

# PLANT SCIENCE DEPARTMENT G

## DEPARTMENT G - FLORICULTURE

Premium Schedule A

Collection (45) Premium Schedule B

*Youth must be enrolled in the World of Flowers and/or Annual Flowers projects to exhibit a maximum of 4 entries per person in classes 1-45 (cut flowers) and 50-53 (educational exhibits).* 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. Additional entries may be made in the county only exhibits (listed as class 900 - 911). **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 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. In classes 23, 44 & 45 do not duplicate entries with the classes listed by using other cultivars or varieties, or entry will be dropped one ribbon placing. For example: 4-H'ers with two cultivars or varieties of marigolds can only enter the marigold class and cannot enter the other cultivar or variety in any other class. A perennial is defined as a plant of which the crown overwinters. An annual is a plant that grows from seed each season, whether self-seeded or planted by the gardener. A biennial is a plant that germinates, grows and overwinters as a crown, blooms the following year and dies. Foliage will be considered when exhibit is judged.

All 3 or 5 stems of cut flowers should be the same cultivar and color, do not mix cultivars and colors. Containers will not be judged; however, they should be glass containers of a neutral color that won't tip over and of adequate size to display

Follow the guidelines in 4-H "Preparing Cut Flowers for Exhibits" 4H227 (Revised 2016) (free download-<https://unl.box.com/s/2f3a785c67p7qhgasevp6qu6adf3ugon>) when preparing entries for the fair.

### ANNUALS & BIENNIALS

Department G - Section 770

5 stems of a single variety (cultivator) unless otherwise noted in parenthesis.

- \*1. Aster
- \*2. Bachelor Buttons
- \*3. Bells of Ireland
- \*4. Browallia
- \*5. Calendula
- \*6. Celosia (crested or plume) (3 stems)
- \*7. Cosmos
- \*8. Dahlia
- \*9. Dianthus
- \*10. Foxglove
- \*11. Gladiolus (3 stems)
- \*12. Gomphrena
- \*13. Hollyhock (3 stems)
- \*14. Marigold
- \*15. Pansy
- \*16. Petunia

- \*17. **Salvia**
- \*18. **Snapdragon**
- \*19. **Statice**
- \*20. **Sunflower** (under 3" diameter-5 stems, 3" or more in diameter-3 stems)
- \*21. **Vinca**
- \*22. **Zinnia**
- \*23. **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) blooms.

## PERENNIALS

Department G - Section 770

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

- \*30. **Achillea / Yarrow**
- \*31. **Chrysanthemum**
- \*32. **Coneflower**
- \*33. **Coreopsis**
- \*34. **Daisy**
- \*35. **Gaillardia**
- \*36. **Helianthus**
- \*37. **Liatris** (3 stems)
- \*38. **Lilies** (3 stems) (Not Daylilies)
- \*39. **Platycodon**
- \*40. **Rose**
- \*41. **Rudbeckia/Black-eyed Susan**
- \*42. **Sedum**
- \*43. **Statice**
- \*44. **Any other perennial** (under 3" diameter - 5 stems, 3" or more in diameter - 3 stems) (do not duplicate entries in classes 30-42)
- \*45. **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. (State Fair instructions. Boxes will not be returned at State Fair). Do not duplicate entries in classes 1-44 with any in the group collection.

County Exhibit Only:

- 901. **Arranged Bouquet** (grown and arranged by exhibitor)

## EDUCATIONAL EXHIBITS

Department G - Section 770

Premium Schedule A

- \*50. **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-Her's 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, years in the project(s), full address and county must be on the back of the notebook.*
- \*51. **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 & years in project must be on the back of the poster.*

- \*52. **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, full address, county, and years in the project(s) must be on the back of the poster.*
- \*53. **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 projects must be on the back of the report cover.*

### CONTAINER GROWN PLANTS

Department G - Section 770

Premium Schedule A

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

Container Grown Houseplants: The choice of container and soil quality will be considered in judging. Each houseplant must be identified by listing the names on the entry tag or on a card attached to the container. Houseplants should be grown in the display container for a minimum of six weeks. Plants grown as houseplants must be used. NebGuide G2205 Guide to Growing Houseplants (<http://extensionpublications.unl.edu/assets/html/g2205/build/g2205.htm>) and NebGuide G837 "Guide to Selecting Houseplants" (<http://extensionpublications.unl.edu/assets/html/g837/build/g837.htm>) includes a listing of common houseplants found in Nebraska. Containers of annual flowers or annual plants (i.e. petunias, geraniums, impatiens), will be disqualified and will not be judged.

