

# DEPARTMENT G – PLANTS & ANIMALS

## HORTICULTURE/PLANT SCIENCE

### ***Sarpy County Fair Superintendent:***

*Jan Koenig*

Horticulture Staff Persons Responsible – Mary Anna Anderson, Kathleen Cue, John Fech

### **Special Awards**

#### **Annabel Slimm Memorial**

In honor of Annabel Slimm, who was on the Staff of the Sarpy County Extension Office for over 25 years, a fund has been established in her name to provide awards to Douglas/Sarpy 4-H members enrolled in Horticulture and Small Animal projects. The fund will be everlasting and only proceeds received from the fund will be used to provide annual 4-H Awards. A plaque will be presented to the Top 4-H Exhibitor in Department G -- HORTICULTURE.

### **Rules:**

- A. There is no limit on the number of exhibits that a 4-H'er can enter in a single class. There is a limit on the amount of premium money per class. If four entries for the same class would be entered by a 4-H'er, all four would be judged, have a comment sheet and ribbon, but premium money would only be awarded for the highest ribbon.
- B. No canned, frozen or preserved vegetables or fruit entered in this Department. Canned goods are to be entered in Food Preservation Division if member is eligible.
- C. Interview judging will be from 12:30 - 7 p.m. on Tuesday, July 28. If an exhibitor would like to participate in Interview judging, they should sign up for an interview time when they enter their horticulture exhibits on Tuesday.
- D. One entry per class, up to three classes per division, will receive premium money.
- E. Premiums in the Horticulture Department are pay level 5.
- F. **Including the cultivar name of the exhibit on the entry form is one component of being a good showman. It is one of the steps in preparing an exhibit for the fair. For other details on the exhibit preparation, see Extension Publication 4H - 226.** Exhibits that are not identified with a cultivar name are subject to receiving a lower ribbon placing at the discretion of the judge.

**Exhibitors should note that most items will be disposed of.**

**Department G – Plants & Animals**  
**Division 770 - Floriculture**

**ANNUALS AND BIENNIALS - 5 STEMS OF A SINGLE VARIETY (CULTIVAR) UNLESS OTHERWISE NOTED IN PARENTHESIS.**

<b>CLASS 1</b>	<b>ASTER</b>
<b>CLASS 2</b>	<b>BACHELOR BUTTONS</b>
<b>CLASS 3</b>	<b>BELLS OF IRELAND</b>
<b>CLASS 4</b>	<b>BROWALLIA</b>
<b>CLASS 5</b>	<b>CALENDULA</b>
<b>CLASS 6</b>	<b>CELOSIA (CRESTED OR PLUME) (3 STEMS)</b>
<b>CLASS 7</b>	<b>COSMOS</b>
<b>CLASS 8</b>	<b>DAHLIA</b>
<b>CLASS 9</b>	<b>DIANTHUS</b>
<b>CLASS 10</b>	<b>FOXGLOVE</b>
<b>CLASS 11</b>	<b>GLADIOLUS (3 STEMS)</b>
<b>CLASS 12</b>	<b>GOMPHRENA</b>
<b>CLASS 13</b>	<b>HOLLYHOCK (3 STEMS)</b>
<b>CLASS 14</b>	<b>MARIGOLD</b>
<b>CLASS 15</b>	<b>PANSY</b>
<b>CLASS 16</b>	<b>PETUNIA</b>
<b>CLASS 17</b>	<b>SALVIA</b>
<b>CLASS 18</b>	<b>SNAPDRAGON</b>
<b>CLASS 19</b>	<b>STATICE</b>
<b>CLASS 20</b>	<b>SUNFLOWER</b> (under 3" diameter-5 stems, 3" or more in diameter-3 stems)
<b>CLASS 21</b>	<b>VINCA</b>
<b>CLASS 22</b>	<b>ZINNIA</b>
<b>CLASS 23</b>	<b>ANY OTHER ANNUAL OR BIENNIAL</b> (under 3" diameter - 5 stems, 3" or more in diameter - 3 stems)

**PERENNIALS - 5 STEMS OF A SINGLE VARIETY (CULTIVAR) UNLESS OTHERWISE NOTED IN PARENTHESIS.**

<b>CLASS 30</b>	<b>ACHILLEA / YARROW</b>
<b>CLASS 31</b>	<b>CHRYSANTHEMUM</b>
<b>CLASS 32</b>	<b>COREOPSIS</b>
<b>CLASS 33</b>	<b>DAISY</b>
<b>CLASS 34</b>	<b>GAILLARDIA</b>
<b>CLASS 35</b>	<b>HELIANTHUS</b>
<b>CLASS 36</b>	<b>LIATRIS (3 STEMS)</b>
<b>CLASS 37</b>	<b>LILIES (3 STEMS) (NOT DAYLILIES)</b>
<b>CLASS 38</b>	<b>PLATYCODON</b>
<b>CLASS 39</b>	<b>PURPLE CONEFLOWER</b>

**CLASS 40 ROSE (3 STEMS)**

**CLASS 41 RUDBECKIA/BLACK-EYED SUSAN**

**CLASS 42 SEDUM**

**CLASS 43 STATICE**

**CLASS 44 ANY OTHER PERENNIAL**

(under 3" diameter - 5 stems, 3" or more in diameter - 3 stems)

**CLASS 45. 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 1-44.

#### **EDUCATIONAL EXHIBITS**

**CLASS 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-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. Score Sheet SF100.

