

# SECTION 17 – ORNAMENTAL HORTICULTURE

~ Green or Yellow Entry Cards ~

## HORTICULTURE EXHIBITS MUST BE IN PLACE

**ALL CUT FLOWERS BY FRIDAY, JULY 10<sup>TH</sup> @ NOON- Judging begins**  
**ALL OTHERS IN PLACE BY - MONDAY, JULY 6<sup>th</sup> @ 12:30 p.m.- Judging begins**

### FLOWER JUDGING

#### **A. Faults on Entry Cards**

- Too many specimens
- Too few specimens
- Variety name incorrect
- Variety name missing

### SCORE SHEET

#### **B. Lacking Uniformity**

- Age
- Color
- Shape
- Size

#### **C. Injured Flowers**

- Diseases
- Insects
- Handling
- Dirt

#### **D. Other Faults**

- Imperfect
- Too Old
- Too Young
- Short Stemmed
- Small
- Weak Stemmed
- Wilted
- Poor/No Foliage

## SECTION 17 - CUT FLOWERS - GUIDELINES:

- All exhibits must have been grown by the exhibitor during the current year. Each exhibit is labeled with the **correct common name & variety** (i.e. *Class – Sunflowers – Variety - Velvet Queen*).
- An exhibit shall consist **of 3 stems of the same variety with the same color bloom** except where noted.
- Flower stems should be 8 inches long, (except type of flower makes this impossible).
- Flowers that do not last as cut flowers (i.e. Hollyhocks, Impatiens, Portulaca, Daylilies, etc.) **may not be entered**.
- Two entries per class allowed, as long as each entry is a **distinctly different variety**.
- No Endangered or protected species in any class.
- Blooms of weeds, wild flowers and shrubs will not be evaluated.
- You may find further information on preparing & exhibiting cut flowers @ <http://cortland.cce.cornell.edu/resources/annual-flowers-for-your-garden-by-efschaufler>

### **☺ ALL CLASSES ARE CONSIDERED FOR STATE FAIR SELECTION**

Exhibitors awarded a blue ribbon for cut flowers exhibited at the County Youth Fair will be eligible to exhibit at the New York State Fair. Since the actual cut flower will be no longer suitable, a substitute of comparable quality can be exhibited.

Entries will be evaluated according to **New York State Fair Book Guidelines**.

**CLASS #      SECTION 17 – ORNAMENTAL HORTICULTURE**

- 210    Ageratum  
211    Aster - annual  
212    Asiatic Lily or Oriental (1 stem)  
213    Bachelor Button  
214    Calendula  
215    Callalily  
216    Chrysanthemum  
217    Carnation  
218    Cleome  
219    Cosmos  
220    Dahlia (3 stems with bloom under 6" in diameter)  
221    Dahlia (1 stem with bloom over 6" in diameter)  
222    Dianthus (carnations, pinks)  
223    Daisies  
224    Delphinium  
225    Flowering Nicotiana, Flowering Tobacco  
226    Gladiolus (1 stem- any color at least 12" long)  
227    Larkspur  
228    Marigold (any variety)  
229    Nasturtium  
230    Ornamental Grass  
231    Petunia  
232    Phlox-annual  
233    Rose, (1 stem of any variety: Hybrid Tea, Floribunda, Grandiflora, etc.)  
234    Rudbeckia (Coneflowers, Black-Eyed Susan)  
235    Snapdragon  
236    Statice (fresh, not dried)  
237    Stock  
238    Strawflowers (fresh, not dried)  
239    Sunflowers, (1 stem if 6" bloom or larger)  
240    Sweet Peas  
241    Viola (includes pansies)  
242    Zinnia (baby under 2", medium 2-4", or large over 4")  
243    Any other cut flower not listed, annual or perennial six (6) different entries are allowed in this class only; display the same number of specimens as similar flower listed).  
244    Collection of (6) garden cut flowers, 1 specimen/each variety and named (*not wild flowers, weeds or shrubs*).

**(WILD FLOWERS NOT ACCEPTED  
IN CLASSES 210 – 244)  
Cloverbuds use Yellow Double Entry Cards  
Exhibitors use Green Double Entry Card**



**INDOOR AND CONTAINER GARDENING**

**MUST BE IN PLACE MONDAY AT 12:30 p.m. (Green Entry Card)**

- House plants must be owned/cared for by exhibitor for a min. of (7) weeks prior to fair.
- Houseplants must be single stem or crown in proportion to container size.

