

## AGRONOMY

**All static exhibits must have received a purple ribbon at the county fair to advance to the State Fair.**

Individuals in the Crop Production, Field Crops project may exhibit grain or plants or 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

### FIELD CROPS

#### **RULES – GRAIN OR PLANT EXHIBITS – Classes 1-5**

1. A completed Crop Production Worksheet is available at <https://cropwatch.unl.edu/Youth/Documents/Crop%20Production%20Project%20Worksheet%20Final.pdf> and must accompany grain and plant exhibits 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 dry land, 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. Refer to scoresheet SF264. 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 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" 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.

- SF) G750001** Corn (includes yellow, white, pop, waxy or any other type) (*SF264*)
- SF) G750002** Soybeans (*SF264*)
- SF) G750003** Oats (*SF264*)
- SF) G750004** Wheat (*SF264*)
- SF) G750005** Any Other Crop (*SF264*) (includes grain sorghum, alfalfa, millets, barley, rye, triticale, amaranth, dry beans, sugar beet, mung bean, canola, forage sorghum, safflower, etc.)

#### **RULES – FIELD CROPS DISPLAYS – Classes 6-10**

1. The purpose of the display is to tell an educational story to those that view the display.
2. The display is a visual representation (pictures, charts, graphs) no longer than 28" wide by 28" tall on plywood or poster board.
3. 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.
4. Consider creativity and neatness. 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.
5. 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.

- SF) G750006** **Crop Production Display** (*SF259*) – 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.
- SF) G750007** **Crop Technology Display** (*SF259*) – Display information about aspects of technology used in crop production, such as genetic engineering, crop breeding, GPS, yield mapping, computers, etc.
- SF) G750008** **Crop End Use Display** (*SF259*) – 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).
- SF) G750009** **Water or Soil Display** (*SF259*) – 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.
- SF) G750010** **Career Interview Display** (*SF259*) – 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.

**NEW: 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. 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 gardens 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 and exhibit at both the county fair and/or state fair in the agronomy project area. **Crop of the year for 2023 is Tepary Beans.**

**SF) G750011 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, 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.

**SF) G750012 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 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.

**SF) G750013 Special Agronomy Project (Freshly Harvested Crop)** Plants 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.

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.

**C) G750901 County Only Display** – Any other item completed as part of this project.

**C) G750902 County Only Display** – Any other item completed as part of this project.

## WEED SCIENCE

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 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).

Books – Classes 1-2

- 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.
- Exhibits will be judged based on completeness of plant mount, accuracy of identification, label, neatness and conformity to exhibit requirements. Refer to Score sheet SF261.
- 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.

Scientific Name: *Abutilon theophrasti* Medik  
 Common Name: Velvetleaf  
 County of Collection: Cedar County  
 Collection Date: 6 July 2018\_\_  
 Collector’s Name: Dan D. Lion  
 Personal Collection Number: 3  
 Life Cycle: Annual

**SF) G751001 Weed Identification Book (SF261)** – 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, saltcedar, leafy spurge, purple loosestrife, diffuse knapweed, spotted knapweed, Japanese knotweed, bohemian knotweed, giant knotweed, sericea lespechea or phragmites) and at least five weeds that are a problem primarily in lawns.

**SF) G751002 Life Span Book (SF261)** – A collection of 7 perennials, 1 biennial and 7 annual weeds.

Displays – Class 3:

- 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. Explain pictures and graphs clearly and concisely. 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.
- The essay should be in a clear plastic cover with the exhibitor’s name outside.

**SF) G751003 Weeds Display (SF259)** – 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.

**C) G751901 County Only Display** – Any other item completed as part of this project.

**C) G751902 County Only Display** – Any other item completed as part of this project.

## RANGE MANAGEMENT

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The purpose of this category is to help 4-H’ers identify and collect range plants. In addition, participants will learn the basics of range management, and Nebraska’s range. Through the creation of range boards 4-H’ers will become more proficient in knowledge of Nebraska’s range. For more resources and materials in this category refer to the resource section at the bottom of the page.

