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**WELCOME TO
2022 MERRICK COUNTY FAIR
JULY 30, 31 AUGUST 1-3
4-H, FFA & OPEN CLASS EXHIBITS**

Merrick County Fairboard-308-940-0884

Merrick County Extension Office-308-946-3843

**YOUR MERRICK COUNTY AGRICULTURAL
AND FAIR ASSOCIATION**

Russ Kucera.....President
Isaac Jefferson.....Vice President
Troy Wells.....Secretary
Brad Wells.....Treasurer

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Sherry Siwinski, Office Aide

FAIR SUPERINTENDENTS

Tammy Stuhr – 4-H Division
Steve and Darla Belitz – Open Class Farm Produce
Theresa Lawrence and Eddra Ritta – Open Class Floral, Domestic & Education
Karen Knight-Kutschkau and Jean Waggoner – Open Class Needlework, Fine Arts & Misc.

2022 4-H LEADERS EXECUTIVE COUNCIL

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Emma Brandes, Jr. Leader Central Representative
Lane Mottl, Jr. Leader At-Large Representative

**RULES AND REGULATIONS
MERRICK COUNTY'S 69th
FREE FAIR**

1. Exhibits will get their entry card at each department where they wish to enter articles.
2. Open Class entries should be made **Sunday, July 31, 1:00 - 4:00 p.m.**
3. 4-H static exhibits will be entered on **Thursday, July 28, 1:00 p.m. - 5:00 p.m., Friday July 29, 8:00 a.m.-5:00 p.m., and Saturday, July 30, 8:00 a.m. - 12:00 p.m.**
Livestock exhibits will be entered Sunday, July 31
 - Youth poultry and rabbits must be in place by 10:00 a.m.
 - Youth hogs must be in place by 11:00 a.m.
 - Youth sheep and goats must be in place by 1:00 p.m.
 - Youth market beef must be in place by 2:30 p.m.
 - Youth breeding beef must be in place by 3:30 p.m.
 - Youth bucket calves must be in place by 4:00 p.m.
5. No ribbon will be given out until animals are properly checked-in with the superintendent of that area. Animals judged according to merit.
6. All livestock owners will have their pens cleaned by 8:00 a.m. each day and put pen cleanings in the designated area.
7. Exhibit building will be open Monday, Tuesday, and Wednesday from 8:00 a.m. - 9:00 p.m.
8. 4-H and Open Class exhibits will be released from 8:00 a.m. - 10:00 a.m. on Thursday. Premiums will be paid at that time for Open Class only.

IF YOU WANT SPACE - Either for exhibits or commercial booths, arrangements must be made at once! Even if you had a booth or exhibit last year, you must make a new reservation this year. Contact Russ Kucera 308-940-1013.

4-H AND FFA DEPARTMENT

- 1) It is the policy of the University of Nebraska - Lincoln, Institute of Agriculture and Natural Resources and Merrick County 4-H Council not to discriminate based on sex, age, handicap, race, color, religion, marital status, veteran status, national or ethnic origin or sexual orientation.
- 2) All exhibits are at the exhibitor's risk. The Merrick County Ag Society and Merrick County 4-H Council are not responsible for any damage, loss or death to an exhibit or animal.
- 3) If a project item or animal is shown at another county's fair as a 4-H or FFA project, it is **NOT** eligible for competition in Merrick County. It will be disqualified.
- 4) Judges will place awards based on merit. They will be instructed to use the group method similar to the plan followed by the Nebraska State Fair, whereby exhibits of nearly equal merit will receive equal ribbons. The judge's decision will be final in all classes. Awards will be given according to the rules and regulations set forth in this premium list.

Purple - Superior Blue - Excellent Red - Good White - Needs Improvement Orange- Flops Lime Green- Afterschool Project

- 5) **4-H AGE REGULATIONS** - The age regulations for Merrick County 4-H membership as determined by the Merrick County 4-H Executive Council shall be that a member must be 8 years of age on December 31st of the previous year (turn 9 during the current year) and the last year of eligibility is 4-H age 18 on December 31st (or the calendar year the member becomes 19).
- 6) FFA members may exhibit livestock until the age of 21. Enrollment must be confirmed with the FFA Advisor. Annual quality assurance training through Youth for the Quality Care of Animals (YQCA) must be completed online at yqca.org by July 11.
- 7) 4-H and FFA members show together in livestock, crops, and plant science. The total number of animals shown is indicated at the beginning of each species area. 4-H and FFA will follow the rules according to this fairbook.

CLOVER KIDS GUIDELINES: Clover Kids classes can be found on page 60.

- a) The 4-H Clover Kid Program is for youth between the ages 5 - 7 years old by January 1 of the current calendar year. 4-H Clover Kid exhibitors must be enrolled as a 4-H member by June 15.
- b) Clover Kid animal exhibits are to be no more than six months of age and no more than 350 pounds at time of show, with the exception of small animals (dog, cat, etc.) Age, size, and temperament of animal projects must be appropriate for the exhibitor's age and size. Clover Kids will only show in showmanship classes, no market or breeding classes. The horse project is not available for Clover Kids.
- c) Clover Kids may exhibit at the county fair and participate in 4-H contests receiving special ribbons with a premium of \$1.00. However, they will not be eligible for participation in the Livestock Sale, and will not be considered for any incentive, championship, trophy, medal, or plaque competition on an individual basis. They will be considered as part of a club competition in such activities as herdsmanship, performing arts or club contest.

ELIGIBILITY REQUIREMENTS FOR EXHIBITORS: An exhibitor must be a 4-H member enrolled in the project they are exhibiting.

