

# **DEPARTMENT G**

## **Agronomy, Plant Science & Horticulture**

All entries must be pre-entered on a General Entry Form at the York County Extension Office by the first Friday of July. All Exhibits will be judged on Wednesday of fair week in Ag Hall. Entries must receive a Purple ribbon at county fair and be selected to advance to State Fair.

### **Field Crops**

Individuals in the Crop Production, Field Crops project may exhibit grain or plants to prepare an educational display representing their project. The purpose of these exhibits is to demonstrate to the public the benefits from the study and application of crop, weed, range and soil sciences to solving problems in management, conservation, sustainability and environmental protection. For guidelines on specific projects, refer to appropriate project manuals

### **Grain or Plant Exhibits**

Pay Category 200

#### **Rules**

#### **1. Grain or Plant Exhibits Classes 1-5**

- A completed Crop Production Worksheet must accompany grain and plant exhibits or it will automatically be deducted one ribbon placing. The worksheet must include the exhibitors name and county, plant hybrid or variety,

plant population, whether crop production was irrigated or dryland, and general information including farm cropping history, soil type and weather effects.

- The worksheet also must include an economic analysis of the project, listing individual expenses and income, on a per acre basis. Other topics to discuss are the selection of variety or hybrid, impacts of tillage and conservation practices, inputs (fuel, fertilizer, irrigation, labor, pesticides, etc.), any observations made during the growing season, and what you learned from your crops project. The worksheet counts as 50% of the total when judged.
- Worksheet must be the original work of the individual exhibitor or it will be deducted one ribbon placing.
- Attach the worksheet to the entry in a clear plastic cover such that it can be read without removing it from the cover. In addition to the worksheet, grain and plant exhibits will be judged on condition, appearance (i.e. disease and insect damage, grain fill), uniformity (size, shape, color, maturity), and quality of exhibit. Refer to Scoresheet SF264. Grain exhibits must be one gallon per sample. Grain exhibits harvested in the fall (e.g., corn or soybeans) may be from the previous year's project and brought in an appropriately sized box/container for display. Place in a clear container so it can be viewed and displayed.
- 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.

### **Crops Exhibits**

Scoresheet SF264

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

**G750002 - Soybeans**

**G750003 - Oats**

**G750004 - Wheat**

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

### **2. Displays - Classes 6-10:**

- 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, and county on back side. Explain pictures and graphs clearly and concisely.
- 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.
- 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.

## **Crops Displays**

Scoresheet SF259

**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.

**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.

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

**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.

**G750010 - 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.

### **3. Special Agronomy Project Classes 11-13**

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 garden or pots.

Written resources materials will be available for youth, in addition to virtual, live or recorded videos/field trips.

**G750011 - Special Agronomy Project Educational Exhibit** 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.

**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 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. Email a link of the video to the superintendents to [anygren2@unl.edu](mailto:anygren2@unl.edu) or [brandy.vandewalle@unl.edu](mailto:brandy.vandewalle@unl.edu) by August 10<sup>th</sup>.

**G750013 - 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.

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.

### **County Only Class**

#### **G750911 - Crop Science Investigation (CSI)**

**Journal**, Can be a notebook, formal journal, lab notebook. Show youth's observations of projects, activities, learning, photos, drawings, etc. No additional essay is needed.

### **Weed Science**

Pay Category 200

At least 15 specimens must represent this year's work. For assistance identifying plants, participants can use NE Dept. of Ag's Weeds of Nebraska and the Great Plains (94) or Weeds of the Great Plains (03).

### **Books Classes 1-2**

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



requirements.

- Each completed mount must have the following information (see example below) in the lower right corner of the mounting sheet: This information should be typed or printed neatly.
  1. Scientific name (in italic or underlined),
  2. With authority
  3. Common name
  4. County of collection
  5. Collection date
  6. Collector's name
  7. Personal collection number, indicating the order that plants were collected in your personal collection
  8. Other information depending on class selected, i.e., noxious, life form. This information should be typed or printed neatly.

**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 lespedeza or phragmites), and at least five weeds that are a problem primarily in lawns.

**G751002 - Life Span Book SF261 A** collection of 7 perennial, 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, and county on back side. Explain pictures and graphs clearly and concisely.
- 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.

**G751003 - Weed 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.

### **Range**

All entries must be pre-entered on a General Entry Form at the York County Extension Office by the first Friday of July. All Exhibits will be judged on Wednesday of fair week in Ag Hall. Entries must receive a Purple ribbon at county fair and be selected to advance to State Fair.