Unit 1 may exhibit in 1-8, 10 Unit 2 may exhibit 1-10.

### RANGE MANAGEMENT - RULES

1. Each exhibit must be properly identified with Unit and Class.
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, shrubs, and grass-like plants) can be found in the Range Judging Handbook and Contest Guide (EC 150, Revised July 2016), Common Grasses of Nebraska (EC 170), and Common Forbs and Shrubs of Nebraska (EC 118).
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.
5. For guidelines on specific projects, refer to appropriate project manuals. Premier 4-H Science Award is available in this area.
6. Individuals in the Reading the Range Unit 1 project may exhibit in Classes 1-8, and 10. Individuals in the Using Nebraska Range Unit 2 project may exhibit in Classes 1-10.

### Rules:

**Books (Classes 1-6):** For books, plants must be mounted on sheets that are no larger than 14”wide by 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 typed or printed neatly (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 order that plants were collected in your personal collection 7. Other information depending on class selected, i.e. value and importance, life span, growth season, origin, major types of range plants his information should be typed or printed neatly.

Scientific Name: *Schizachyrium scoparium (Michx.) Nash*

Common Name: Big bluestem

County of Collection: Cedar County

Collection Date: 6 August 2018

Collector’s Name: Joe Smith

Personal collection Number: 37

Value and Importance

Livestock Forage: High

Wildlife Habitat: High

Wildlife Food: Medium

Or Life Span: Perennial

Or Season of Growth: Warm Season

Or Origin: Native

- SF) D330001** **Value and Importance for Livestock Forage and Wildlife Habitat and Food Book (SF260)** – 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 important classifications can be found in the Range Judging Handbook and Contest Guide Appendix Table 1 (EC 150, 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.
- SF) D330002** **Life Span Book (SF260)** – A collection of 6 perennial plant mounts and 6 annual plant mounts selected from grasses or forbs.
- SF) D330003** **Growth Season Book (SF260)** – A collection of 6 cool-season grass mounts and 6 warm-season grass mounts.
- SF) D330004** **Origin Book (SF260)** – 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.
- SF) D330005** **Major Types of Range Plants Book (SF260)** – A collection of plant mounts of 3 grasses, 3 forbs, 3 grass-like and 3 shrubs.
- SF) D330006** **Range Plant Collection Book (SF260)** – 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.
- C) D330901** **County Only Display** – Any other item completed as part of this project.
- Rules:**  
**Displays (Class 7):** 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.
- SF) D330007** **Parts of a Range Plant Poster (SF259)** – 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.
- C) D330902** **County Only Display** – Any other item completed as part of this project.
- Rules:**  
**Boards (Classes 8-9):** Boards should be no larger than 30” wide by 36” tall. Boards should be adequately labeled.
- SF) D330009** **Special Study Board (SF260)** – This exhibit should display 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. This should be placed in a sheet cover attached to the board.
- SF) D330010** **Junior Rancher Board (SF260)** - This exhibit should include a ranch map with a 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.
- C) D330903** **County Only Display** – Any other item completed as part of this project.

## HORTICULTURE

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The purpose of Horticulture is to encourage participants to start and maintain vegetable and herb gardens. In addition, 4-H’ers can participate in planting, growing, and caring for flowers and houseplants. There is also a special gardening project in this category that 4-H’ers can participate in. For more resources and materials in this category refer to the State fair book.

### **FLORICULTURE, EDUCATIONAL EXHIBITS & HOUSEPLANTS**

#### **Rules**

1. Classes 1-23 – Cut Flower Annuals and Biennials – 5 stems of a single variety (cultivar) unless otherwise noted in parenthesis.
2. Classes 30-46 – Cut Flower Perennials – 5 stems of a single variety (cultivar) unless otherwise noted in parenthesis
3. 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. Keep your seed package or identification label at planting time. Proper identification is the responsibility of the exhibitor not the Extension staff or office personnel. For Floriculture, punch hole in the top center of the entry tag and use a rubber band to securely attach entry tag to containers.
4. Exhibits entered under an incorrect class number or containing an incorrect number of stems will be dropped one ribbon placing. In classes 23, 45 & 46, do not duplicate entries from the already listed classes or entry will be dropped one ribbon placing. For example: 4-H’ers with two cultivars or varieties of marigolds can only enter the marigold class and cannot enter the other cultivar or variety in any other class. 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.