- 8) All 4-H exhibits that do not conform to the specifications, rules and regulations set forth in this premium list will drop one ribbon placing.
- 9) Be sure to check the number of entries per project and entry number for each division. **All projects other than livestock have only one entry per class number.**
- 10) Premiums will be paid when the 4-H member submits a completed Achievement Application to the Extension Office **by October 1**. Premium money will be available at the year-end 4-H Achievement Celebration. If premium money is not picked up by December 1, monies will be turned back to the Merrick County Ag Society.
- 11) An * indicates an exhibit is eligible for State Fair. All items eligible for State Fair must receive a purple ribbon. The last year of eligibility is the calendar year the member becomes 19 years of age.
- 12) All exhibitors showing any animals are required to wear the required 4-H/FFA T-Shirt, black/blue jeans, and closed toe shoes. Hats, caps or other headgear are prohibited. Exhibitors in the horse show will wear a long white sleeve shirt or blouse, dark blue jeans, boots, hat and a 4-H armband. The 4-H armband may be purchased for \$3.00.
- 13) An exhibit or exhibitor must be at least purple ribbon quality before a rosette or award is awarded, and the judge must deem it worthy of the award.
- 14) Substance Abuse - Use or possession of tobacco, alcoholic beverages, or drugs (except for medical purposes) by any exhibitor who is participating in 4-H/FFA at the Merrick County Fair will result in immediate disqualification of that exhibitor's entry.
- 15) **PROTESTS**
 - a) The respective division superintendent has the authority to make appropriate decisions based on the Premium List, and these will be adhered to by all.
 - b) A committee shall be appointed to serve as a protest group. They will meet daily if needed to act upon concerns. All protests must be submitted in writing and signed. Written protests must be submitted to the Extension Educator. He/She will then convene the committee for their deliberation.
 - c) The written protest must include:
 - i) Names of persons involved.
 - ii) Nature of concerns.
 - iii) Situation and documentation.
 - iv) Recommendations for correction.
 - v) Specific action, rule, etc. in question.
 - vi) Additional persons committee may contact for further clarification. **(two Fairboard, two 4-H Council)**
 - vii) Procedures and/or steps carried out by person involved prior to submission to the Extension Educator.
 - d) The committee will review the written protest. They may discuss the situation with affected persons and show officials to include county fair management if appropriate, to make a final decision. The committee will recommend appropriate action to management in writing. The recommendations will be followed and communicated both verbally and in writing to the group or individual affected.
 - e) In case of protest the exhibitor may be allowed to show but results of showing will be subject to change based on the outcome of the protest process. This allows for smooth operation of the show and facilitates appropriate processing.
 - f) The management reserves the right to withhold premium and/or award. The exhibitor may also be excluded from the show if action warrants.
 - g) The appeals process is limited to the 4-H/FFA exhibitor, 4-H/FFA parent or registered 4-H volunteer leader.
 - h) Protests will not be accepted after the exhibit is released from the 4-H Division.

**4-H PRE-FAIR ACTIVITIES AND
2022 MERRICK COUNTY FAIR**

All dates, times, and contest/show formats are subject to change. Stay up to date on changes at merrick.unl.edu.

Feb. 10 (Thurs.)	6 p.m.	Junior Indoor Archery Contest - 4-H Building
Feb. 26 (Sat.)	1 p.m.-3 p.m.	Market Beef Weigh-in & Rate-of-Gain - Central City Veterinary Clinic
Feb. 17 (Thurs.)	6 p.m.	Intermediate & Senior Indoor Archery Contest - 4-H Building
April 4 (Mon.)	6:30 p.m.	Public Speaking & Presentation Contests - 4-H Building
April 23 (Sat.)	1 p.m.	Shotgun Contest - Sportsman's Club
May 6 (Fri.)	5 p.m.	ALL District/State Horse Entry Forms, ID's, and Levels Testing DUE to Extension Office
May 19 (Thurs.)	5 p.m.-7 p.m.	Market Sheep & Goat Weigh-in & Rate-of-Gain Contest - Indoor Arena
June 6 (Mon.)	5 p.m.-7 p.m.	Market Beef Weigh-in (<i>last one</i>) - Central City Veterinary Clinic
June 13 (Mon.)	5 p.m.-7 p.m.	Market Sheep & Goat Weigh-in (<i>last one</i>) - Indoor Arena
June 15 (Wed.)	5 p.m.	ALL 4-H and FFA Required County Animal ID's DUE to the Extension Office
		ALL 4-H and FFA State Fair Livestock DNA Envelopes DUE to the Extension Office
July 11 (Mon.)	5 p.m.	ALL 4-H and FFA Static, Animal, Clothing Pre-entries DUE to the Extension Office
		ALL 4-H and FFA YQCA training complete
		Vaccination records DUE for cats, dogs and ferrets
July 23 (Sat.)	10 a.m.	Ice Cream Roll Contest - 4-H Building
July 26 (Tue.)	8:00 a.m.	Clothing Construction & Fashion Show Judging - 4-H Building
	7:30 p.m.	4-H Night - 4-H Building
	7:30 p.m.	Performing Arts - 4-H Building
July 28 (Thurs.)	1 p.m.-5 p.m.	Static Check-in - 4-H Building
July 29 (Fri.)	8 a.m.-5 p.m.	Static Check-in - 4-H Building
July 30 (Sat.)	6:30 a.m.-4 p.m.	4-H Food Stand Open
	6 a.m.-7 a.m.	Horse Show Check-in - Indoor Arena
	7 a.m.	Horse Show - Indoor Arena
	8 a.m.-12 p.m.	Static Check-in - 4-H Building
July 31 (Sun.)	8 a.m.-8 p.m.	4-H Food Stand Open, 4-H Building closed for Judging
	8 a.m.-11 a.m.	Hog Weigh-in & Check-in - Hog Barn
	8 a.m.-10 a.m.	Poultry & Rabbit Check-in - Poultry and Rabbit Barn
	11 a.m.	Poultry & Rabbit Show - Indoor Arena
	11 a.m.-1 p.m.	Goat & Sheep Weigh-in & Check-in - Southside Livestock Barn
	1 p.m.-2:30 p.m.	Market Beef Weigh-in & Check-in - Northside Livestock Barn
	1 p.m.-4 p.m.	Open Class Exhibit Check-in - 4-H Building
	2:30-3:30 p.m.	Breeding Beef Check-in, DUE Beef Production Books - Northside Livestock Barn
	3:30-4 p.m.	Bucket Calf Check-in, DUE Clover Kids Record/Story - Northside Livestock Barn
	4 p.m.	Livestock Judging Contest - Indoor Arena
August 1 (Mon.)	7 a.m.-9 p.m.	4-H Food Stand Open, 4-H Building Open
	7:30 a.m.	Hog Show: 4-H Showmanship, Clover Kids, FFA Showmanship, Market, Breeding - Indoor Arena
	1:30 p.m.	Meat Goat Show: 4-H Showmanship, Clover Kids, FFA Showmanship, Market, Breeding
	3:00 p.m.	Sheep Show or immediately following Meat Goat Show: 4-H Showmanship, Clover Kids, FFA Showmanship, Market, Breeding - Indoor Arena
August 2 (Tue.)	7 a.m.-9 p.m.	4-H Food Stand Open, 4-H Building Open
	8 a.m.	Beef Show: 4-H Showmanship, FFA Showmanship, Clover Kids, Bucket Calves, Feeder Calves, Market, Breeding - Indoor Arena
August 3 (Wed.)	7 a.m.-9 p.m.	4-H Food Stand Open
	8 a.m.	Dog Show & Check-in - Annex Building
	10 a.m.	Bicycle Rodeo Contest - Airport
	11 a.m.	Dog Agility - Indoor Arena
	12 p.m.	County Kid's Pet Show Sponsored by Merrick County 4-H Jr. Leaders.
		Any child may bring any pet to show. Show will be held at the Annex Building. Please register pet 15 minutes prior to the show. Pets must be taken home immediately after.
	12:30 p.m.	Cat & Companion Animal Check-in - Indoor Arena
	1 p.m.	Cat & Companion Animal Show - Indoor Arena
	2 p.m.	4-H Overall Livestock Showman Contest - Indoor Arena
	5:45 p.m.	4-H & FFA Member Group Picture - Indoor Arena
	6 p.m.	Livestock Sale - Indoor Arena
	8 p.m.	Release ALL Static Exhibits - 4-H Building
August 4 (Thur.)	1 a.m.-10 a.m.	Release ALL Livestock
	6 a.m.-10 a.m.	Release ALL Poultry & Rabbit
	7 a.m.-8:30 a.m.	FREE EXHIBITOR & FAMILY BREAKFAST sponsored by CC Area Chamber of Commerce
	8 a.m.-10 a.m.	Release ALL Static Exhibits
	12 p.m.	Extension Office Closed - Fair Recovery
August 5 (Fri.)	8 a.m.-5 p.m.	Extension Office Closed - Fair Recovery

