

# Horticulture

## Department G

Kristin Kesterson  
Jr. Superintendent:

### Division G773, Vegetables, Herbs & Fruits

Vegetables, Herbs and Fruits will be judged according to 4-H 226. Exhibits are limited to **one exhibit per exhibit class number**. 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. Exhibits entered under an incorrect class number or containing an incorrect number of vegetables will be dropped one ribbon placing. Score Sheet SF 108.

Follow the guidelines in 4-H 226 when preparing entries for the fair.

Vegetables	#'s 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-Jalapeno) 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
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 2, 5 or 12 (do not duplicate entries in classes G773201-G7732251) 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 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 (G773201-G773252). Do not duplicate entries in classes G773201-2G773252 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, squash, onions, 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. Score Sheet SF 108.

G773260*	Basil
G773261*	Dill (dry)
G773262*	Garlic (bulbs)
G773263*	Mint
G773264*	Oregano
G773265*	Parsley
G773266*	Sage
G773267*	Thyme
G773268*	Any other herb
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 G773260-G773268. Do not duplicate entries in classes G773260-G773268 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. Score SF 108.

G773280*	Strawberries (everbearers)
G773281*	Grapes
G773282*	Apples
G773283*	Pears
G773284*	Wild Plums
G773285*	Other small fruit or berries
G773286*	Other fruits OR nuts

### Educational Exhibits

G773290*	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 staples to the upper right hand corner. The 4-H member's name, age, full address, county, and years in the project(s) must be on the back of the poster. Score Sheet SF 103.
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. Score Sheet SF 104.

- G773292\* Vegetable and/or Herb Gardening History Interview-Neatly handwritten or typed account of a gardening history interview 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 or small 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. Score Sheet SF 105.
- 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" 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. On the back, label with the 4-H'ers name, age, full address, county, and years in the project(s). Information on vegetable family members can be obtained from your extension office. Score Sheet SF 101.
- 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. 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. Score Sheet SF 102.
- G773299 Other Plant Science Exhibit. Not eligible for State Fair or County Awards. Must meet guidelines in Project Manual.

# Floriculture

## Department G

Superintendent – Kristin Kesterson  
Jr. Superintendent -

Youth must be enrolled in the World of Flowers and/or Annual Flowers projects to exhibit a maximum of 4 entries per person in G770001-G770044 (cut flowers) and G770050-G770053 (notebooks and posters). Exhibits are limited to ONE EXHIBIT PER EXHIBIT CLASS NUMBER. Entries 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, 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. 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.

Cut Flowers: 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 glass containers of a neutral color that won't tip over and of adequate size to display blooms. Score Sheet SF 106

### Division G770, Floriculture

**Annuals and biennials** - 5 stems of a single variety (cultivar) unless otherwise noted in parenthesis.

- 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)

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

- G770030\* Achillea / Yarrow
- G770031\* Chrysanthemum
- G770032\* Coreopsis
- G770033\* Daisy
- G770034\* Gaillardia
- G770035\* Helianthus
- G770036\* Liatris (3 stems)
- G770037\* Platycodon
- G770038\* Purple coneflower

- G770039\* Rose (3 stems)
- G770040\* Rbeckia/Black-eyed Susan
- G770041\* Sedum
- G770042\* Statice
- G770043\* Any other perennial (under 3" diameter - 5 stems, 3" or more in diameter - 3 stems) (do not duplicate entries in classes 30-42)
- G770044\* 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 1-43. Do not duplicate entries in classes 1-43 with any in the group collection.

### **Notebooks & Posters**

- 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. The notebook must be the result of the current year's work. Continued projects must add at least 10 different species of annuals and/or biennials and 10 different species of perennials every year. 4-Hers 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. Score Sheet SF100.
- 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 staples to the upper right hand corner. The 4-H member's name, age, full address, county, and years in the project(s) must be on the back of the poster. Score Sheet SF 103.
- 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 horticulture project manuals, but use your own creativity. Entry card must be staples to the upper right hand corner. The 4-H member's name, age, full address, county, and years in the project(s) must be on the back of the poster. Score Sheet SF 104.
- 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 or small 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. Score Sheet SF 105.

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 50-65.

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 the display container for a minimum of six weeks. Entries in Classes G770063-G770065 must have been designed and planted by the 4-H member. Container grown plants must have received a purple ribbon at the county fair to be exhibited at the State Fair. Container grown plants shall be in pots no greater than 10" in diameter and weigh no more than 10 pounds. Dish and desert gardens may be up to 12" in diameter but not more than 10 pounds. Terrariums may not weigh over 10 pounds. Any container grown plant in G770060-G770065 that weighs over 10 pounds will be disqualified and will not be judged. G770060-G770064 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.

- G770060\* Flowering potted plants(s) that are blooming for exhibition. Non-blooming plants will be disqualified.
- G770061\* Foliage potted plant(s) of all the same variety.
- G770062\* Hanging basket of flowering and/or foliage plants.
- G770063\* Dish garden - an open container featuring a variety of plants excluding cacti and succulents.
- G770064\* Desert garden - an open container featuring cacti and/or succulents.
- G770065\* Terrarium - a transparent container, partially or completely enclosed; sealed or unsealed.