Entries in Classes 60-65 must have been designed and planted by the 4-H member. **Container grown houseplants must have received a purple ribbon at the county fair to be exhibited at the State Fair.**

Container grown houseplants shall be in pots no greater than 12" in diameter (inside opening measurement). Dish gardens, fairy or miniature gardens, desert gardens and terrariums may be up to 12" in diameter (inside opening measurement). Any container grown plant in Classes 60-65 that is greater than 12" in diameter (inside opening measurement) will be dropped one ribbon placing. Classes 60-65 exhibitors must have and provide a saucer to catch drainage water. *The 4-H members name, age, full address, county, and years in project must be on the bottom or back of the container and saucer.*

- \*60. **Flowering potted houseplant(s)** - that are blooming for exhibition. Non-blooming plants will be disqualified.
- \*61. **Foliage potted houseplant(s)** - of all the same variety
- \*62. **Hanging basket of flowering and/or foliage houseplants**
- \*63. **Dish garden** - an open/shallow container featuring a variety of plants excluding cacti and succulents grown as houseplants.
- \*64. **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.
- \*65. **Desert garden** - an open/shallow container featuring cacti and/or succulents grown as houseplants.
- \*66. **Terrarium** - a transparent container, partially or completely enclosed; sealed or unsealed.

VEGETABLES, HERBS & FRUITS & EDUCATIONAL EXHIBITS

DEPARTMENT G - SECTION 773

Premium Schedule A

Collection - Premium Schedule B

Must be enrolled in The Everyone A gardener project and/or Gardening Unit 1-4.

An exhibitor may enter a maximum of FOUR (4) entries in classes 210-294. Exhibits are limited to ONE EXHIBIT PER EXHIBIT CLASS NUMBER. Notebooks and posters must have received a purple ribbon the county fair to advance to the state Fair.

Additional entries may be made in the county only exhibits, (listed as class 900 - 911).

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 personnel. Exhibits entered under an incorrect class number or containing an incorrect number of vegetables will be dropped one ribbon placing. In classes 252,255,268, 269, 285 and 286 do not duplicate entries with the classes listed by using other cultivars or varieties or entry will be dropped one ribbon placing. For example: 4-H'ers with two cultivars or varieties of red tomatoes can only enter the red tomatoes class and cannot enter the other cultivar or variety in any other vegetable class.

Follow the guidelines in "Selecting and Preparing Vegetables, Herbs and Fruits for Exhibit" 4H226 (revised June 2013) (Free download <http://4h.unl.edu/4hcurriculum/preparingvegetabesherssandfruit>) when preparing entries for the fair. Entries should be exhibited on throw-away plates. There will be plates available at the fair entry area.

Class	Vegetable	# to Exhibit
*201.	Lima Beans.....	12
*202.	Snap Beans.....	12
*203.	Wax Beans.....	12
*204.	Beets.....	5
*205.	Broccoli.....	12
*206.	Brussels Sprouts.....	12
*207.	Green Cabbage.....	2
*208.	Red Cabbage.....	2
*209.	Carrots.....	5
*210.	Cauliflower.....	2
*211.	Slicing Cucumbers.....	2
*212.	Pickling Cucumbers.....	5
*213.	Eggplant.....	2
*214.	Kohlrabi.....	5
*215.	Muskmelon/Cantaloupe.....	2
*216.	Okra.....	5
*217.	Yellow Onions.....	5
*218.	Red Onions.....	5
*219.	White Onions.....	5
*220.	Parsnips.....	5
*221.	Bell Peppers.....	5
*222.	Sweet (Non-Bell) Peppers.....	5
*223.	Jalapeño Peppers.....	5
*224.	Hot (Non-Jalapeno) Peppers.....	5
*225.	White Potatoes.....	5

- \*226. Red Potatoes..... 5
- \*227. Russet Potatoes ..... 5
- \*228. Other Potatoes..... 5
- \*229. Pumpkin ..... 2
- \*230. Miniature Pumpkins (Jack Be Little Type) 5
- \*231. Radish ..... 5
- \*232. Rhubarb..... 5
- \*233. Rutabaga ..... 2
- \*234. Green Summer Squash ..... 2
- \*235. Yellow Summer Squash..... 2
- \*236. White Summer Squash..... 2
- \*237. Acorn Squash ..... 2
- \*238. Butternut Squash ..... 2
- \*239. Buttercup Squash..... 2
- \*240. Other Winter Squash..... 2
- \*241. Sweet Corn (in husks)..... 5
- \*242. Swiss Chard ..... 5
- \*243. Red Tomatoes (2" or more in diameter) .5
- \*244. Roma or Sauce-type tomatoes ..... 5
- \*245. Salad Tomatoes (under 2" diameter) ..... 12
- \*246. Yellow Tomatoes (2" or more in diameter) 5
- \*247. Turnips ..... 5
- \*248. Watermelon ..... 2
- \*249. Dry Edible Beans ..... 1 pint
- \*250. Gourds, mixed types ..... 5
- \*251. Gourds, single variety..... 5
- \*252. Any other vegetable ..... 2, 5 or 12  
(do not duplicate entries in classes 201-251) vegetable that doesn't fit in any other class.
- \*255. 4-H Vegetable Garden Collection of five 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 class (201-252). Do not duplicate entries in classes 201-252 with any in the group collection.
- \*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. 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)