SUPERINTENDENTS

- Foods – Angela Blomstedt
- Sew for Fun, STEAM Clothing 1, 2, 3, Quilt Quest – Amy Greving & Nicole Greving
- Beyond the Needle, Knitting, Crochet, Weaving – Darcy Ray & Candice Muller
- Fashion Show – Kendra Jefferson & Jamie Wright
- Home Environment – Kelly & Doug McHargue
- Consumer & Family Sciences – Nikki Ferraro
- Clover Kids – Jr. Leaders
- SET, Ag & Earth Sciences – Beth Johnson
- Plant Science – Bailey Jefferson
- Horse – Russ & Carolyn Kucera
- Hog – Brian Jefferson & Isaac Jefferson
- Meat Goat & Sheep – Craig Nelson & Jon Root
- Beef – Kane Brandes & Ryan Kucera
- Poultry & Rabbits – Mollie Nielsen
- Herdsmanship – Dylan Ferris
- Overall Livestock Showman – Mikaela Stuart & Alex Stocker
- Cat & Companion Animal – Mollie Nielsen
- Dog – Kim & Travis Stuhmer
- Bicycle Rodeo – Jen Myers
- Livestock Judging Contest – Payden Woodruff, Darcy Ray & Jen Myers
- FFA – Juliana Kroger, Payden Woodruff, Jessica Brondel, Alex Stocker, Katie Hornung
- Shotgun – Craig Nelson & Aaron Heins
- Indoor Archery – Sara Umstead & Brian Thomas
- Outdoor Archery – Aaron Blanchard
- Air Pistol & Small Bore – TBD
- BB Gun & Rifle – TBD
- Hunting Skills – TBD

THANK YOU TO THE FOLLOWING BUSINESSES & INDIVIDUALS FOR SPONSORING 2022 AWARDS & INCENTIVES

- AKRS
- Bader & Sons' Feedyard
- Bank of Clarks
- Bill and Missy Hillmer Family
- Bill's Volume Sales
- Brandes Brothers
- Brian and Kendra Jefferson
- Central Car Wash
- Central City FFA
- Central City Mall
- Central City Scale
- Central True Value Hardware
- Charlie & Lois Schank Memorial
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- Citizens Bank & Trust Co.
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- Dennis Valentine
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- Dr. Jerome and Doris Gacke
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- Equitable Bank
- Eye Care Associates
- Farm Bureau Insurance - Shannon Hannappel
- Farm Credit Services of America
- Fontanelle - Glen Larson
- Four Seasons Ag, Inc.
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- Gavilon Grain
- Green Plains Renewable Energy Central City
- Greg & Karen Senkbile
- Grosshans, Inc.
- Hans Service LLC
- JAG Acres, Inc.
- Janovec Memorial
- Judi Samuelson Family In Memory of Dan Samuelson
- Justin & Hillary Ferris Family
- Linda Gilson Memorial
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- Merrick Medical
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- Miller Cattle Co.
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- Palmer Local Market
- Palser Service, Inc.
- Phillip & Amber Johnson
- Platte River Riders 4-H Club
- R.A.D. Shop
- Silver Creek Insurance Agency
- State Farm Insurance
- Stoltenberg Irrigation, Inc.
- Sullivan Agency
- Supernaw Law Office
- The Dentist
- Tom & Eve Reimers
- Trav's U-Save Pharmacy
- Vlcek Gardens, Inc
- Walts Aerial Spraying

PLANT SCIENCE

Superintendent Bailey Jefferson

HORTICULTURE

1. The purpose of Horticulture is to encourage participants to start and maintain vegetable gardens. In addition, 4-H'ers can participate in planting, growing, and caring for flowers. There is also a special gardening project in this category that 4-H'ers can participate in.
2. The cultivar or variety name must be included on all entry cards. Failure to identify the cultivar or variety will drop the entry one ribbon placing. Proper identification is the responsibility of the exhibitor, not the Extension staff or office personnel. Exhibits entered under an incorrect class number or containing an incorrect number of vegetables will be dropped one ribbon placing. In classes 252, 255, 268, 269, 285 and 286 do not duplicate entries from any other classes. For example: 4-H'ers with two cultivars or varieties of red tomatoes can only enter the red tomatoes class and cannot enter the other cultivar or variety in any other vegetable class.

