

DEPARTMENT HORTICULTURE

DIVISION 770 - FLORICULTURE

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 1-45 (cut flowers) and 50-53 (educational exhibits). Exhibitors are limited to one exhibit per exhibit class number. Entries must be the work of the 4-H member. Notebooks and posters must receive a purple ribbon 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, office personnel or fair superintendents. For Floriculture, punch hole in the top center of entry tag, use a rubber band and 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, 44 & 45, do not duplicate entries with the classes listed by using other cultivars or variety, or entry will be dropped one ribbon placing. For example: 4-Hers 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 of that won't tip over (No plastic containers at State Fair) 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.

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

G770-001* Aster

G770-002* Bachelor Buttons

G770-003* Bells of Ireland

G770-004* Browallia

G770-005* Calendula

G770-006* Celosia (crested or plume) 3 stems

G770-007* Cosmos

G770-008* Dahlia

G770-009* Dianthus

G770-010* Foxglove

G770-011* Gladiolus (3 stems)

G770-012* Gomphrena

G770-013* Hollyhock (3 stems)

G770-014* Marigold

G770-015* Pansy

G770-016* Petunia

G770-017* Salvia

G770-018* Snapdragon

G770-019* Statice

G770-020* Sunflower (under 3" diameter - 5 stems; 3" or more in diameter - 3 stems)

G770-021* Vinca

G770-022* Zinnia

G770-023* Any other annual or biennial (under 3" diameter – 5 stems; 3" or more in diameter - 3 stems) (do not duplicate entries in classes 1-22)

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

G770-030* Achillea/Yarrow

G770-031* Chrysanthemum

G770-032* Coneflower

G770-033* Coreopsis

G770-034* Daisy

G770-035* Gaillardia

G770-036* Helianthus

G770-037* Liatris (3 stems)

G770-038* Lilies (3 stems) (Not Daylilies)

G770-039* Platycodon

G770-040* Rose (3 stems)

G770-041* Rudbeckia/Black-eyed Susan

G770-042* Sedum

G770-043* Statice

G770-044* Any other perennial (Under 3" diameter-5 stems; 3" or more in diameter-3 stems) (do not duplicate entries in classes 30-42)

G770-045* 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:

G770-050* Flower Notebook - Exhibit a notebook containing pictures of flowers grown in Nebraska. There must be at least 10 different species of annuals and/or biennials and 10 different species of perennials hardy to Nebraska. 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.

G770-051* 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, county, and years in the project must be on the back of the poster.

G770-052* 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 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.

G770-053* Flower Gardening History Interview - neatly handwritten or typed account of a gardening history interview whose flower garden has inspired you. Maximum of 4 pages of text and 2 pages of pictures (include 1 picture of the person you interviewed) of their flower garden if the individual is still gardening. Protect with a clear report cover. The 4-H member's name, age, county, and years in the project(s) must be on the back of the report cover.

HOUSEPLANTS: Youth must be enrolled in the **Growing Great Houseplants** project to exhibit in classes 60-66. Youth may enter a maximum of 3 entries in classes 50-66, but each entry must receive a purple ribbon to advance to 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 6 weeks. Plants grown as houseplants must be used. NebGuide G2205 "Guide to Growing Houseplants" (<http://extensionpublications.unl.edu/assets/html/g2205/builg/g2205.htm>) and NebGuide G837 "Guide to Selecting Houseplants" (<http://extensionpublications.unl.edu/assets/html/gi37/builg/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 receive a purple ribbon to advance to 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, county, and years in the project(s) must be on the bottom or back of the container and saucer.

G770-060* Flowering potted houseplant(s) that are blooming for exhibition. Non-blooming plants will be disqualified.

G770-061* Foliage potted houseplant(s) of all the same variety.

G770-062* Hanging basket of flowering and/or foliage houseplants.

G770-063* Dish garden - an open/shallow container featuring a variety of houseplants excluding cacti and succulents.

G770-064* Fairy or Miniature garden - A miniature "scene" contained in an open container and featuring miniature or small, slow growing houseplants. The garden needs to have an imaginative theme and miniature accessories, i.e., bench, fence made from tiny twigs, small shell for a bath tub, etc.

G770-065* Desert garden - an open/shallow container featuring cacti and/or succulents grown as houseplants.

G770-066* Terrarium - a transparent container, partially or completely enclosed; sealed or unsealed.

G770-901 Any other county only project.