**County Exhibits Only:**

4-H'ers enrolled in Horticulture may enter one item per class number (class 900-911). No limit on number of classes they may enter

- 900. Largest Potato
- 901. Oddest Shaped Potatoes
- 902. Oddest Shaped Carrot
- 903. Largest Cabbage
- 904. Largest Onion
- 905. Largest Tomato (red or green)
- 906. Largest Cucumber
- 907. Largest Pumpkin
- 908. Decorated Vegetable(s) with Natural Medium

- 909. **Decorated Vegetable(s)** - with Other Medium
- 910. **Garden Stepping Stone** - (made and designed by exhibitor) May be made of concrete or other material that will stand up to use outdoors. Marbles, stones, shells, tile pieces, or other weather resistant materials may be used in design. Stone should be no smaller than 8" diameter and no larger than 16" diameter.
- 911. **Garden Sign** - (made and designed by exhibitor) must be made of weather resistant materials. May be for a theme garden or; one plant or; a personal garden or; etc. Let your imagination soar!
- 912. **Green Tomatoes** - (any size or variety) 5

### HERBS- Department G - Section 773

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. Potted herb plants will be disqualified and will not be judged.

- \*260. **Basil** .....5
- \*261. **Dill (dry)**.....5
- \*262. **Garlic (bulbs)** .....5
- \*263. **Mint** .....5
- \*264. **Oregano**.....5
- \*265. **Parsley**.....5
- \*266. **Sage** .....5
- \*267. **Thyme** .....5
- \*268. **Any other herb** .....5
- \*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.

### FRUITS

#### Department G - Section 773

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.

- \*280. **Strawberries (everbearers)** ..... 1 pint
- \*281. **Grapes** .....2 bunches
- \*282. **Apples**.....5
- \*283. **Pears**.....5
- \*284. **Wild Plums** ..... 1 pint
- \*285. **Other small fruit or berries**..... 1 pint  
(do not duplicate entries in classes 280-284)
- \*286. **Other fruits OR nuts** .....5  
(do not duplicate entries in classes 280-284)

\*Denotes that entries are eligible for State Fair after earning that privilege at the Dakota-Thurston Fair.

**EDUCATIONAL EXHIBITS**  
**Department G - Section 773**

- \*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 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 project(s) must be on the back of the poster.*
- \*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, full address, county, and years in project(s) must be on the back of the poster.*
- \*292. **Vegetable and/or Herb Gardening History Interview** - neatly handwritten or typed account of a gardening history interview or 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 project must be on the back of the report cover or notebook.*
- \*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 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.
- \*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 handwritten 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, years in the project(s), full address and county must be on the back of the report cover or notebook.*

**SPECIAL GARDEN PROJECT**  
**Department G—Section 775**

Youth must be enrolled in the current years **Special Garden Project** to exhibit. Fresh cut flowers or harvested vegetables should be entered in the appropriate class listed above

- \*1. **Special Garden Project** - Educational exhibit based on what was learned from the project. Present information on a poster 14" x 22" either vertical or horizontal arrangement or in a clear plastic report cover. Fresh cut flowers or harvested vegetables should be entered in the appropriate class listed above. The 4-H member's name, age, full address, and county must be on the back of the poster or report cover.

### THE HORTICULTURE TROPHIES WILL BE AWARDED IN THIS WAY:

Must be enrolled in Floriculture to exhibit Flowers and Gardening to exhibit Vegetables, Herbs and Fruits.

Trophies given include:

Junior Floriculture Age 8 - 13

Senior Floriculture Age 14 - 18

Junior Gardening Age 8 - 13

Senior Gardening Age 14 - 18

1. Floriculture Trophy will include Department G - Section 770, Annuals and Biennials, Perennials, Notebooks & Posters, and Container Grown Plants, Gardening Trophy will include Department G- Section 773, Vegetables, Herbs, Fruit & Vegetable Educational Exhibits.
2. The trophy will be based on a point system: purple - 4; blue -3.
3. Only your top 5 ribbon placings will be considered.
4. Judge will decide trophy winner if points add up to a tie.
5. Novelty exhibits in vegetables (largest, decorated and oddest) and county only (classes 900-911 & 999) will **NOT** be considered for the trophy.
6. County only class in Floriculture (Class 901, Arranged Bouquet), will **NOT** be considered for the trophy.