4-Her Name: **Joe Exhibitor**

4-H Age: **10**

Class #: **G-773-201 Lima Bean**

Variety name: ***King of the Garden Pole Lima Bean***

Cultivar: ***Phaseolus vulgaris***

3. Follow the guidelines in "Selecting and Preparing Vegetables, Herbs and Fruits for Exhibit" available at the extension office or Free Download - <https://go.unl.edu/4hproduce> when preparing entries for the fair.
4. Only fresh vegetables and fruits grown during the current season will be accepted for exhibit. NO CANNED OR DRIED VEGETABLES OR FRUITS WILL BE ACCEPTED (with the exception of dry beans).

INDIVIDUAL GARDEN VEGETABLES AND FRUITS - one entry per class number. Do Not Duplicate entries.

PREMIUM: Purple \$2.00; Blue \$1.50; Red \$1.00; White \$.50

<u>Class</u>	<u>Vegetable</u>	<u># to exhibit</u>	<u>Class</u>	<u>Vegetable</u>	<u># to exhibit</u>
<u>*G-773-201.</u>	Lima Beans	12	<u>*G-773-202.</u>	Snap Beans	12
<u>*G-773-203.</u>	Wax Beans	12	<u>*G-773-204.</u>	Beets	5
<u>*G-773-205.</u>	Broccoli	2	<u>*G-773-206.</u>	Brussels Sprouts	12
<u>*G-773-207.</u>	Green Cabbage	2	<u>*G-773-208.</u>	Red Cabbage	2
<u>*G-773-209.</u>	Carrots	5	<u>*G-773-210.</u>	Cauliflower	2
<u>*G-773-211.</u>	Slicing Cucumbers	2	<u>*G-773-212.</u>	Pickling Cucumbers	5
<u>*G-773-213.</u>	Eggplant	2	<u>*G-773-214.</u>	Kohlrabi	5
<u>*G-773-215.</u>	Muskmelon/Cantaloupe	2	<u>*G-773-216.</u>	Okra	5
<u>*G-773-217.</u>	Yellow Onions	5	<u>*G-773-218.</u>	Red Onions	5
<u>*G-773-219.</u>	White Onions	5	<u>*G-773-220.</u>	Parsnips	5
<u>*G-773-221.</u>	Bell Peppers	5	<u>*G-773-222.</u>	Sweet (Non-Bell) Peppers	5

<u>*G-773-223.</u>	Jalapeño Peppers	5	<u>*G-773-224.</u>	Hot (Non-Jalapeño) Peppers	5
<u>*G-773-225.</u>	White Potatoes	5	<u>*G-773-226.</u>	Red Potatoes	5
<u>*G-773-227.</u>	Russet Potatoes	5	<u>*G-773-228.</u>	Other Potatoes	5
<u>*G-773-229.</u>	Pumpkin	2	<u>*G-773-230.</u>	Miniature Pumpkins(Jack Be Little type)	5
<u>*G-773-231.</u>	Radish	5	<u>*G-773-232.</u>	Rhubarb	5
<u>*G-773-233.</u>	Rutabaga	2	<u>*G-773-234.</u>	Green Summer Squash	2
<u>*G-773-235.</u>	Yellow Summer Squash	2	<u>*G-773-236.</u>	White Summer Squash	2
<u>*G-773-237.</u>	Acorn Squash	2	<u>*G-773-238.</u>	Butternut Squash	2
<u>*G-773-239.</u>	Buttercup Squash	2	<u>*G-773-240.</u>	Other Winter Squash	2
<u>*G-773-241.</u>	Sweet Corn (in husks)	5	<u>*G-773-242.</u>	Swiss Chard	5
<u>*G-773-243.</u>	Red Tomatoes (2"+ diameter)	5	<u>*G-773-244.</u>	Roma or Sauce-type Tomatoes	5
<u>*G-773-245.</u>	Salad Tomatoes (under 2" dia.)	12	<u>*G-773-246.</u>	Yellow Tomatoes (2"+ diameter)	5
<u>*G-773-247.</u>	Turnips	5	<u>*G-773-248.</u>	Watermelon	2
<u>*G-773-249.</u>	Dry Edible Beans	1 pint	<u>*G-773-250.</u>	Gourds, mixed types	5
<u>*G-773-251.</u>	Gourds, single variety	5			
<u>*G-773-252.</u>	Any other vegetable 2, 5 or 12 (do not duplicate entries in classes 201-251) that doesn't fit in any other class.				

PREMIUM: Purple \$2.50; Blue \$2.00; Red \$1.50; White \$1.00

*G-773-255. 4-H Vegetable Garden Collection of Five (5) kinds of vegetables. Display Garden Collection in a box not more than 24" in any dimension. Showmanship will be considered in judging, but plastic grass, cotton, figurines, etc. should not be used in exhibit boxes. Each vegetable in the collection should be exhibited with the number specified in individual classes. Do not duplicate entries in classes 1-59 with any in the group collection.

*G-773-256. 4-H Cultivar Vegetable Collection - vegetables entered in the collection are 5 cultivars from a single exhibit; for example 5 cultivars of all types of peppers, squash, onions, tomatoes, etc. Display in a box not more than 24" in any dimension. Showmanship will be considered in judging; but plastic grass, cotton figurines, etc. should not be used in exhibit boxes. Each vegetable in the collection should be exhibited with the number specified for individual class.

HERBS AND FRUITS- one entry per class number.

- Herbs will be judged using the same general criteria used for vegetables. Those grown mainly for their seeds, such as dill and caraway should be exhibited on a plate. Those grown for their leaves, such as basil, parsley, etc. should be exhibited in a glass container of water. Potted herb plants will be disqualified and will not be judged.
- Fruits will be judged using the same general criteria used for vegetables. Fruit will be judged for the stage of maturity normal for that season and growing location. Emphasis will be placed on how well fruit approaches market quality.