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

1. All plant displays and display covers must be the result of the current year's work.
2. 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 2016), Common Grasses of Nebraska (EC170), and Common Forbs and Shrubs of Nebraska (EC118).
3. 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.
4. For guidelines on specific projects, refer to appropriate project manuals.

## **Range Management**

Pay Category 200

### **Books Classes 1-6 Scoresheet SF260**

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 (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.

**D330001 - 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 (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.

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

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

**D330004 - 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.

**D330005 - Major Types of Range Plants Book** A collection of plant mounts of 3 grasses, 3 forbs, 3 grass-like, and 3 shrubs.

**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.

### **Display Class 7 Scoresheet SF259**

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, and county on back side.

**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, including the scientific and common name of the plant. Put your name and 4-H county on the back of the poster.

### **Boards Class 8-9 Scoresheet SF260**

Boards should be should 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.

**D330008 - Special Study Board** A display of the results of a clipping study, a degree of use study, 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.

**D330009 - 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. A short essay must accompany the display to explain the purpose of the rancher board, what was learned, etc.

## Plant Science

All entries must be pre-entered on a General Entry Form at the York County Extension Office by the first Friday of July. All Exhibits will be judged on Wednesday of fair week in Ag Hall. Entries must receive a Purple ribbon at county fair and be selected to advance to State Fair.

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. For more resources and materials in this category refer to the resource section at the bottom of the page.

## Floriculture

### Pay Category 200

Exhibits are limited to one exhibit per class number. Exhibit must be the work of the 4-H member.

- **Classes 1-23:** Cut flower Annuals and Biennials – 5 stems of a single variety (cultivar) unless otherwise noted in parenthesis.
- **Classes 30-46:** Cut Flower Perennials- 5 stems of a single variety (cultivar) unless otherwise noted in parenthesis.
- 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. For Floriculture, punch hole in the top center of entry tag, use a rubber band to securely attach entry tag to containers.

- 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 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** that won't tip over (No plastic containers at State Fair) and of adequate size to display blooms. Any exhibit not in a clear glass container will be dropped one ribbon placing.



- Follow the guidelines in 4-H “Preparing Cut Flowers for Exhibits” 4H227 (revised 7/20/12) (Free Download - [http://4h.unl.edu/web/4hcurriculum/Preparing CutFlowers](http://4h.unl.edu/web/4hcurriculum/PreparingCutFlowers)) when preparing entries for the fair.

## **Cut Flower Annuals & Bi-Annuals Scoresheet SF106**

Youth must be enrolled in the World of Flowers and/or Annual Flowers projects to exhibit a maximum of FOUR (4) entries per person in classes 1-46 (cut flowers) and 50-53 (educational exhibits). Since cut flower are seasonal, youth may substitute and exhibit in any class, however, youth are still limited to four exhibits at State Fair. Exhibits are limited to ONE EXHIBIT PER EXHIBIT CLASS NUMBER. Entries must be the work of the 4-H member.

**G770001 - Aster**

**G770002 - Bachelor Buttons**

**G770003 - Bells of Ireland**

**G770004 - Browallia**

**G770005 - Calendula**

**G770006 - Celosia (crested or plume) (3 stems)**

**G770007 - Cosmos**

**G770008 - Dahlia**

**G770009 - Dianthus**

**G770010 - Foxglove**

**G770011 - Gladiolus (3 stems)**

**G770012 - Gomphrena**

**G770013 - Hollyhock (3 stems)**

**G770014 - Marigold**

**G770015 - Pansy**

- G770016 - Petunia**
- G770017 - Salvia**
- G770018 - Snapdragon**
- G770019 - Statice**
- G770020 - Sunflower** (under 3" diameter - 5 stems,  
3" or more in diameter - 3 stems)
- G770021 - Vinca**
- G770022 - Zinnia**
- G770023 - 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.

- G770030 - Achillea/Yarrow**
- G770031 - Chrysanthemum**
- G770032 - Coneflower**
- G770033 - Coreopsis**
- G770034 - Daisy**
- G770035 - Gaillardia**
- G770036 - Helianthus**
- G770037 - Hydrangea** (3 stems)
- G770038 - Liatris** (3 stems)
- G770039 - Lilies** (3 stems) (Not Daylilies)
- G770040 - Platycodon**
- G770041 - Rose** (3 stems)
- G770042 - Rudbeckia/Black-eyed Susan**
- G770043 - Sedum**
- G770044 - Statice**
- G770045 - Any other perennial** (under 3" diameter -  
5 stems, 3" or more in diameter - 3 stems)  
(do not duplicate entries in classes 30-43)

**G770046 - 4-H Flower Garden** Collection of 5 different flowers. Each flower in the collection should be exhibited with the number specified for classes 1-44. Display in a box or other holder not more than 18" in any dimension. Do not duplicate entries in classes 1-44 with any in the group collection.