**Two entries per class and each entry must be a distinctly different variety and correctly labeled.**

- Any exhibit that contains insects or is diseased will be removed from the fair grounds at the discretion of the fair superintendent. All exhibits will be evaluated following recommended guides of the balance, design, proportion and harmony.
- No artificially colored, plastic, or silk materials are allowed, with the exception of ribbons or bows which are included as part of the design.
- All exhibits receiving an excellent blue award will be eligible for the New York State Fair, but must meet the State Fair guidelines ..... **(THE SAME EXHIBIT MUST BE SENT FOR HOUSEPLANTS, CONTAINER**

## **GARDENS AND DRIED ARRANGEMENTS).**

- 1) **Please list plant name and variety plus the plant material** used for each exhibit.
  - (a) No artificial or plastic plant materials allowed
  - (b) Ribbon & bows as part of the design are allowed.
  - (c) Theme Gardens only may have artificial material. These materials should not be a main focus of the exhibit. They should blend in. Plants should be approximately 85% of this exhibit.
- 2) Entries must be grown in display container prior to June 1<sup>st</sup> of current year.
- 3) **Two entries per class allowed**, as long as each entry is a **distinctly different varieties**.  
(example: class 265 maximum 2 entries and may enter in all 4 classifications)

### **CLASS# (green entry card)**

- 250 (a) Window box or (b) container garden - floral and/or foliage/fruit
- 251 Potted house plant – (a) foliage (b) flowering (c) vine (d) hanging
- 252 Miniature houseplant – 2 ¼ - 3” pot
- 253 Dish Garden – green plants or cactus
- 254 Terrarium or closed ecosystem –no endangered species allowed
- 255 Propagation - An entry in this class must have originated during the current 4-H Program year as part of a propagation activity. Plants will be judged on overall plant health and propagation date on entry card statement. Container choice and accessories will not detract from scoring.

## **FLORAL DESIGN**

### **Entries in place Tues. by 12:30 p.m. -Except fresh arrangements in place on Friday**

- ◆ Flowers in classes 256-263 can be from any source.
- ◆ **Note:** Please List plants & plant materials used for each exhibit.
- ◆ More information can be found: 4H Leaflet H-7-3i  
Fresh & Dry Flower Arrangements link – <http://hdl.handle.net/18B/17533>
- ◆ No artificial or plastic materials, except for ribbons.
- ◆ Fall arrangements, gourd arrangements & photo stories may be entered in class 263 – poinsettias will be accepted in a holiday arrangement.

### **CLASS# Floral Design: (Green Entry Card)**

- 256 **Corsage of fresh or dried flowers**, exhibited in transparent bag (State Fair)
- 257 **Holiday Decoration** of live, dried or natural plant material no more than 18" in diameter or 24" long.
- 258 **Miniature arrangement** fresh or dried flowers (less than 6" in diameter & height including the container). List plants used.

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- 259 **Table arrangement**- live plant material, not over 12" diameter & under 8" height.
- 260 **Table arrangement**-dried plant material not over 12" diameter & under 8" height
- 261 **Large arrangement** of live or dried plant material, for arrangements more than 12" in diameter and over 8" in height.
- 262 **Plaque of dried or pressed plant material**, includes other craft projects made with real plant material (e.g. floral pictures, wreaths).
- 263 **Miscellaneous Open**. -May exhibit 4 entries of different ideas. Exhibit judged according to similar project criteria.

## PLANT COLLECTIONS

- All materials must be dried, pressed, mounted, and labeled.
- A clear, protective overlay may be used to protect dried & pressed exhibits.
- Any green (not pressed) specimens will not be evaluated.
- Collections of plant materials may be on one side of one piece of poster board or like materials, 22"x 28" in size, or in notebook binders with single specimens on 8 1/2"x 11".
- Scrapbooks of accumulating years should have dividers between years.
- Current year's exhibit should be clearly marked and this section only will be judged.
- You must list sources used to identify plant material.
- Plants identified by common & scientific name.
- **website:** <https://ecommons.cornell.edu/bitstream/handle/1813/3267/Pressed%20Flower%20Pictures.pdf;sequence=2> Describe where found and describe habitat.

### CLASS (Green Entry Card)

- 265 Leaf, twig (and fruit, flowers, & seed if possible) of 10 or more ornamental trees
- 266 Leaf, twig (fruit, flower, and seed, if possible) of 10 or more ornamental shrubs.
- 267 Leaf, twig, and illustration of fruits or nuts, 10 or more plants.
- 268 Ten weeds common to lawns and flowerbeds.
- 269 Ten annual flowers
- 270 Ten perennial flowers
- 271 Ten wild flowers
- 272 Ten seeds (any single plant type, e.g. 10 ornamental, 10 fruits, etc.)
- Clean & dried, not green – seeds must be harvested by exhibitor.
  - A picture of plant must accompany seeds.
  - List growing conditions required.
- 273 **Miscellaneous Collections:** Open – may exhibit 4 entries of different ideas. Exhibit judged according to similar project criteria.