5. 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. Any exhibit not in a clear glass container will be dropped one ribbon placing. Containers may not be returned from State Fair.
6. Follow the guidelines in 4-H "Preparing Cut Flowers for Exhibits" 4H227 (revised 2016) when preparing entries for fair.
7. Youth may enter a maximum of 10 entries in classes 1-46 (cut flowers) and 50-53 (educational exhibits), but only one per class number

## FLORICULTURE

Cut Flower Annuals and Biennials - 5 stems of a single variety (cultivar) unless otherwise noted in parenthesis. Classes 1-23 – (SF106)

- SF) G770001 Aster
- SF) G770002 Bachelor Buttons
- SF) G770003 Bells of Ireland
- SF) G770004 Browallia
- SF) G770005 Calendula
- SF) G770006 Celosia (crested or plume) (3 stems)
- SF) G770007 Cosmos
- SF) G770008 Dahlia
- SF) G770009 Dianthus
- SF) G770010 Foxglove
- SF) G770011 Gladiolus (3 stems)
- SF) G770012 Gomphrena
- SF) G770013 Hollyhock (3 stems)
- SF) G770014 Marigold
- SF) G770015 Pansy
- SF) G770016 Petunia
- SF) G770017 Salvia
- SF) G770018 Snapdragon
- SF) G770019 Statice
- SF) G770020 Sunflower (under 3" in diameter – 5 stems; 3" or more in diameter – 3 stems)
- SF) G770021 Vinca
- SF) G770022 Zinnia
- SF) G770023 Any other annual or biennial (under 3" in 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. Classes 30-46 – (SF106)

- SF) G770030 Achillea/Yarrow
- SF) G770031 Chrysanthemum
- SF) G770032 Coneflower
- SF) G770033 Coreopsis
- SF) G770034 Daisy
- SF) G770035 Gaillardia
- SF) G770036 Helianthus
- SF) G770037 Hydrangea (3 stems)
- SF) G770038 Liatris (3 stems)
- SF) G770039 Lilies (3 stems) (Not Daylilies)
- SF) G770040 Platycodon
- SF) G770041 Rose (3 stems)
- SF) G770042 Rudbeckia/Black-eyed Susan
- SF) G770043 Sedum
- SF) G770044 Statice
- SF) G770045 Any other perennial (under 3" in diameter – 5 stems; 3" or more in diameter – 3 stems) (Do not duplicate entries in classes 30-44.)
- SF) G770046 **4-H Flower Garden Collection of 5 different cut flowers** – Flowers are to be cut not potted. 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. (Boxes may not be returned from State Fair.) Do not duplicate entries in classes 1-45 with any in the group collection.
- C) G770901 **Outdoor Hanging Flower Basket** – Any type of flowering plant(s) in a hanging basket. Must have been planted by the 4-H member. Requires some type of hook/hanger to display.
- C) G770902 **Outdoor Planter Display** – A collection of outdoor plants-blooming/non blooming or a combination. Must have been planted by the 4-H member.
- C) G770903 **Unique Container** – Use your imagination- An antique item, recycled container or specially designed one of a kind used for a potted plant, cut flowers or dried arrangement.
- C) G770904 **Beautiful Buckets or Other Displays Using Plants** – They are to be exhibited on the fairgrounds for view of the public. Be sure to tell Extension Staff where they are placed, or they will not be judged. Place the buckets where you want them to be displayed when you bring them to the fairgrounds.

