

## DEPARTMENT G - PLANTS

### DRESS

### CODE

Please follow the dress code for your county as noted in the "General Rules and Regulations" section of this fair book.

### ENTRIES

### PER

### EXHIBITOR

**County Entries** - No limit to number of exhibit per class unless otherwise noted in class description.  
**State Fair** - State Fair has limits to entries per exhibitor and could be different in each division (please refer to the Nebraska State Fair Book).

Premier 4-H Science Award is available in this area. Please see Department H for more details.

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

**IMPORTANT** – There is **NOT** a **County Only Section** in the Fair book. There will either be a **CF** or **SF** in front of every **Class Number**.

- **CF:** means that exhibit is **ONLY** eligible to be exhibited at the County Fair.
- **SF:** means that exhibit if **CHOSEN** at County Fair is eligible to advance to State Fair.

## DEPARTMENT G - AGRONOMY

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.

**A. IMPORTANT:** A two page (maximum) essay must accompany grain and plant exhibits. The essay 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. **The essay 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 essay counts as 50% of the total when judged. Essay must be the original work of the individual exhibitor. Attach the essay to the entry in a clear plastic cover such that it can be read without removing it from the cover. In addition to the essay, 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.

**B.** 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. STATE - Display containers will be furnished.

**C.** 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.

## DIVISION 750 - FIELD CROPS CLASSES

**SF-G750001 - Corn** (includes yellow, white, pop, waxy, or any other type)

**SF-G750002 - Soybeans**

**SF-G750003 - Oats**

**SF-G750004 - Wheat**

**SF-G750005 - Any other crop** (includes grain sorghum, alfalfa, millets, barley, rye, triticale, amaranth, dry beans, sugar beet, mung bean, canola, forage sorghum, safflower, etc.)

#### **DIVISION 750 - FIELD CROP DISPLAYS**

A. The purpose of the display is to tell an educational story to those that view the display. The display is a visual representation (pictures, charts, graphs) no larger than 28" 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. Refer to scoresheet SF259.

B. **Each display must have a one page essay (minimum) explaining why the exhibitor chose the area of display and what they learned from their project.** Include any references used. The essay should be in a clear plastic cover with the exhibitor's name outside.

**SF-G750006 - 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.

**SF-G750007 - Crop Technology Display** - 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** - 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.).

**SF-G750009 - 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.

**SF-G750010 - Career Interview Display** - The purpose of this class is to allow youth to investigate a career in agronomy. Youth should interview 1 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.

**CF-G750906 - Field Crops - Other** - Exhibit needs to relate to project area. You can add any additional information that you want the judge to know about your exhibit.

#### **DIVISION 750 - CROP PRODUCTION- PLANT CLASSES**

##### **How to exhibit your crop -**

- **Corn** - 10 ears or 3 stalks (cut at ground level and bound together)
- **Grain Sorghum** - Ten heads with 10 inch stem, mounted on a 3" board not to exceed 30" long x 24" high or 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.

All plant exhibits must be the result of the current year's work.

**CF-G750900 - Corn** (includes yellow, white, pop, waxy or any other type) - 10 ears or 3 stalks

**CF-G750901 - Grain Sorghum** - 10 heads on board OR 4 stalks bound

**CF-G750902 - Soybeans** - 6 stalks bound

**CF-G750903 - Oats** - sheaf of heads

**CF-G750904 - Wheat** - sheaf of heads

**CF-G750905 - Any other crop** (includes millets, barley, rye, triticale, amaranths, mung bean, canola, forage sorghum, alfalfa, crambe, safflower)- sheaf of heads - Cannot be one of the above classes.

#### **DIVISION 750 - CROP PRODUCTION - HARVESTED CROP CLASSES**

**Grain Samples** - 2 quart sample entered in a 4 quart ice cream bucket; **Hay** - 1 gallon in a Ziploc bag. Fall harvested crops (e.g. soybeans) may be from the previous year's project. Display containers will not be furnished.