DIVISION 773 - VEGETABLES, HERBS, FRUITS & EDUCATIONAL EXHIBITS:

Exhibitors are limited to one exhibit per exhibit class number. Entries must be the work of the 4-H member. Notebooks and posters must receive a purple ribbon 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, office personnel or fair superintendents. Exhibits entered under an incorrect class number or containing an incorrect number of vegetables will be dropped one ribbon placing.

Follow the guidelines in "[Selecting and Preparing Vegetables, Herbs and Fruits for Exhibit](http://4h.unl.edu/web/4hcurriculum/preparingvegetables herbs and fruit)" 4H 226 (revised June 2013) Free download – <http://4h.unl.edu/web/4hcurriculum/preparingvegetables herbs and fruit>) when preparing entries for the fair. The numbers to exhibit is in parenthesis behind the class name. In classes 252, 255, 268, 269, 285, 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-Hers 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.

- G773-201* Lima Beans (12)
- G773-202* Snap Beans (12)
- G773-203* Wax Beans (12)
- G773-204* Beets (5)
- G773-205* Broccoli (2)
- G773-206* Brussels Sprouts (12)
- G773-207* Green Cabbage (2)
- G773-208* Red Cabbage (2)
- G773-209* Carrots (5)
- G773-210* Cauliflower (2)
- G773-211* Slicing Cucumbers (2)
- G773-212* Pickling Cucumbers (5)
- G773-213* Eggplant (2)
- G773-214* Kohlrabi (5)
- G773-215* Muskmelon/Cantaloupe(2)
- G773-216* Okra (5)
- G773-217* Yellow Onions (5)
- G773-218* Red Onions (5)
- G773-219* White Onions (5)
- G773-220* Parsnips (5)
- G773-221* Bell Peppers (5)
- G773-222* Sweet (Non-Bell) Peppers (5)
- G773-223* Jalapeno Peppers (5)
- G773-224* Hot (Non-Jalapeno) peppers (5)
- G773-225* White Potatoes (5)
- G773-226* Red Potatoes (5)
- G773-227* Russet Potatoes (5)
- G773-228* Other Potatoes (5)
- G773-229* Pumpkin (2)
- G773-230* Miniature Pumpkins (Jack Be Little type) (5)
- G773-231* Radish (5)
- G773-232* Rhubarb (5)
- G773-233* Rutabaga (2)
- G773-234* Green Summer Squash (2)
- G773-235* Yellow Summer Squash (2)
- G773-236* White Summer Squash (2)
- G773-237* Acorn Squash (2)
- G773-238* Butternut Squash (2)
- G773-239* Buttercup Squash (2)
- G773-240* Other Winter Squash (2)
- G773-241* Sweet Corn (in husks) (5)
- G773-242* Swiss Chard (5)
- G773-243* Red Tomatoes (2" or more in diameter) (5)
- G773-244* Roma or Sauce-type Tomatoes (5)
- G773-245* Salad Tomatoes (under 2" in diameter) (12)
- G773-246* Yellow Tomatoes (2" or more in diameter) (5)
- G773-247* Turnips (5)
- G773-248* Watermelon (2)
- G773-249* Dry Edible Beans (1 pint)
- G773-250* Gourds, mixed types (5)
- G773-251* Gourds, single variety (5)
- G773-252* Any other vegetable 2, 5 or 12 (do not duplicate entries in classes 201-251) that doesn't fit in any other class

G773-255* 4-H Vegetable Garden Collection of five different kinds of vegetables. Display Garden Collection in a box not more than 24" in any dimension. Showmanship will be considered in judging, but plastic grass, cotton, figurines, etc. should not be used in exhibit boxes. Each vegetable in the collection should be exhibited with the number specified for individual classes (201 - 251). Do not duplicate entries in classes 201 - 252 with any in this group collection.

G773-256* 4-H Cultivar Vegetable Collection. Vegetables entered in the collection are 5 cultivars from a single exhibit; for example 5 cultivars of all types of peppers 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.

G773-901 Any other county only exhibit.

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 container of water. Number to be exhibited is in parenthesis behind class name. Potted herb plants will be disqualified and will not be judged.

G773-260* Basil (5)

G773-261* Dill (dry) (5)

G773-262* Garlic (bulbs) (5)

G773-263* Mint (5)

G773-264* Oregano (5)

G773-265* Parsley (5)

G773-266* Sage (5)

G773-267* Thyme (5)

G773-268* Any other herb (5) (do not duplicate entries in classes 260-267)

G773-269* **4-H Herb Garden Display** of 5 different herbs. Displayed in a box or other holder not more than 18" in any dimension.

