine viability of that crop in the part of the state they live.
- B. Each year seeds will be mailed to extension offices or ag ed classrooms across the state, as ordered by that location. Offices will distribute to youth on a first come - first serve basis. A

different seed will be selected every year. Youth will grow seeds in their garden or pots. Written resources materials will be available for youth, in addition to virtual, live or recorded videos/ field trips. Youth will be eligible to enter an exhibit at both the county and/or state fair in the agronomy project area.

G-750-011 Special Agronomy Project - Educational Exhibit - (SF259) - Educational exhibit based on what was learned from the project. Present information on a poster 14 x 22 inches either vertical or horizontal arrangement or in a clear plastic report cover. The 4-H member's name, age and county must be on the back of the poster or report cover. Each display must have a one-page essay (minimum) explaining why the exhibitor chose the area of display and what they learned from their project. Include any references used.

G-750-012 Special Agronomy Project - Video Presentation - 4-H exhibitor designs a multimedia presentation related to the crop. This could include narration of the growing process, presenting facts about the crop or any other innovative multimedia practices. The presentation should be at least 2 minutes in length and no more than 5 minutes in length, appropriate graphics, sound and either a video clip, animation or voice over and/or original video clip. Any of the following file formats will be accepted: mp4, .mov, .ppt, or .avi. For State Fair – email a link of the video to Superintendents by August 10th.

G-750-013 Special Agronomy Project (Freshly Harvested Crop) - Plant exhibits must be the result of the current year's project. Depending on the type of crop selected for the current year:

Corn - 10 ears or 3 stalks (cut at ground level with no roots or soil and bound together)

Grain Sorghum - 4 stalks (cut at ground level and bound together)

Soybeans - 6 stalks (cut at ground level and bound together)

Small grains (oats, barley, wheat, triticale) - sheaf of heads 2 inches in diameter at top tie with stems about 24 inches long.

Other crops (alfalfa, millet, etc.) - sheaf of stems 3 inches in diameter at top tied with stems cut at ground level.

Supporting documentation (½ to 1-page in length) should include the following:

Economic Analysis and/or research that supports feasibility of this crop in Nebraska or how the crop has evolved over time.

Other topics to discuss are past/current commercial production of this crop. This includes: the selection of variety or hybrid, impacts of tillage and conservation practices, inputs (fuel, fertilizer, irrigation, labor, pesticides, etc.), any observations made during the growing season about this crop and what you learned from your crops project. This ½ to 1-page summary counts as 50% of the total when judged. In addition to the summary, grain and plant exhibits will be judged on condition, appearance (i.e. disease and insect damage, grain fill), uniformity (size, shape, color, maturity), and quality of exhibit.

RULES:

The crop of the year for 2024 is Sugar Beets.

Division 751 – Weed Science

Purple \$2.50, Blue \$2.50, Red \$2.00, White \$1.50

Any individuals in the Conservation, Environment 1, 2 or 3, Range, Reading the Range 1 or Using Nebraska Range 2, or Crop Production, Field Crops projects may exhibit a weed book or weed display. At least 15 of the specimens must represent this year's work. For assistance identifying plants, participants can use the Nebraska Department of Agriculture's "Weeds of Nebraska and the Great Plains" (1994) or "Weeds of the Great Plains" (2003).

Division 751 – Books - Classes 1-2:

- A. Plants must be mounted on sheets that are no larger than 14 inches wide x 14 inches high. Proper plant mount should include root as well as stem and leaf tissue. Plants should be glued rather than taped and the mounts should be protected with a clear cover.
- B. Exhibits will be judged based on completeness of plant mount, accuracy of identification, label, neatness and conformity to exhibit requirements. Refer to Scoresheet SF261.
- C. Each completed mount must have the following information (see example below) in the lower right corner of the mounting sheet: 1. Scientific name (in italic or underlined), with authority, 2. Common name, 3. County of collection, 4. Collection date, 5. Collector's name, 6. Personal collection number, indicating the order that plants were collected in your personal collection. 7. Other information depending on class selected, i.e., noxious, life form. This information should be typed or printed neatly.