- C) G770905 **An Original Arrangement** made with flowers from your gardening project. NO PURCHASED FLOWERS ACCEPTED. No larger than 12" x 12".
- C) G770906 **An Original Arrangement** made with a combination of native grasses, flowers, vines or other nature materials. No larger than 18" x 18".
- C) G770907 **An Original Arrangement** made with a combination of materials such as vegetables or flowers from your gardening project or native materials, etc. NO PURCHASED FLOWERS ACCEPTED. No larger than 18" x 18".
- C) G770908 **County Only Display** – Any item completed as part of this project.

## EDUCATIONAL EXHIBITS (Youth must be enrolled in Growing Great Houseplants project to exhibit in classes 60-66)

- SF) G770050 **Flower Notebook (SF100)** – Exhibit a notebook containing pictures of flowers grown in Nebraska. There must be least 10 different species of annuals and/or biennials and 10 different species of perennials hardy to Nebraska. Bulbs may be included in a separate section. 4-Her's may show more than one cultivar of the same species, but they will only count as one species. The notebook must be the result of the current year's work. Pictures from garden catalogs, hand drawn pictures or photographs may be used. Each species/cultivar must be labeled with the correct common name and 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. 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-H member's name, age, full a, county and years in the project(s) must be on the back of the notebook.
- SF) G770051 **Flower Garden Promotion Poster (SF103)** – Individual poster promoting flower gardening, size 14" x 22" either vertical or horizontal arrangement. Poster may be in any medium: watercolor, ink, crayon, etc. as long as it is not 3-dimensional. Posters using copyrighted material will not be accepted. Entry card must be stapled to the upper right hand corner. The 4-H member's name, age, county and years in the project(s) must be on the back of the poster.
- SF) G770052 **Educational Flower Garden Poster (SF104)** – 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 a 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. Entry card must be stapled to the upper right hand corner. The 4-H member's name, age, county and years in the project(s) must be on the back of the poster.
- SF) G770053 **Flower Gardening History Interview (SF105)** – 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, age, county and years in the project(s) must be on the back of the report cover.
- C) G770908 **County Only Display** – Any other item completed as part of this project.

## HOUSEPLANTS

### Rules

- Youth must be enrolled in Growing Great Houseplants project to exhibit in classes 60 – 66
- Container Grown Houseplants (SF107)** – The choice of container and soil quality will be considered in judging. Each houseplant must be identified by listing the names on the entry tag or on a card attached to the container. Identify each plant individually if more than one cultivar or variety. Houseplants should be grown in the display container for a minimum of six weeks. Plants grown as houseplants must be used. NebGuide G2205 "[Guide to Growing Houseplants](#)" and Neb Guide G837 "[Guide to Selecting Houseplants](#)" includes a listing of common houseplants. Containers of annual flowers or annual plants (i.e. petunias, geraniums, impatiens), will be disqualified and will not be judged.
- Entries in Classes 60-66 must have been designed and planted by the 4-H member.
- Container grown houseplants shall be in pots no greater than 12" in diameter (inside opening measurement). Dish gardens, fairy or miniature gardens, desert gardens and terrariums may be up to 12" in diameter (inside opening measurement). Any container grown plant in Classes 60-66 that is greater than 12" in diameter will be dropped one ribbon placing.
- Classes 60-65, 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.
- Youth may enter a maximum of 4 entries in classes 60-66, but only one per class number.

- SF) G770060 **Flowering Potted Houseplant(s)** that are blooming for exhibition. Container may have one or more houseplants in container. Label with name for each plant. Non-blooming plants will be disqualified.
- SF) G770061 **Foliage Potted Houseplant** – one variety of tropical or cacti or succulent plant. Label with name of plant.
- SF) G770062 **Hanging Basket** of flowering and/or foliage plants. Container may have one or more houseplants in container. Label with name for each plant.
- SF) G770063 **Dish Garden** – An open/shallow container featuring a variety of houseplants excluding cacti and succulents. Label with name for each plant.
- SF) G770064 **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 bath tub, etc. Label with name for each plant.
- SF) G770065 **Desert Garden** – An open/shallow container featuring a variety of cacti and/or succulents grown as houseplants. Label with name for each plant.