Each herb in the collection should be exhibited with the number specified for classes 260 - 268. Do not duplicate entries in classes 260 – 268 with any in the group collection.

G773-902 Any other county only exhibit

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. Number of each to be exhibited is indicated in parenthesis behind the class name.

G773-280* Strawberries (everbearers) (1 pint)

G773-281* Grapes (2 bunches)

G773-282* Apples (5)

G773-283* Pears (5)

G773-284* Wild Plums (1 pint)

G773-285* Other small fruit or berries (1 pint) (do not duplicate entries in classes 280-284)

G773-286* Other fruits OR nuts (5) (do not duplicate entries in classes 280-284)

G773-903 Any other county only exhibit

EDUCATIONAL EXHIBITS

G773-290* **Garden Promotion Poster** - individual poster promoting vegetable or herb gardening - size 14" x 22" either vertical or horizontal arrangement. Poster may be in any medium so long as it is not 3- dimensional. Posters using copyrighted material will not be accepted. 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.

G773-291* **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, county, and years in the project(s) must be on the back of the poster.

G773-292* **Vegetable and/or Herb Gardening History Interview** - neatly handwritten or typed account of a gardening history interview of someone whose vegetable or herb garden has inspired you. Maximum of 4 pages of text and 2 pages of pictures (include 1 picture of the person you interviewed) of their garden 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.

G773-293* **Vegetable Seed Display** - each display must include seeds representing the following families: Cucurbit, Brassica (cabbage), Solanaceous (nightshade), and legume (pea) families plus representatives from 5 other families. Group the seeds by family and type. Glue seeds or otherwise fasten clear containers of seeds to a board or poster mat board no larger than 22" x 24". Label each group and each individual vegetable type with the common and scientific names. Use only one variety or cultivar of each vegetable, except for beans where several examples of beans may be shown. Attach a label to the back of the display explaining why it is important to know which vegetables are related, and cite references on where the scientific name information was found. On the back, label with the 4-H'ers name, age, county and years in the project(s). Information on vegetable family members can be obtained from your extension office.

G773-294 * **World of Vegetables Notebook** - Choose a favorite foreign cuisine and learn what vegetables and/or herbs are common to it (e.g. Mexican, African, Chinese, Italian, etc.). Include a 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 a 3-ring notebook. The 4-H member's name, age, county, and years in the project(s) must be on the back of the report cover or notebook.

DIVISION 775 – SPECIAL GARDEN PROJECT -

Delft Blue Nigella is named for the famous Dutch Delft blue pottery. They have unique 1 ½ - 2" flowers with blue splashes on flower petals in varying shades of blue and gray, and intricate deep-purple center. Unusual seed pods are also used in fresh or dried arrangements.

G775-001* Special Garden Project Educational Exhibit Class G775-001. Educational exhibit based on what was learned from the project. Present information on a poster 14"x22" 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.

Examples of projects that could fit in this class:

Picture/Photograph – This class is up to you, as long as it includes the Delft Blue Nigella and what you learned! Please include an 8" x 10" picture/photo mounted on 14" x 22" poster board with a caption.

Story – Tell a story about your first experience with Delft Blue Nigella: growing, picking or drying. Be sure to include a picture(s)/photographs(s).

Essay – Write an essay about what you've learned about Delft Blue Nigella and growing them. Be sure to include things you would change next time and a picture(s)/photographs.

G775-002* Special Garden Project Fresh Cut Flowers or Harvested Vegetables. The current years' Special Garden Project fresh cut flowers or harvested vegetables should be entered in this class.

--Bring 5 cut flowers following the guidelines in the publication '4-H Preparing Cut Flowers for Exhibits' 4H227 (rev 2016)

<https://unl.box.com/s/2f3a785c67p7ghgaservp6gu6adf3ugon> The desirable traits the judge is looking for are flowers that are at the same maturity and uniform in size. Avoid selecting flowers that are damaged by insects, misshapen or fading.

G775-901 County Only Exhibits: Examples of exhibits that could fit in this class:

Poem – Write a poem about some aspect of the Delft Blue Nigella: growing, picking the flowers or seed pods, insects it attracts, the choice is yours! Exhibit in a clear plastic report cover.

Choice – Your choice of a project, but be sure it includes something about Delft Blue Nigella.