### **Educational Exhibits**

**G770050 - Flower Notebook SF100** 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 and information used. The 4-H member's name, age, county, and years in the project (s) must be on the back of the

notebook.

**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.

**G770052 - Educational Flower 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 you have done or learned about in a 4-H flower 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.

**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.

## **Houseplants**

### **Scoresheet SF107**

#### **Pay Category 200**

All entries must be pre-entered on a General Entry Form at the York County Extension Office by the first Friday of July. All Exhibits will be judged on Wednesday of fair week in Ag Hall. Entries must receive a Purple ribbon at county fair and be selected to advance to State Fair.

Youth must be enrolled in the Growing Great Houseplants project to exhibit in classes 50-66. Youth may enter a maximum of THREE (3) entries in classes 50-53 (educational exhibits) and 60-66 (houseplants)

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. 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" (<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.

1. Entries in Classes 60-66 must have been designed and planted by the 4-H member.
2. **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. 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 NebGuide 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.**
3. Entries in Classes 60-66 must have been designed and planted by the 4-H member.
4. Any container plant, (flowering or foliage potted houseplants, dish gardens, fairy or miniature gardens, desert gardens, or terrariums) shall be in containers no larger than 12 inches (use inside opening measurement) in any dimension of length or width. No combination of pots may be used. All potted plants are to be in a one pot container. Any container grown plant in Classes 60-66 that does not follow these

guidelines will be dropped one ribbon placing.

4. Classes 60-65 exhibitors must have and provide a saucer to catch drainage water. The 4-H members name, age, county and years in the project(s) must be on the bottom or back of the container and saucer.

**G770060 - Flowering Potted Houseplant(s)** that are blooming for exhibition. Container may have one or more houseplants in container. Label variety or cultivar for each plant. Non-blooming plants will be disqualified.

**G770061 - Foliage Potted Houseplant** one variety of tropical or cacti or succulent plant.

**G770062 - Hanging Basket** of flowering and/or foliage houseplants. Container may have one or more houseplants in container. Label variety or cultivar for each plant. Label with name of plant

**G770063 - Dish Garden** - an open/shallow container featuring a variety of houseplants excluding cacti and succulents. Label variety or cultivar for each plant.

**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 variety or cultivar for each plant.

- G770065 - Desert Garden** - an open/shallow container featuring a variety cacti and/or succulents grown as houseplants. Label variety or cultivar for each plant.
- G770066 - Terrarium** - a clear container, partially or completely enclosed; sealed or unsealed. Label variety or cultivar for each plant.

### **Dorothy & Howard May**

Pay Category 200

The exhibits in classes 1-2 must be produced from plants / seeds picked up from the Extension Office.

**G775001 - Special Garden Project 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.

**G775002 - Special Gardening Project Fresh Cut Flowers or Harvested Vegetables SF106 or SF108**

The current years' Special Gardening Project fresh cut flowers or harvested vegetables should be entered in this class. Refer to classes 1-45 for quantity to exhibit if Special Gardening Project is a fresh cut flower. Refer to classes 201-252 for quantity to exhibit if Special Gardening Project is a vegetable.



## **County Only Classes SF108**

**G775901 - Jenny's Special Garden Project** current year's Garden Project picked by Jenny. Must be produced from plants / seeds picked up from the Extension Office. Fresh cut flowers or harvested vegetables should be entered in this class. Refer to classes 1-45 or 201-251 for quantity to exhibit.

**G775902 - Floral Arrangement Fresh Cut**  
flowers/foilage that youth arranges

**G775903 - Floral Arrangement Bought**  
flowers/foilage that youth arranges

**G775904 - Recycled or Re-Purposed Container.**  
Containers may consist of anything that has previously been used for something else. Examples include old wash tubs, wooded cola crates, shoes, coffee mugs, pans etc.

**G775905 - Hanging Basket** up to 12" diameter can be used for this project planted with annual flowers. Baskets may be for any light exposure

**G775906 - Small or Medium Container** - Small containers 8-12" diameter. Medium containers from 12-22" diameter. May be potted with any annual plants

**G775907 - Herb Garden** – 5 potted herbs in a small 8-12 inch diameter or medium 12-22 inch diameter pot. Herbs must be labeled with plant name and variety if known.