**CF-G750950 - Harvested Barley**

**CF-G750951 - Harvested Oats**

**CF-G750952 - Harvested Rye**

CF-G750953 - Harvested Winter Wheat  
CF-G750954 - Harvested Grain Sorghum  
CF-G750955 - Harvested Shelled Corn  
CF-G750956 - Harvested Soybeans  
CF-G750957 - Harvested Alfalfa Hay  
CF-G750958 - Harvested Native Hay  
CF-G750959 - Harvested Haylage  
CF-G750960 - Harvested Silage  
CF-G750961 - Harvested Spring Wheat  
CF-G750962 - Any Other Harvested Crop

#### DEPARTMENT G - 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 project may exhibit a weed book or weed display. The book cover and 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).

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

#### WEED SCIENCE BOOKS

Display one plant on the book cover (no label required on cover specimen). 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 cover. Refer to scoresheet 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, 7. Other information depending on class selected, i.d. noxious, life form. This information should be typed or printed neatly.

#### EXAMPLE:

Scientific name: <i>Abutilon theophrasti</i> Medik. Common name: Velvetleaf County of collection: Hall County Collection date: 6 July 2017 Collector's name: Dan D. Lion Personal collection number: 3 Life cycle: Annual
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#### DIVISION 751 - WEED SCIENCE CLASSES

**SF-G751001 - Weed Identification Book** - A collection of a minimum of 15 plant mounts including at least two of the following prohibited noxious weeds (Canada thistle, must thistle, plumeless thistle, saltcedar, leafy spurge, purple loosestrife, diffuse knapweed, spotted knapweed, Japanese knotweed, bohemian knotweed, giant knotweed, sericea lespedeza or phragmites), and at least five weeds that are a problem primarily in lawns.

**SF-G751002 - Life Span Book** - A collection of 7 perennials, 1 biennial and 7 annual weeds.

#### DIVISION 751 - WEED SCIENCE 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" x 28" on plywood or poster board. The display should be neatly titled. Make sure to label display with exhibitor 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 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 - 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.

**CF-G751900 - Weed Science - Other** - Exhibit needs to relate to project area. You can add any additional information that you want the judge to know about your exhibit.

#### DEPARTMENT D - RANGE MANAGEMENT

A. Individuals in Reading the Range Unit 1 project may exhibit in Classes 1-8, and 10.

B. Individuals in the Using Nebraska Range Unit 2 project may exhibit in Classes 1-10.

C. Each exhibit must be properly identified with Unit and Class.

D. All plant displays and display covers must be the result of the current year's work.

E. 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 (EC150, Revised July 2009), Common Grasses of Nebraska (EC170), and Common Forbs and Shrubs of Nebraska (EC118).

#### RANGE MANAGEMENT BOOKS

A. 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.

B. Exhibits will be judged based on completeness of plant mount, accuracy of identification, labeling, neatness and conformation to project requirements. Refer to Scoresheet SF260.

C. Each completed mount must have the following information (see example below) in the lower right corner of the mounting sheet: 1. Scientific name (in italic or underlined), with authority. 2. Common name. 3. County of collection. 4. Collection date. 5. Collector's name. 6. Personal collection number, indicating 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. This information should be typed or printed neatly

#### EXAMPLE:

Scientific name: *Schizachyrium scoparium* (Michx.) Nash  
Common name: Little bluestem  
County of collection: Hall County  
Collection date: 6 August 2017  
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** - A collection of 12 different plants 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 (EC150, Revised July 2009) on pages 3 through 6. 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, and Wildlife Food.

**SF-D330002 - Life Span Book**- A collection of 6 perennial plant mounts and 6 annual plant mounts selected from grasses or forbs.

**SF-D330003 - Growth Season Book** - A collection of 6 cool-season grass mounts and 6 warm-season grass mounts.

**SF-D330004 - Origin Book** - A collection 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** - A collection plant mounts of 3 grasses, 3 forbs, 3 grass-like and 3 shrubs.

**SF-D330006 - 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.

### **DIVISION 330 - RANGE MANAGEMENT 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. Refer to Scoresheet SF259.

**SF-D330007 - 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. Put your name and 4-H county on the back of the poster.

### **DIVISION 330 - RANGE MANAGEMENT BOARDS**

Boards should be no larger than 30" wide by 36" tall or if hinged in the middle a maximum of 60" wide by 36" tall. Boards should be adequately labeled. Refer to Scoresheet SF260.