## SCRAPBOOK, EXPERIMENTS, HORTICULTURAL METHODS AND LANDSCAPE PLANS

- 274 **HORTICULTURE RECORD BOOK:** Photos- Plants all different categories of plants.
- 1- Evaluated on what the plant taught me
  - 2- What interested me in this plant.
  - 3- Name the location of plant photo was taken
  - 4- List the Identification resources
- 275 **HORTICULTURE SCRAPBOOK:**  
**(Groups) Flowers & Indoor Plants, Ornamentals, Fruits and Nuts, Vegetables**  
**(A)** Beginner - must include 15 plants from each group  
**(B)** Intermediate – must include the 30 plants from each group  
**(C)** Advanced – must include all 45 plants in each group

### State Fair Guidelines must be followed:

- Write in the front or back of the catalog where your images came from if you did not make them yourself. (for ex. Pictures are from W. Atlee Burpee 1998 seed catalog).
- This scrapbook makes an excellent study guide for the Horticulture Contest
- Each plant should be represented on its own 8 ½ x 11" page.
- Catalog will be worth more if the picture (or more than one picture) shows different stages of growth (fruit & leaf, vegetable & flower, flower & leaf).

- Fasten with clear tape, paper glue, or rubber cement.
- All pages must be bound in a notebook binder.
- Label with common name and brief description.
- NY Horticulture Contest Guidelines are available from CCE 4-H Office.

**276 EXPERIMENTS:** Poster

- (A) - Propagation (B) - Breeding  
(C) - Soil Science (D) - Cultural Practices (E) - Miscellaneous

The intent of this division is to have youth develop an interest in a science-based approach to horticulture. This is accomplished by having exhibitors depict an experiment performed on a group of plants. Always follow the scientific method, (i.e.) form a hypothesis, apply treatments, make observations, and draw all conclusions.

You must include at least one treatment and control (unrelated group of plants), if appropriate. State Fair guidelines must be followed – request a copy from the 4-H office. Websites:

<https://gardening.cal.cornell.edu/files/2016/07/newlogostrawberry-yields-forever-lue4bpp-or9czw.pdf>

**277 HORTICULTURE METHODS – needs the Hypothesis: (title, method & description)**

- (A) Hydroponics Gardening  
(B) Season Extender Methods  
(C) Container Gardening  
(D) Miscellaneous - any horticultural method (i.e. Three Sisters Project, etc.).

This division allows participants a chance to explore a unique approach to growing plants. This enhances gardening skills, and encourages the participant to think creatively.

- A poster (at least 14" x 22") or drawings, of the specific method used.
- An exhibit of the method itself (such as a small hydroponics set up) can be displayed.
- A project description is required, for display ideas, consult 4-H office.
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## LANDSCAPE AND PLANS

This division teaches youth about the elements of design, and how plants can be used effectively for ornamental purposes.

- All collections, pictures and plans must have a clear, protective overlay.
- Markers, colored pencils or paints may be used to enhance the landscape plan.
- A project description is required in this division – NYS Fair eligible entries.
- An exhibit may show multiple year's work, only current year's work is evaluated, and you need to define a list and describe the project plants.

**280 Home grounds landscape-**photographic album with at least 6 before and 6 after pictures of current year's work.

**281 Plan or map of home grounds-** drawn to scale, showing things as they were at beginning of project. A second map, with suitable and necessary notes, showing changes and improvements made in different colors, show changes and improvements yet to be made. Indicate direction "North" on the plan. See "Young People's Guide to Landscaping". **website:** <http://www.hort.cornell.edu/gnl/pubs/index.html>

**282 Plan or map of apartment dwelling-** drawn to scale, showing grounds as they are currently. A second map, showing proposed changes that would improve existing grounds. Where group space is unavailable, a terrace or porch garden of containerized plants can be depicted. Indicate direction North on the plan.

**283 Plan of annual and/or perennial flower garden-** showing varieties, name, placement, height, color, use scale no smaller than 1 inch equals 4 feet. Indicate direction North on plan.

**284 Plan of home orchard-** (tree fruit and/or berry crops), showing varieties, name, placement, height and time of fruiting; use scale no smaller than 1 inch equals 4 feet. Exhibit only current year's work. Indicate direction North on plan.

- 285 (A) Plan of home vegetable garden-** showing varieties, name, placement, height, & approximate harvest times. Succession of plants may be indicated by a tracing paper overlay. Use scale no smaller than 1 inch equals 4 feet. Indicate direction North.
- (B) Garden Record Book:**
- 285**
- List plant chosen and variety
  - List reason for selection
  - Garden design sketch, including lay-out, dimensions, and spacing
  - Indicate direction of North
  - Photos showing before and after
- 286 Plan of community service beautification project.** – reasons for selection, garden design sketch, including layout, dimensions, and spacing, and indicating North. Photos showing before and after are helpful.

**End of Section 17 Ornamental Horticulture**