- SF) G770066 **Terrarium** – A transparent container, partially or completely enclosed; sealed or unsealed. Label with name for each plant.
- C) G770909 **County Only Display** – Any other item completed as part of this project

## VEGETABLES, HERBS, FRUITS & EDUCATIONAL EXHIBITS

### Rules

1. 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. Keep your seed package at planting time. 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 of the other classes or entry will be dropped one ribbon placing. For example: 4-Her's 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. Score Sheet SF108  
Follow the guidelines in "[Selecting and Preparing Vegetables, Herbs and Fruits for Exhibit](#)" 4-H 4H226 when preparing entries for the fair. At State Fair, plates will be provided for the exhibitor. (SF108)
2. Vegetables (Classes 1-56) Class, Vegetable, Number's to Exhibit
3. **Youth may enter a maximum of 10 vegetable, 5 herb and 3 fruit entries.**

### VEGETABLES

Class	Vegetable	Numbers to Exhibit
SF) G773201	Lima Beans	12
SF) G773202	Snap Beans	12
SF) G773203	Wax Beans	12
SF) G773204	Beets	5
SF) G773205	Broccoli	2
SF) G773206	Brussels Sprouts	12
SF) G773207	Green Cabbage	2
SF) G773208	Red Cabbage	2
SF) G773209	Carrots	5
SF) G773210	Cauliflower	2
SF) G773211	Slicing Cucumber	2
SF) G773212	Pickling Cucumbers	5
SF) G773213	Eggplant	2
SF) G773214	Kohlrabi	5
SF) G773215	Muskmelon/Cantaloupe	2
SF) G773216	Okra	5
SF) G773217	Yellow Onions	5
SF) G773218	Red Onions	5
SF) G773219	White Onions	5
SF) G773220	Parsnips	5
SF) G773221	Bell Peppers	5
SF) G773222	Sweet (Non-Bell) Peppers	5
SF) G773223	Jalapeno Peppers	5
SF) G773224	Hot (Non-Jalapeno) Peppers	5
SF) G773225	White Potatoes	5
SF) G773226	Red Potatoes	5
SF) G773227	Russet Potatoes	5
SF) G773228	Other Potatoes	5
SF) G773229	Pumpkin	2
SF) G773230	Miniature Pumpkins (Jack Be Little type)	5
SF) G773231	Radish	5
SF) G773232	Rhubarb	5
SF) G773233	Rutabaga	2
SF) G773234	Green Summer Squash	2
SF) G773235	Yellow Summer Squash	2
SF) G773236	White Summer Squash	2
SF) G773237	Acorn Squash	2
SF) G773238	Butternut Squash	2
SF) G773239	Buttercup Squash	2
SF) G773240	Other Winter Squash	2
SF) G773241	Sweet Corn (in Husks)	5
SF) G773242	Swiss Chard	5
SF) G773243	Red Tomatoes (2" or more in diameter)	5
SF) G773244	Roma or Sauce-type Tomatoes	5

SF) G773245	Salad Tomatoes (under 2" diameter)	12
SF) G773246	Yellow Tomatoes (2" or more in diameter)	5
SF) G773247	Turnips	5
SF) G773248	Watermelon	2
SF) G773249	Dry Edible Beans	1 pint
SF) G773250	Gourds, mixed types	5
SF) G773251	Gourds, single variety	5

- SF) G773252 Any other vegetable 2, 5 or 12 (do not duplicate entries in classes 201-251) that doesn't fit in any other class.
- SF) G773255 **4-H Vegetable Garden Collection** – of five kinds of vegetables. Display Garden Collection in a box not more than 24" in any dimension. (State Fair – Boxes may not be returned.) 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 (201-252). Do not duplicate entries in classes 201-252 with any in the group collection.
- SF) G773256 **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 or squash or onions or tomatoes, etc. Display in a box not more than 24" in any dimension. (State Fair – Boxes may not be returned.) 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 (201-252).
- C) G773901 **Summer or Fall Display** – Using vegetables, fruits, flowers, herbs, grasses, crops, etc. to promote horticulture with an agricultural emphasis. Creativity is encouraged.
- C) G773903 **Garden Sign** - (made and designed by the exhibitor) must be made of weather resistant material. May be for a theme garden, a personal garden, or for one plant.
- C) G773904 **Garden Stepping Stone** – (made and designed by exhibitor) May be made from concrete or other material that will stand up to use outdoors. Marbles, stones, shells, tile pieces may be used in the design. Stone should be no smaller than 8" diameter and no larger than 16" diameter.
- C) G773905 **County Only Display** – Any other item completed as part of this project