PREMIUM: Purple \$2.00; Blue \$1.50; Red \$1.00; White \$.50

<u>Class</u>	<u>Herb</u>	<u># to Exhibit</u>	<u>Class</u>	<u>Herb</u>	<u># to Exhibit</u>
<u>*G-773-260.</u>	Basil	5	<u>*G-773-261.</u>	Dill (dry)	5
<u>*G-773-262.</u>	Garlic (bulbs)	5	<u>*G-773-263.</u>	Mint	5
<u>*G-773-264.</u>	Oregano	5	<u>*G-773-265.</u>	Parsley	5
<u>*G-773-266.</u>	Sage	5	<u>*G-773-267.</u>	Thyme	5
<u>*G-773-268.</u>	Any other herb 5 (do not duplicate entries in classes 260-267)				

*G-773-269. 4-H Herb Garden Display of 5 different herbs. Displayed in a box or other holder not more than 18" in any dimension. Each herb in the collection should be exhibited with the number specified for classes 260-268. Do not duplicate entries in classes 260-268 with any in the group collection.

<u>Class</u>	<u>Fruit</u>	<u># to Exhibit</u>	<u>Class</u>	<u>Fruit</u>	<u># to Exhibit</u>
<u>*G-773-280.</u>	Strawberries (everbearers)	1 pint	<u>*G-773-281.</u>	Grapes	2 bunches
<u>*G-773-282.</u>	Apples	5	<u>*G-773-283.</u>	Pears	5
<u>*G-773-284.</u>	Wild Plums	1 pint			
<u>*G-773-285.</u>	Other small fruit or berries, 1 pint (do not duplicate entries in classes 280-284)				
<u>*G-773-286.</u>	Other fruits OR nuts, 5 (do not duplicate entries in classes 280-284)				

PREMIUM: Purple \$2.50; Blue \$2.00; Red \$1.50; White \$1.00

EDUCATIONAL EXHIBITS- one entry per class number.

*G-773-290. Garden Promotion Poster - individual poster promoting vegetable or herb gardening, size 14" x 22" either vertical or horizontal arrangement. Poster may be in any medium so long as it is not 3-dimensional. Posters using copyrighted material will not be accepted. The 4-H member's name, age, full address, county, and years in the project(s) must be on the back of the poster.

*G-773-291. Educational Vegetable or Herb Garden Poster - prepare a poster no larger than 14" x 22" x 2" (3-dimensional if needed) either vertical or horizontal arrangement illustrating a skill or project the 4-Her has done or learned about in a 4-H vegetable gardening project. One might show a special technique used or equipment incorporated in your garden (e.g. drip irrigation system, composting, or special techniques learned) Refer to 4-H horticulture project manuals, but use your own creativity. The 4-H member's name, age, full address, county, and years in the project(s) must be on the back of the poster.

*G-773-292. Vegetable and/or Herb Gardening History Interview - Neatly handwritten or typed account of a gardening history interview of someone whose vegetable or herb garden has inspired you. Maximum of 4 pages of text and 2 pages of pictures (include 1 picture of the person you interviewed) of their garden (flower and/or vegetables) if the individual is still gardening. Protect with a clear report cover. The 4-H member's name, age, full address, county, and years in the project(s) must be on the back of the report.

*G-773-293. Vegetable Seed Display - each display must include seeds representing the following families: Cucurbit, Brassica (cabbage), Solanaceous (nightshade), and Legume (pea) families plus representatives from 5 other families. Group the seeds by family and type. Glue seeds or otherwise fasten clear containers of seeds to a board or poster mat board no larger than 22" x 24". Label each group and each individual vegetable type with the common and scientific names. Use only one variety or cultivar of each vegetable, except for beans where several

examples of beans may be shown. Attach a card to the back of the display explaining why and how it is important to know which vegetables are related, and site references on where the scientific name information was found. The 4-H members name must be on the back of the display.

***G-773-294.** World of Vegetables Notebook - Choose a favorite foreign cuisine and learn what vegetables and/or herbs are common to it (e.g. Mexican, African, Chinese, Italian, etc.). Include a handwritten report telling about a minimum of 5 vegetables and/or herbs from each country chosen. Include the scientific and common names, pictures of the plants from your garden or seed catalogs, tell how they are grown, and how the foods are used. Also list a source for buying the seed or plants. Favorite recipes using some or all of the vegetables described may be included. Give proper credit by listing the source of pictures and information used. Protect in a clear report cover or small 3-ring notebook. The 4-Hers name must be on the back.

G-773-296. Landscaping article - landscaping rock, steppingstone, etc.

FLORICULTURE- one entry per class number. (do not duplicate entries)

1. Youth must be enrolled in World of Flowers and/or Annual Flowers projects to exhibit a maximum of four (4) entries per person. Entries must be the work of the 4-H member.
2. The cultivar or variety name must be included on all entry cards. If potted container with several cultivar or varieties identify each individually within the pot. Failure to identify the cultivar or variety will drop the entry one ribbon placing. **Proper identification is the responsibility of the exhibitor, not the Extension staff or office personnel.**

4-Her Name: Jane Exhibitor	4-H Age: 12
Class #: G-770-40 Rose	
Variety name: Hybrid Tea Rose-Amber Queen	Cultivar: Rosa

3. Exhibits entered under an incorrect class number or containing an incorrect number of stems will be dropped one ribbon placing. A perennial is defined as a plant of which the crown over winters. An annual is a plant that grows from seed each season, whether self-seeded or planted by the gardener. A biennial is a plant that germinates, grows and over winters as a crown, blooms the following year and dies. Foliage will be considered when exhibit is judged.
4. All 3 or 5 stems of cut flowers should be the same cultivar and color; do not mix cultivars and colors. Containers will not be judged; however, they should be clear glass containers that won't tip over and of adequate size to display blooms. An exhibitor may enter a maximum of 6 different classes. Only one entry per person per class. Use plain jars or bottle for cut flower entries.
5. Follow the guidelines in 4-H "Preparing Cut Flowers for Exhibits" 4H227 (revised 2016) available at the extension office or Free Download - <https://go.unl.edu/4hflowers> when preparing entries for the fair.

PREMIUM: Purple \$2.00; Blue \$1.50; Red \$1.00; White \$.50

Cut Flower - Annuals & Biennials - five (5) stems of a single variety (cultivar) unless otherwise noted in parenthesis.