**SF-D330008 - Range Plant Board** - Will include 25 range forage species important to a particular county and should include:

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 as needed.

**SF-D330009 - Special Study Board** - A display of the results of a clipping study, a degree of use study or a range site study, etc.

**SF-D3300010 - Junior Rancher Board** - This exhibit should include a ranch map with a record book or an appropriate educational display on some phase of rangeland or livestock management.

**CF-D330900 - Range Management - Other** - Exhibit needs to relate to project area. You can add any additional information that you want the judge to know about your exhibit.

## **DEPARTMENT G - HORTICULTURE**

### **FLORICULTURE**

Youth must be enrolled in the **World of Flowers, Annual Flowers and/or Growing Great Houseplants projects** to exhibit floriculture.

Entries must be the work of the 4-H member.

Notebooks and posters must have received a purple ribbon at the county fair to advance to the State fair.

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. For Floriculture, punch hole in the top center of entry tag, attach exhibit tag to flower container with a rubber band. Put the rubber band through the hole on the tag and stretch it over the jar, vase, etc. Do not attach with string. **Special Suggestions for the Floriculture Tags** - Due to the fact that the flower tags become wet and unreadable it is suggested that you cover the part of the entry tag that shows your name, exhibitor number and the Department/Division/Class number of your flower exhibit with clear tape. Be sure to fill in the necessary information prior to applying the tape.

Exhibits entered under an incorrect class number or containing an incorrect number of stems will be dropped one ribbon placing. In classes 23, 44 & 45, do not duplicate entries with the classes listed by using other cultivars or varieties, 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 overwinters. 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 overwinters as a crown, blooms the following year and dies. Foliage will be considered when exhibit is judged.

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 (No plastic containers)** that won't tip over and of adequate size to display blooms. Follow the guidelines in 4-H "Preparing Cut Flowers for Exhibits" 4H227 (revised 2016) (Free Download - <https://unl.box.com/s/2f3a785c67p7qhqasevp6gu6adf3ugon>) when preparing entries for the fair.

**DIVISION 770 - FLORICULTURE,  
EDUCATIONAL EXHIBITS, HOUSEPLANTS  
AND CONTAINER PLANTS CLASSES**

Cut flower Annuals and Biennials - 5 stems of a single variety (cultivar) unless otherwise notes in parenthesis.

- 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" 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" diameter - 5 stems or 3" or more in diameter - 3 stems) Do not duplicate entries in classes 1-22.

**DIVISION 770 - CUT FLOWERS - PERENNIALS**

5 stems of a single variety (cultivar) unless otherwise notes in parenthesis.

- SF-G770030 - Achillea/Yarrow
- SF-G770031 - Chrysanthemum

**SF-G770032 - Coneflowers**  
**SF-G770033 - Coreopsis**  
**SF-G770034 - Daisy**  
**SF-G770035 - Gaillardia**  
**SF-G770036 - Helianthus**  
**SF-G770037 - Liatris (3 stems)**  
**SF-G770038 - Lilies (3 stems) (Not Daylilies)**  
**SF-G770039 - Platycodon**  
**SF-G770040 - Rose (3 stems)**  
**SF-G770041 - Rudbeckia/Black-eyed Susan**  
**SF-G770042 - Sedum**  
**SF-G770043 - Statice**  
**SF-G770044 - Any other Perennial** (under 3" diameter - 5 stems, 3" or more in diameter - 3 stems). Do not duplicate entries in classes 30-43.  
**SF-G770045 - 4-H Flower Garden Collection of 5 Different Flowers.** Display in a box or other holder not more than 18" in any dimension. Boxes will not be returned at State Fair. Each flower in the collection should be exhibited with the number specified for classes 1-44. Do not duplicate entries in classes 1-44 with any in the group collection.

#### **DIVISION 770 - EDUCATIONAL EXHIBITS**

**SF-G770050 - 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. Bulbs may be included in a separate section. 4-H'ers 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 information used. The 4-H member's name, age, full address, county, and years in the project(s) must be on the back of the notebook. Scoresheet SF100.

**SF-G770051 - Flower Garden Promotion Poster** - 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, full address, county and years in the project(s) must be on the back of the poster. Scoresheet SF103.