**Horticulture**  
**Scoresheet SF108**  
Pay Category 200

All entries must be pre-entered on a General Entry Form at the York County Extension Office by the first Friday of July. All Exhibits will be judged on Wednesday of fair week in Ag Hall. Entries must receive a Purple ribbon at county fair and be selected to advance to 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. 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.

**G773201 - Lima Beans 12**

**G773202 - Snap Beans 12**

**G773203 - Wax Beans 12**

**G773204 - Beets 5**

**G773205 - Broccoli 2**

**G773206 - Brussels Sprouts 12**

**G773207 - Green Cabbage 2**

**G773208 - Red Cabbage 2**

**G773209 - Carrots 5**

**G773210 - Cauliflower 2**

- G773211 - Slicing Cucumbers 2**
- G773212 - Pickling Cucumbers 5**
- G773213 - Eggplant 2**
- G773214 - Kohlrabi 5**
- G773215 - Muskmelon/Cantaloupe 2**
- G773216 - Okra 5**
- G773217 - Yellow Onions 5**
- G773218 - Red Onions 5**
- G773219 - White Onions 5**
- G773220 - Parsnips 5**
- G773221 - Bell Peppers 5**
- G773222 - Sweet (Non-Bell) Peppers 5**
- G773223 - Jalapeño Peppers 5**
- G773224 - Hot (Non-Jalapeño) Peppers 5**
- G773225 - White Potatoes 5**
- G773226 - Red Potatoes 5**
- G773227 - Russet Potatoes 5**
- G773228 - Other Potatoes 5**
- G773229 - Pumpkin 2**
- G773230 - Miniature Pumpkins (Jack B Little type) 5**
- G773231 - Radish 5**
- G773232 - Rhubarb 5**
- G773233 - Rutabaga 2**
- G773234 - Green Summer Squash 2**
- G773235 - Yellow Summer Squash 2**
- G773236 - White Summer Squash 2**
- G773237 - Acorn Squash 2**
- G773238 - Butternut Squash 2**
- G773239 - Buttercup Squash 2**
- G773240 - Other Winter Squash 2**
- G773241 - Sweet Corn (in husks) 5**
- G773242 - Swiss Chard 5**
- G773243 - Red Tomatoes (2" or more in diameter) 5**
- G773244 - Roma or Sauce-type Tomatoes 5**

- G773245 - Salad Tomatoes** (under 2" diameter) 12
- G773246 - Yellow Tomatoes** (over 2" in diameter) 5
- G773247 - Turnips** 5
- G773248 - Watermelon** 2
- G773249 - Dry Edible Beans** 1 pint
- G773250 - Gourds, mixed types** 5
- G773251 - Gourds, single variety** 5
- G773252 - Any other vegetable** 2, 5 or 12 (do not duplicate entries in classes 201-251) that doesn't fit in any other class.
- 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 from 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.
- 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. 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

### Scoresheet SF108

Pay Category 200

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 **clear glass container** of water (no plastic wrap with holes poked into it or frog lids. Containers may not be returned from State Fair. Potted herb plants will be disqualified and will not be judged.

**G773260 - Basil** 5

**G773261 - Dill (dry)** 5

**G773262 - Garlic (bulbs)** 5

**G773263 - Mint** 5

**G773264 - Oregano** 5

**G773265 - Parsley** 5

**G773266 - Sage** 5

**G773267 - Thyme** 5

**G773268 - Any other herb** 5 (do not duplicate entries in classes 260-267)

**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.

## Fruits

### Scoresheet SF108

Pay Category 200

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.

**G773280 - Strawberries** (everbearers) 1 pint

**G773281 - Grapes** 2 bunches

**G773282 - Apples** 5

**G773283 - Pears** 5

**G773284 - Wild Plums** 1 pint

**G773285 - Other small fruit or berries** 1 pint (do not duplicate entries in classes 280-284)

**G773286 - Other fruits OR nuts** 5 (do not duplicate entries in classes 280-284)

## Educational Exhibits

The 4-H member's name, age, county, and years in the project must be on the back of the poster, report cover or display for all entries in this area.

**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 attached 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.

**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-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 attached 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.

**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, county, and years in the project(s) must be on the back of the report cover.

**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 site references on where the scientific name information was found. Information on vegetable family members can be obtained from your Extension office. The 4-H member's name, age, county, and years in the project(s) must be on the back of the display.

**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-H member's name, age, county, and years in the project(s) must be on the back of the notebook.

## NOTES