*G-770-001. Aster	*G-770-002. Bachelor Buttons	*G-770-003. Bells of Ireland
*G-770-004. Browallia	*G-770-005. Calendula	*G-770-006. Celosia (crested or plume) (3 stems)
*G-770-007. Cosmos	*G-770-008. Dahlia	*G-770-009. Dianthus
*G-770-010. Foxglove	*G-770-011. Gladiolus (3 stems)	*G-770-012. Gomphrena
*G-770-013. Hollyhock (3 stems)	*G-770-014. Marigold	*G-770-015. Pansy
*G-770-016. Petunia	*G-770-017. Salvia	*G-770-018. Snapdragon
*G-770-019. Stalice	*G-770-020. Sunflower (under 3" diameter -5 stems, 3" or more in diameter -3 stems)	
*G-770-021. Vinca	*G-770-022. Zinnia	

***G-770-023.** Any other annual or biennial (under 3" diameter -5 stems, 3" or more in diameter -3 stems) (do not duplicate entries in classes 1-22)

Cut Flower - Perennials - 5 stems of a single variety (cultivar) unless otherwise noted in parenthesis.

*G-770-030. Achillea/Yarrow	*G-770-031. Chrysanthemum	*G-770-032. Coneflower
*G-770-033. Coreopsis	*G-770-034. Daisy	*G-770-035. Gaillardia
*G-770-036. Helianthus	*G-770-037. Hydrangea	*G-770-038. Liatris(3 stems)
*G-770-039. Lilies (3 stems) (Not Daylilies)	*G-770-040. Platycodon	*G-770-041. Rose (3 stems)
*G-770-042. Rudbeckia/Black-eyed Susan	*G-770-043. Sedum	*G-770-044. Stalice

***G-770-045.** Any other perennial (under 3" diameter -5 stems, 3" or more in diameter -3 stems) (do not duplicate entries in classes 30-44)

***G-770-046.** 4-H Flower Garden Collection of 5 different flowers. Each flower in the collection should be exhibited with the number specified for classes 1-45. Display in a box or other holder not more than 18" in any dimension. Do not duplicate entries in classes 1-45 with any in the group collection.

EDUCATIONAL EXHIBITS- one entry per class number.

***G-770-050.** Flower Notebook - exhibit a notebook containing pictures of flowers grown in Nebraska. There must be at least 10 different species of annuals and/or biennials and 10 different species of perennials hardy to Nebraska. The notebook must be the result of the current year's work. Four-H'ers may show more than one cultivar of the same species, but they will only count as one species. Pictures from garden catalogs, hand drawn pictures, or photographs may be used. Each species/cultivar must be labeled with the correct common name, scientific name, the height and spread of the plant and the growing conditions (for example - needs full sun and dry sandy soil) the species prefers. Bulbs may be included in a separate section. In addition to this information, bulbs should also be labeled as spring or summer flowering. Give proper credit by listing the sources of pictures and information used. The 4-Hers name must be on the back of the notebook.

***G-770-051.** Flower Garden Promotion Poster - Individual poster promoting flower gardening, size 14" x 22" either vertical or horizontal arrangement. Poster may be any medium: watercolor, ink, crayon, etc. as long as it is not 3-dimensional. Posters using copyrighted material will not be accepted. The 4-H member's name must be on the back of the poster.

***G-770-052.** Educational Flower Garden Poster - prepare a poster no larger than 14" x 22" x 2" (3-dimensional if needed) either vertical or horizontal arrangement illustrating a skill or project you have done or learned about in 4-H flowers or houseplant project. One might show a special technique used or equipment incorporated in the garden. Refer to 4-H horticulture project manuals but use your own creativity. The 4-H member's name must be on the back of the poster.

***G-770-053.** Flower Gardening History Interview - neatly handwritten or typed account of a gardening history interview whose flower garden has inspired you. Maximum of 4 pages of text and 2 pages of pictures (include 1 picture of the person you interviewed) of their flower garden if the individual is still gardening. Protect with a clear report cover. The 4-H member's name must be on the back of the report.

HOUSEPLANTS- one entry per class number.

1. Container Grown Plants - the choice of container and soil quality will be considered in judging. Each houseplant must be identified. Identify each plant individually if more than one cultivar or variety. Houseplants should be grown in display container for a minimum of 6 weeks. NebGuide G2205 "Guide to Growing Houseplants" (<https://go.unl.edu/4hhouseplants>) and NebGuide G837 "Guide to Selecting Houseplants" (<https://go.unl.edu/houseplantsguide>)
2. Containers of annual flowers or annual plants (i.e. petunias, geraniums, impatiens) will be disqualified.
3. Container grown houseplants shall be in pots no greater than 12" in diameter (inside opening measurement). Dish gardens, fairy or miniature gardens, desert gardens or terrariums may be up to 12" in diameter (inside opening measurement). Any container grown plant that is greater than 12" in diameter (inside opening measurement) will be disqualified. Exhibitors must have and provide a saucer to catch drainage water. The 4-H members name, age, full address, county, and years in the project(s) must be on the bottom or back of the container and saucer.

***G-770-060.** Flowering potted houseplant(s) that are blooming for exhibition. Container may have one or more houseplants in container. Label name for each plant. Non-blooming plants will be disqualified.

***G-770-061.** Foliage potted houseplant(s) one variety of tropical or cacti or succulent plant.

***G-770-062.** Hanging basket of flowering and/or foliage houseplants. Container may have one or more houseplants in container. Label name for each plant.

***G-770-063.** Dish Garden - an open/shallow container featuring a variety of plant material excluding cacti and succulents. Label name for each plant.

***G-770-064.** Fairy or Miniature garden-A miniature "scene" contained in an open container and featuring miniature or small, slow growing houseplants. The garden needs to have an imaginative theme and miniature accessories, i.e. bench, fence made from tiny twigs, small shell for a bathtub, etc. Label name for each plant.

***G-770-065.** Desert Garden - an open/shallow container featuring cacti and/or succulents grown as houseplants. Label name for each plant.

***G-770-066.** Terrariums - transparent container, partially or completely enclosed, sealed or unsealed. Label name for each plant.

SPECIAL GARDEN PROJECT- Youth must be enrolled in the current years Special Garden Project to exhibit. Fresh cut flowers or harvested vegetables should be entered in the appropriate class listed above.