DIVISION 777 – LANDSCAPE: GROW A BEAUTIFUL SPACE

G777-401* Grow a Beautiful Space Unit 1 Portfolio Notebook - 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. The 4H member's name, age, county, and years in the project(s) must be on the back of the notebook.

G777-402* Establish Landscape Analysis Poster - Take multiple photographs of a landscape that has been established for 10 or more years. Critique the landscape based on each of the design principles (order, unity, rhythm, balance, scale or proportion, and emphasis). Describe the spatial definition of the landscape and what different areas of the landscape "feel like". Include photos taken to support your critique. Describe what changes need to be made in the landscape to improve its characteristics and sense of space. Display on a poster mat board no larger than 22" x 28". Entry card must be stapled to the upper right hand corner. The 4H member's name, age, county, and years in the project(s) must be on the back of the poster.

G777-403* Grow a Beautiful Space Unit 2 Portfolio Notebook - Create and complete 'Landscape Plants & Materials' Unit 2 Portfolio, 4H6120P. Present portfolio information in a three ring binder. Give proper credit by listing the sources of photographs/images and information used. The 4H member's name, age, county, and years in the project(s) must be on the back of the notebook.

G777-404* Landscape Renovation Poster - Take multiple photographs of a landscape that doesn't quite look right because it doesn't reflect sound design principles. Select a landscape in which you can make at least three design recommendations. Identify how the design principles (order, unity, rhythm, balance, scale or proportion, and emphasis) could be better integrated into the landscape, and how plants or materials with specific features (size, form, color, or texture) could improve the space. Reduce the opaqueness of the images to 50-60 percent and sketch plants, structures, materials, and/or amenities that could improve the overall design over the original images. The poster should include the original image(s) and improved image(s), and include a short explanation of how the landscape design was improved. Display on a poster mat board no larger than 22" x 28". Entry card must be stapled to the upper right hand corner. The 4H member's name, age, county, and years in the project(s) must be on the back of the poster.

G777-405* Estimating Dreams Poster - Select a dream landscape as if money is not a consideration. Develop a plan drawing of the landscape. Draw landscape to scale. Identify the types of plants, structures, and amenities used in the landscape. Research the cost of the plants and amenities and the installation. Include the general cost of grading (if needed) and labor that could be associated with installation. Create a list, noting the plants that are included in the space. The quantities of plants and the structures, materials, or amenities and their cost should be included. Calculate the final total estimate. The poster should include the scale drawing of the landscape, identification of plants, structures and amenities, and cost and labor. Display on a poster mat board no larger than 22" x 28". Entry card must be stapled to the upper right hand corner. The 4H member's name, age, county and years in the project(s) must be on the back of the poster.

G777-406* Site Inventory & Analysis Poster - Make an unscaled drawing of the landscape you inventoried and analyzed. Develop two drawings: a site inventory and a site analysis. The site inventory and site analysis should be communicated through a combination of written notes, graphics symbols and photographs. Display on a poster mat board no larger than 22" x 28". Entry card must be stapled to the upper right hand corner.
The 4H member's name, age, county, and years in the project(s) must be on the back of the poster.

G777-407* Community Landscape Poster - Identify a local community space (park, nursing home, school, county fairgrounds, etc.) that needs some landscape improvements. Work through the design process and develop a detailed plan of your improvements to the space. The plan should include design principles, functional and aesthetic factors, list of plants and materials and their costs, budget for materials, labor you have available for the project, and a timeline. Take photographs of the area and draw over the photos to illustrate your final ideas. Include photographs of the finished landscape if project ideas were carried out. Display on a poster mat board no larger than 22" x 28". Entry card must be stapled to the upper right hand corner. The 4H member's name, age, county and years in the project(s) must be on the back of the poster.

G777-408* Renovate The Outdoors Portfolio - Select a space that you would like to redesign. The space can be at your home, a family member's or friend's house, or somewhere in your community. Develop a scaled base map of the site and locate the existing plants and structures in the landscape. Take photographs of the landscape. Evaluate the physical properties of the site and conduct an interview with the people who live there or use the space. Think about how you would change the space and develop a plan that would implement design elements into the space. Create different drawings that will move you through the design process. You will draw concept diagrams, form compositions, preliminary drawings, and the final design. Once the final design drawing is complete, use overlays on the original photographs to show how the landscape will look compared to how it looked in the photo you originally took of the landscape. Place photographs, interview notes, concept and program statements and drawings in a portfolio. The 4H member's name, age, county and years in the project(s) must be on the back of the portfolio.