**SF-G770052 - Educational Flower Garden Poster** - Prepare a poster 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 horticultural manuals, but use our 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. Scoresheet SF104.

**SF-G770053 - 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, age, full address, county, and years in the project (s) must be on the back of the report cover or notebook. Scoresheet SF105.

#### **DIVISION 770 - HOUSEPLANTS**

Youth must be enrolled in the **Growing Great Houseplants** project to exhibit in classes 60-65. Youth may enter a maximum of THREE (3) entries in classes 50-66, but each entry must have received a purple ribbon at the county fair to advance to the State Fair.

Container Grown Houseplants - 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. 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" (<http://extensionpublications.unl.edu/assets/html/g2205/build/g2205.htm>) and NebGuide G837 "Guide to Selecting Houseplants" (<http://extensionpublications.unl.edu/assets/html/g837/build/g837.htm>) 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 must have received a purple ribbon at the county fair to be exhibited at the State Fair. 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 (inside opening measurement) 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. Scoresheet SF107.

**SF-G770060 - Flowering Potted Houseplant(s)** that are blooming for exhibition. Non-blooming plants will be disqualified.

**SF-G770061 - Foliage Potted Houseplant(s)** of all the same variety.

**SF-G770062 - Hanging Basket** of flowering and/or foliage houseplants.

**SF-G770063 - Dish Garden** - an open/shallow container featuring a variety of houseplants excluding cacti and succulents.

**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.

**SF-G770065 - Desert Garden** - open/shallow container featuring cacti and/or succulents grown as houseplants.

**SF-G770066 - Terrarium** - a transparent container - partially or completely enclosed; sealed or unsealed.

#### **DIVISION 770 - CONTAINER GROWN PLANTS**

The choice of container and soil quality will be considered in judging. Each plant must be identified by listing the names on the entry tag or on a card attached to the container. Plants should be grown in display container for a minimum of six (6) weeks at fair time. Entries must have been designed and planted by the 4-H member. Container grown plants shall be in pots no greater than 12" in diameter. All containers must have 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.

**CF-G770900 - Flowering potted plant(s)** that are blooming for exhibition. Non-blooming plants will be disqualified.

**CF-G770901 - Foliage potted plant(s)** all of the same variety

**CF-G770902 - Hanging basket of flowering and/or foliage plants.**

**CF-G770903 - Mixed Potted Plants - flowering and non-flowering potted plants.** Flowering plants must be blooming for exhibition (Non-blooming flowering plants will be disqualified)

#### **DIVISION 773 - VEGETABLES, HERBS & FRUITS & EDUCATIONAL EXHIBIT CLASSES**

Youth must be enrolled in the **Everyone A Gardener, and/or Gardening Unit 1-Unit 4**. Notebooks and posters must have received a purple ribbon at the county fair to advance to the State Fair.

Entries must be the work of the 4-H member.

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 with the classes listed by using other cultivars or varieties or entry will be dropped one ribbon placing. 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.

Follow the guidelines in "Selecting and Preparing Vegetables, Herbs and Fruits for Exhibit" 4H226 (revised June 2013) (Free Download <http://4h.unl.edu/4hcurriculum/preparingvegetabesherbandsfruit>) when preparing entries for the fair. At State Fair, plates will be provided for the exhibitor.

#### **DIVISION 773 - VEGETABLE CLASSES**

**Class, Vegetable, and Number 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 - Brussel Sprouts - 12  
 SF-G773207 - Green Cabbage - 2  
 SF-G773208 - Red Cabbage - 2  
 SF-G773209 - Carrots - 5  
 SF-G773210 - Cauliflower - 2  
 SF-G773211 - Slicing Cucumbers - 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 - Jalapeño Peppers - 5  
 SF-G773224 - Hot (Non-Jalapeño) 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 Pumpkin (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 Type - 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. Boxes will not be returned at State Fair. 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. Boxes will not be returned at State Fair. 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 classes (201- 252).

## 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. Containers will not be returned at State Fair. Potted herb plants will be disqualified and will not be judged. Scoresheet SF108.