The 2022 Special Gardening Project is focused on the Rubenza Cosmos.

PREMIUM: Purple \$2.50; Blue \$1.75; Red \$1.50; White \$1.25

***G-775-001.** Special Garden Project - Educational exhibit based on what was learned from the project. Present information on a poster 14" X 22" either vertical or horizontal arrangement or in a clear plastic report cover. The 4-H member's name, age, full address, and county must be on the back of the poster or report cover.

G-775-002. Special Garden Project Fresh Cut Flowers or Harvested Vegetables-The current years' Special Garden Project fresh cut flowers or harvested vegetables should be entered in this class. Refer to classes 001-045 for quantity to exhibit if special garden project is a fresh cut flower. Refer to classes 201-252 for quantity to exhibit if special garden project is a vegetable.

LANDSCAPE: GROW A BEAUTIFUL SPACE- Projects for youth enrolled in the **Landscape Professionals & Design Principles Unit 1, Landscape Plants & Materials Unit 2** and **Landscape Graphics & the Design Process Unit 3.**

PREMIUM: Purple \$2.50; Blue \$1.75; Red \$1.50; White \$1.25

G-777-401. Grow a Beautiful Space Unit 1 Portfolio Notebook - Create and complete 'Landscape Professionals & Design Principles' Unit 1 Portfolio. Present portfolio information in a three-ring binder. Give proper credit by listing the sources of photographs/images and information used. The 4-H member's name must be on the back of the notebook.

G-777-402. Establish Landscape Analysis Poster - Take multiple photographs of a landscape that has been established for 10 or more years. Critique the landscape based on each of the design principles (order, unity, rhythm, balance, scale or proportion, and emphasis). Describe the spatial definition of the landscape and what different areas of the landscape "feel like". Include photos taken to support your critique. Describe what changes need to be made in the landscape to improve its characteristics and sense of space. Display on a poster mat board no larger than 22" x 28". The 4-H member's name must be on the back of the poster.

G-777-403. Grow a Beautiful Space Unit 2 Portfolio Notebook - Create and complete 'Landscape Plants & Materials' Unit 2 Portfolio, 4H6120P. Present portfolio information in a three-ring binder. Give proper credit by listing the sources of photographs/images and information used. The 4-H member's name must be on the back of the notebook.

G-777-404. Landscape Renovation Poster - Take multiple photographs of a landscape that doesn't quite look right because it doesn't reflect sound design principles. Select a landscape in which you can make at least three design recommendations. Identify how the design principles (order, unity, rhythm, balance, scale or proportion, and emphasis) could be better integrated into the landscape, and how plants or materials with specific features (size, form, color, or texture) could improve the space. Reduce the opaqueness of the images to 50-60 percent and sketch plants, structures, materials, and/or amenities that could improve the overall design over the original images. The poster should include the original image(s) and improved image(s) and include a short explanation of how the landscape design was improved. Display on a poster mat.

G-777-405. Estimating Dreams Poster-Select a dream landscape as if money is not a consideration. Develop a plan drawing of the landscape. Draw landscape to scale. Identify the types of plants, structures, and amenities used in the landscape. Research the cost of the plants and amenities and the installation. Include the general cost of grading (if needed) and labor that could be associated with installation. Create a list, noting the plants that are included in the space. The quantities of plants and the structures, materials, or amenities and their cost should be included. Calculate the final total estimate. The poster should include the scale drawing of the landscape, identification of plants, structures and amenities, and cost and labor. Display on a poster mat board no larger than 22"x 28". The 4-H member's name must be on the back of the poster.

G-777-406. Site Inventory & Analysis Poster-Make an unscaled drawing of the landscape you inventoried and analyzed. Develop two drawings: a site inventory and a site analysis. The site inventory and site analysis should be communicated through a combination of written notes, graphics symbols and photographs. Display on a poster mat board no larger than 22" x 28". The 4-H member's name must be on the back of the poster.

G-777-407. Community Landscape Poster-Identify a local community space (park, nursing home, school, county fairgrounds, etc.) that needs some landscape improvements. Work through the design process and develop a detailed plan of your improvements to the space. The plan should include design principles, functional and aesthetic factors, list of plants and materials and their costs, budget for materials, labor you have available for the project, and a timeline. Take photographs of the area and draw over the photos to illustrate your final ideas. Include photographs of the finished landscape if project ideas were carried out. Display on a poster mat board no larger than 22" x 28". The 4-Her's name must be on the back.

G-777-408. Renovate the Outdoors Portfolio-Select a space that you would like to redesign. The space can be at your home, a family member's or friend's house, or somewhere in your community. Develop a scaled base map of the site and locate the existing plants and structures in the landscape. Take photographs of the landscape. Evaluate the physical properties of the site and conduct an interview with the people who live there or use the space. Think about how you would change the space and develop a plan that would implement design elements into the space. Create different drawings that will move you through the design process. You will draw concept diagrams, form compositions, preliminary drawings, and the final design. Once the final design drawing is complete, use overlays on the original photographs to show how the landscape will look compared to how it looked in the photo you originally took of the landscape. Place photographs, interview notes, concept and program statements and drawings in a portfolio. The 4-H member's name must be on the back of the portfolio.

RANGE- one entry per class number.

1. The purpose of this category is to help 4-H'ers identify and collect range plants. Participants will learn basics of range management, and Nebraska's range. Through creation of range boards 4-H'ers will become more proficient in knowledge of Nebraska's range.
2. All plant displays and display covers must be the result of the current year's work.
3. Plant identification and lists of appropriate plants in each category (grasses, forbs, shrub and grass-like plants) can be found in the Range Judging Handbook & Contest Guide(EC150), Common Grasses of Nebraska(EC170) and Common Forbs & Shrubs of Nebraska(EC118).
4. 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.
5. For books, plants must be mounted on sheets that are no larger than 14" wide x 14" high. Plants should be glued rather than taped and the mounts should be protected with a clear cover. Proper plant mount should include root as well as stem and leaf tissue. Exhibits will be judged based on completeness of plant mount, accuracy of identification, labeling, neatness, and conformation to project requirements. Each completed mount must have the following information in the lower right-hand 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 order that plants were collected in your personal collection. 7) Other information, depending on class selected, i.e., value and importance, lifespan, growth season, origin, major types of range plants. This information should be typed or printed neatly.
6. Displays- 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" by 28" 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.
7. Boards- Boards should be no larger than 30" wide X 36" tall or if hinged in the middle a maximum of 60" wide x 36" tall. Boards should be adequately labeled.

