

HORTICULTURE

Division 770: Floriculture and Houseplants

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 and 50-53. Exhibits are limited to one per class number. The cultivar (variety) name must be included on all entry cards. Failure to identify the cultivar will drop the entry one ribbon placing. Proper identification is the responsibility of the exhibitor not the Extension staff or fair volunteers.

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 entry will be dropped one ribbon placing. For example: 4-H'ers with two cultivars 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 (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 Exhibit (<http://4h.unl.edu/preparingcutflowers>).

CUT FLOWER ANNUALS AND BIENNIALS - 5 stems of a single variety (cultivar) unless otherwise noted in parenthesis.

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

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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 Liatris (3 stems)
G770038 Lilies (3 stems) (Not Daylilies)
G770039 Platycodon
G770040 Rose (3 stems)
G770041 Rudbeckia/Black-eyed Susan
G770042 Sedum

G770043 Statice
G770044 Any other perennial (under 3" diameter - 5 stems, 3" or more in diameter - 3 stems) do not duplicate entries in classes 30-43
G770045 4-H Flower Garden Collection of 5 different flowers. Display in a box or other holder not more than 18" in any dimension. 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

EDUCATIONAL EXHIBITS

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 and 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.

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.

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 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, full address, county, and years in the project(s) must be on the back of the poster.

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.

HOUSEPLANTS

Youth must be enrolled in the Houseplants project to exhibit in classes 60-66. Youth may enter a maximum of THREE (3) entries in classes 50-66. 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://extensionpubs.unl.edu/publication/9000016368872/guide-to-growing-houseplants/>) and NebGuide G837 "Guide to Selecting Houseplants" (<http://extensionpubs.unl.edu/publication/9000016361731/guide-to-selecting-houseplants/>) may be helpful resources and include a listing of common houseplants. Containers of annual flowers or annual plants (i.e. petunies, geraniums, impatiens) will be disqualified and will not be judged. Entries in Classes 60-66 must have been designed and planted by the 4-H member. Container grown houseplants shall be in pots no greater than 12" in diameter (inside opening measurement). Dish gardens, fairy or miniature gardens, desert gardens and terrariums may be up to 12" in diameter (inside opening measurement). Any container grown plant in Classes 60-66 that is greater than 12" in diameter (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 member's name, age, full address, county, and years in the project(s) must be on the bottom or back of the container and saucer.

G770060 Flowering potted houseplant that is blooming for exhibition. Non-blooming plants will be disqualified.

G770061 Foliage potted houseplant(s) of all the same variety.

G770062 Hanging basket of flowering and/or foliage houseplants.

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

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.

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

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

Division 773: Vegetables, Herbs and Fruits

An exhibitor may enter a maximum of FOUR (4) entries per person in classes 201-294. Exhibits are limited to one exhibit per exhibit class number. 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 fair volunteers. 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"

<http://4h.unl.edu/4hcurriculum/preparingvegetabesherbandsfruit>

Class Vegetable (# to Exhibit)

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 Be 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)

Class Vegetable (# to Exhibit)

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 (2" or more 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 that doesn't fit in any other class (2, 5 or 12) do not duplicate entries in classes 201-251
G773255 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.
G773256 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 class (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.

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 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.

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

G773290 Garden Promotion Poster - Individual poster promoting vegetable or herb gardening, size 14"x22" either vertical or horizontal arrangement. Poster may be in any medium so long as it is not 3-dimensional. Posters using copyrighted material will not be accepted. Entry card must be stapled to the upper right hand corner. The 4-H member's name, age, full address, county, and years in the project(s) must be on the back of the poster.

G773291 Educational Vegetable or Herb Garden Poster - Prepare a poster 14"x22"x2" (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.

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 4 pages of text and 2 pages of pictures (include 1 picture of the person you interviewed) of their garden if the individual is still gardening. Protect with a clear report cover. The 4-H member's name, age, full address, county, and years in the project(s) must be on the back of the report cover.

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 clear containers of seeds to a board or poster mat board no larger than 22"x24". 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.

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. 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, full address, county, and years in the project(s) must be on the back of the report cover or notebook.

Division 775: Special Garden Project

Youth must be enrolled in the current year's Special Garden Project to exhibit. Cut flowers or vegetables should be entered in the appropriate class listed on previous pages.

G775001 Special Garden Project 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, full address, and county must be on the back of the poster or report cover.

Division 777 – Landscape: Grow a Beautiful Space

4-H member's name, age, full address, county and years in the project(s) must be printed on the back of any exhibit. Posters should be on poster mat board no larger than 22"x28".

G777401 Unit 1 Portfolio Notebook completed "Landscape Professionals & Design Principles" Unit 1 Portfolio presented in a 3-ring binder. Give proper credit by listing the sources of photographs/images and information used.

G777402 Established Landscape Analysis Poster 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.

G777403 Unit 2 Portfolio Notebook completed "Landscape Plants & Materials" Unit 2 Portfolio presented in a 3-ring binder. Give proper credit by listing the sources of photographs/images and information used.

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 a 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 images(s) and improved image(s), and a short explanation of how the landscape was improved.

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. Research the cost of 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. Poster should include the scale drawing of the landscape, identification of plants, structures and amenities, and cost and labor.

G777406 Site Inventory and Analysis Poster develop two unscaled drawings: a site inventory and a site analysis of a landscape you inventoried and analyzed. The site inventory and site analysis should be communicated through a combination of written notes, graphics symbols and photographs.

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.

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 drawing 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.