## HERBS

Herbs will be judged using the same general criteria used for vegetables. Those grown mainly for their seed, 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. (SF108) **Limit of 5 herb entries.**

SF) G773260	Basil	5
SF) G773261	Dill (dry)	5
SF) G773262	Garlic (bulbs)	5
SF) G773263	Mint	5
SF) G773264	Oregano	5
SF) G773265	Parsley	5
SF) G773266	Sage	5
SF) G773267	Thyme	5
SF) G773268	Any other herb	5 (Do not duplicate entries in classes 260-267)

- SF) G773269 **4-H Herb Garden Display** of 5 different cut herbs. Herbs are to be cut not potted. 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.
- C) G773906 **Window Sill Herb Garden** – A group of 3 to 5 pots of herbs that were planted for use as indoor windowsill herb gardens. Display in a box. Box will not be judged. Include cultivar of each plant.
- C) G773907 **County Only Display** – Any other item completed as part of this project

## FRUITS

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. (SF108) **Limit of 3 fruit entries.**

SF) G773280	Strawberries (everbearers)	1 pint
SF) G773281	Grapes	2 bunches
SF) G773282	Apples	5
SF) G773283	Pears	5
SF) G773284	Wild Plums	1 pint
SF) G773285	Other Small Fruit or Berries	1 pint (Do not duplicate entries in classes 280-284)
SF) G773286	Other Fruits OR Nuts	5 (Do not duplicate entries in classes 280-284)

## EDUCATIONAL EXHIBITS



- SF) G773290** **Garden Promotion Poster (SF103)** – 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. Entry card must be stapled to the upper right-hand corner. The 4-H member’s name, age, full address, county and years in the project(s) must be on the back of the poster.
- SF) G773291** **Educational Vegetable or Herb Garden Poster (SF104)** – Prepare a poster 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 the garden (e.g., drip irrigation system, composting or special techniques learned). Refer to 4-H horticulture project manuals but use your own creativity. Entry card must be stapled to the upper right-hand corner. The 4-H member’s name, age, full address, county and years in the project(s) must be on the back of the poster. Score sheet
- SF) G773292** **Vegetable and/or Herb Gardening History Interview (SF105)** – 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 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 cover.
- SF) G773293** **Vegetable Seed Display (SF101)** – 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 cite references on where the scientific name information was found. The 4-H member’s name, age, full address, county and years in the project(s) must be on the back of the display. Information on vegetable family members can be obtained from the extension office.
- SF) G773294** **World of Vegetables Notebook (SF102)** – 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 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 3-ring notebook. The 4-Hers name, age, full address, county and years in the project(s) must be on the back of the report cover or notebook.
- C) G773908** **County Only Display** – Any other item completed as part of this project

## **SPECIAL GARDEN PROJECT**

*Youth must be enrolled in the current year’s Special Garden Project to exhibit. 2023 is Mrs. Burns’ Lemon Basil - Herb*

- SF) G775001** **Special Garden Project - Educational Exhibit (SF109)** – 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, and county must be on the back of the poster or report cover.
- SF) G775002** **Special Garden Project – Fresh Cut Flowers or Harvested Vegetables.(SF109)**- The current years’ Special Garden Project fresh cut flowers or harvested vegetables should be entered in this class. Refer to classes 1-45 for quantity to exhibit if special garden project is a fresh cut flower. (SF106) Refer to classes 201-252 for quantity to exhibit if special garden project is a vegetable (SF108) Flowers and herbs must be cut not potted.