PREMIUM: Purple \$2.00; Blue \$1.50; Red \$1.00, White \$.50

RANGE MANAGEMENT- one entry per class number.

***D-330-001.** Value and Importance for Livestock Forage and Wildlife Habitat and Food Book-A collection of 12 different plant mounts, with 4 classified as high value, 4 as medium value, and 4 as low value for livestock forage, wildlife habitat, or wildlife food. Value and importance classifications can be found in the Range Judging Handbook and Contest Guide, Appendix Table 1 (EC150, Revised July 2016) starting on page 42. Plants can consist of any combination of grasses, grass like plants, forbs, or shrubs. Assemble plant mounts in order of high, medium, and low value and importance. Label each plant mount with its value and importance classifications for each of the three areas; Livestock Forage, Wildlife Habitat, Wildlife Food.

***D-330-002.** Life Span Book - collection of 6 perennial plant mounts and 6 annual plant mounts selected from grasses and forbs.

***D-330-003.** Growth Season Book - a collection including 6 cool season grass mounts and 6 warm season grass mounts.

***D-330-004.** Origin Book - a collection of plant mounts of 6 native range grasses and 6 introduced grasses. Introduced grasses are not from North America and often used to seed pastures.

***D-330-005.** Major Types of Range Plants Book - a collection of plant mounts of 3 grasses; 3 forbs; 3 grass-like; and 3 shrubs.

***D-330-006.** Range Plant Collection Book – A collection of 12 range plant mounts with something in common (i.e. poisonous to cattle, or historically used as food by Native Americans, or dye plants, or favorite antelope forage, etc.). Include a short paragraph in the front of the book which describes what the plants have in common and why you have chosen to collect them.

***D-330-007.** Parts of a Range Plant Poster – Mount a range plant on a poster board. Label all the plant parts. Include the plant label in the lower right corner, including the scientific and common name of the plant. Put your name and 4-H county on the back of the poster.

***D-330-008.** Special Study Board - a display of the results of a clipping study, a degree of use study or a range site study, etc. A short essay must accompany the display to explain the reason for the study, what was learned and study results and should be placed in a sheet cover attached to the board.

***D-330-009.** Jr. Rancher Board - exhibit includes the ranch map with record book or an appropriate educational display on some phase of rangeland or livestock management. A short essay must accompany the display to explain the purpose of the rancher board, what was learned, etc.

AGRONOMY- one entry per class number.

1. 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.
2. For guidelines on specific projects, refer to appropriate project manuals.

PREMIUM: Purple \$2.00; Blue \$1.50; Red \$1.00; White \$.50

FIELD CROPS - one entry per class number.

GRAIN OR PLANT EXHIBITS-

1. A completed Crop Production Worksheet available at <https://cropwatch.unl.edu/Youth/Documents/Crop%20Production%20Project%20Worksheet%20Final.pdf> must accompany grain and plant exhibits or it will automatically be deducted one ribbon placing. The worksheet must include the exhibitor's name, 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.
2. 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.
3. Worksheet must be the original work of the individual exhibitor or it will be deducted one ribbon placing.
4. 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. 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.
5. Plant exhibits with the exception of ears of corn, must be the result of the current years 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" 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.

DISPLAYS- 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" wide by 28" 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. 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 an essay, it will automatically be deducted one ribbon placing.

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

***G-750-002.** Soybeans

***G-750-003.** Oats

***G-750-004.** Wheat

***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.)

***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.

***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.

***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.) This should not be about the process of crop production but focus on an end product(s).

***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.

***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.

Special Agronomy Project - 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.

1. 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.
2. 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.

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

1. Economic Analysis and/or research that supports feasibility of this crop in Nebraska or how the crop has evolved over time.
2. 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.
3. 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.

***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" either vertical or horizontal arrangement or in a clear plastic report cover. The 4-H member's name, age, full address, and county must be on the back of the poster or report cover. Refer to Scoresheet SF259 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.

***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" long.

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

WEED SCIENCE- one entry per class number.

1. Any individual in the Conservation, Environment 1, 2 or 3, Range, Reading the Range 1 or using Nebraska Range 2, or Crop Production, Field Crops project 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 or Weeds of the Great Plains.

Books

1. Plants must be mounted on sheets that are no larger than 14" wide by 14" 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 clover.
2. Exhibits will be judged based on completeness of plant mount, accuracy of identification, label, neatness, and conformity to exhibit requirements.
3. Each completed mount must have the following information (see example below) in the lower right corner of the mounting sheet: - Scientific name (in italic or underlined), with authority, - Common name, - County of collection, - Collection date, - Collector's name, - Personal collection number, indicating the order that plants were collected in your personal collection, - Other information depending on class selected, i.e., noxious, life form. This information should be typed or printed neatly.

Displays

1. 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" by 28" on plywood or poster board. The display should be neatly titled.
2. Make sure to label display with exhibitor's name, address, and county on back side. Explain pictures and graphs clearly and concisely.
3. Each display must have a one-page essay explaining why the exhibitor chose the area of display and what they learned from their project. Include any references used.
4. The essay should be in a clear plastic cover with the exhibitor's name outside.

***G-751-001.** Weed Identification Book - A collection of a minimum of 15 plant mounts including at least two of the following prohibited noxious weeds (Canada thistle, musk thistle, plumeless thistle, salt cedar, leafy spurge, purple looserstrife, diffuse knapweed, spotted knapweed, Japanese knotweed, bohemian knotweed or phragmites) and at least five weeds that are a problem primarily in lawns.

***G-751-002.** Life Span Book - A collection of 7 perennial, 1 biennial and 7 annual weeds.

***G-751-003.** Weed Display--The purpose of this class is to allow original and creative exhibits that contain educational information about weeds, such as interesting information about a weed species, the effects of weed control, herbicide resistant weeds, what makes a weed a weed, or uses for weeds.