### DIVISION 773 - HERB CLASSES

**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 herbs. Displayed in a box or other holder not more than 18" in any dimension. Boxes will not be returned at State Fair. 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.

## 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. Scoresheet SF108.

### DIVISION 773 - FRUIT CLASSES

**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 -** Individual poster promoting vegetables or herb gardening, size 14" x 22", either vertical or horizontal arrangement. Poster may be in any medium so long as they are 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. Scoresheet SF103.

**SF-G773291 - Educational Vegetable or Herb Garden Poster -** Prepare a poster 14" x 22" x 2" (3-dimensional if needed) either vertical or horizontal arrangement illustrating a skill or project the 4-H'er 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. Scoresheet SF104.

**SF-G773292 - 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 four 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 full name, age, full address, county, and years in the project(s) must be on the back of the report cover. Scoresheet SF105.

**SF-G773293 - 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 clean 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 your extension office. Scoresheet SF101.

**SF-G773294 - 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 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. Protect in a clear report cover or small 3-ring notebook. Give proper credit by listing the source of pictures and information used. The 4-H member's name, age, full address, county, and years in the gardening project(s) must be on the back of the report cover or notebook. Scoresheet SF102.

## **SPECIAL GARDENING - LARGEST AND UNIQUE**

### **DIVISION 774 - LARGEST AND UNIQUE CLASSES**

**CF-G774900 - Pumpkin**

**CF-G774901 - Winter Squash**

**CF-G774902 - Watermelon**

**CF-G774903 - Green or Red Tomato**

**CF-G774904 - Bell Pepper**

**CF-G774905 - Goofy Gourd** - Add any of the following to a gourd - scraps of material, paint, bits and pieces of anything to "decorate" your gourd. On a half sheet of paper (8½" x 5") tell about your goofy gourd. Tell who or what your gourd is decorated like, did you name him/her, etc. Gourd does not need to be grown this year.

**CF-G774906 Special Gardening - Largest and Unique - Other**

### **DIVISION 775 - SPECIAL GARDEN PROJECT**

Youth must be enrolled in the Special Garden Project to exhibit. Exhibits must be from **only** the special seeds/plants given out by the Extension Office for this project. The seeds/plants for this project will change in variety and type from year to year. Fresh cut flowers or harvested vegetables should be entered in the appropriate class listed above.



**SF-G775001 - 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. Scoresheet SF109.

**SF-G775002 - 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 001-044 for quantity to exhibit if special garden project is a fresh cut flower. Score Sheet SF106. Refer to classes 201-252 for quantity to exhibit if special garden project is a vegetable. Score Sheet SF 108.**

**CF-G775900 - Special Garden Project - 'Delft Blue Nigella'** – Potted Plant.

**CF-G775901 - Special Garden Project - 'Delft Blue Nigella'** –Arrangement or Bouquet including Delft Blue Nigellas.

**CF-G775902 - Special Garden Project - 'Delft Blue Nigella'** Most Unique or Largest.

### **DIVISION 777 - LANDSCAPE: GROW A BEAUTIFUL SPACE**

The 4-H member's name, age, full address, county, and years in the project(s) must be on the back of the notebook, poster or portfolio. All poster projects are to be displayed on a poster mat board no larger than 22" x 28". Entry card must be stapled to the upper right hand corner of posters.

**SF-G777401 - Grow a Beautiful Space Unit 1 Portfolio Notebook** - Individual Create and complete 'Landscape Professionals & Design Principles' Unit 1 Portfolio, 4H6110P. Present portfolio information in a three ring binder. Give proper credit by listing the sources of photographs/images and information used. Scoresheet SF110.

**SF-G777402 - 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. Scoresheet SF110.

**SF-G777403 - 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. Scoresheet SF111.

**SF-G777404 - 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 opacity 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. Scoresheet SF111.

**SF-G777405 - 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. Scoresheet SF111.

**SF-G777406 - 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. Scoresheet SF111.

**SF-G777407 - 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. Scoresheet SF111.

**SF-G777408 - 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. Scoresheet SF111.

**CF-G777900 - Landscape: Grow a Beautiful Space - Other** - Exhibit needs to relate to project area. You can add any additional information that you want the judge to know about your exhibit.