**CLASS 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, and years in the project(s) must be on the back of the poster. Score Sheet SF103.

**CLASS 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. Score Sheet SF104.

**CLASS 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 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 SF105.

**HOUSEPLANTS**

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. Plants grown as houseplants must be used. Containers of annual flowers or annual plants will be dropped one ribbon placing) Entries in Classes 60-65 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 12" in diameter. Dish gardens, desert gardens and terrariums may be up to 12" in diameter Any container grown plant in Classes 60-65 that is greater than 12" in diameter will be dropped one ribbon placing. Classes 60-64 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. Score Sheet SF107.

**CLASS 60 FLOWERING POTTED PLANT(S) THAT ARE BLOOMING FOR EXHIBITION.**

Non-blooming plants will be disqualified.

**CLASS 61 FOLIAGE POTTED PLANT(S) OF ALL THE SAME VARIETY.**

**CLASS 62 HANGING BASKET OF FLOWERING AND/OR FOLIAGE PLANTS.**

**CLASS 63 DISH GARDEN**

An open/shallow container featuring a variety of plants excluding cacti and succulents.

**CLASS 64 DESERT GARDEN**

An open/shallow container featuring cacti and/or succulents.

**CLASS 65 TERRARIUM**

A transparent container, partially or completely enclosed; sealed or unsealed.

**\* FOLLOWING CLASSES ARE NOT ELIGIBLE FOR STATE FAIR CONSIDERATION\***

**CLASS 901\* CLOVER KIDS EXHIBITOR**

Bring one item grown in 2008 from Divisions 770 and 773.

**Clover Kids exhibitors will receive ribbons only.**

**CLASS 902\* LARGE CONTAINER DISPLAY**

Use a 5 gallon bucket or other similar item to create a pleasant collection of foliage or flowering plants. After judging is complete, the display will be used to decorate the fairgrounds. Displays can be entered by individuals or by 4-H clubs. Provide a label to identity plants and the exhibitor.

**Department G – Plants & Animals**  
**Division 773 – Vegetables, Herbs & Fruits**

<b>CLASS #</b>	<b>VEGETABLE</b>	<b>#'S TO EXHIBIT</b>
201	LIMA BEANS	12
202	SNAP BEANS	12
203	WAX BEANS	12
204	BEETS	5
205	BROCCOLI	2
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

<b>CLASS #</b>	<b>VEGETABLE</b>	<b>#’S TO EXHIBIT</b>
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 (do not duplicate entries in classes 201-251) doesn't fit in any other class	2, 5 OR 12

**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. 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). Duplication of entries in classes 201-252 is permitted at Sarpy County Fair, however State Fair exhibits may not duplicate entries in classes 201-252 with any in the group collection.

**CLASS 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, 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 SF108.

<b>CLASS #</b>	<b>HERB</b>	<b>#'s TO EXHIBIT</b>
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

(do not duplicate entries in classes 260-267)

### 269 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 260-268. Duplication of entries in classes 260-268 is permitted at Sarpy County Fair, however State Fair exhibits may 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. Score Sheet SF108.

<b>CLASS #</b>	<b>FRUIT</b>	<b>#'S TO EXHIBIT</b>
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)	

## **EDUCATIONAL EXHIBITS**

### **CLASS 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, full address, county, and years in the project(s) must be on the back of the poster. Score Sheet SF103.

### **CLASS 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 the project(s) must be on the back of the poster. Score Sheet SF104.

### **CLASS 292 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 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 SF105.

### **CLASS 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 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 SF101.

### **CLASS 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 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 SF102.

### **MONSTER VEGETABLES**

#### **Rules:**

- A. Any member enrolled in a horticulture project may enter exhibits they have grown in this division.
- B. Each exhibitor is limited to one entry per class.
- C. Entries must be of good quality, natural in color, and in clean condition.
- D. Judging will be by weight with heaviest vegetable receiving purple.
- E. Monster vegetables will receive ribbons only.

**\* FOLLOWING CLASSES ARE NOT ELIGIBLE FOR STATE FAIR CONSIDERATION\***

- CLASS 901 \* TOMATO**
- CLASS 902 \* BEET**
- CLASS 903 \* SQUASH, SUMMER**
- CLASS 904 \* SQUASH, WINTER**
- CLASS 905 \* CUCUMBER**
- CLASS 906 \* POTATO**
- CLASS 907 \* ONION**
- CLASS 908 \* PUMPKIN**
- CLASS 909 \* WATERMELON**

### **OTHER HORTICULTURE CLASSES**

**\* FOLLOWING CLASSES ARE NOT ELIGIBLE FOR STATE FAIR CONSIDERATION\***

- CLASS 910 \* BEST DRESSED VEGETABLE**  
Use doll clothes or other materials to dress your favorite or most unusual vegetable. Be creative. One entry per exhibitor. Ribbon only.
- CLASS 911\* HORTICULTURE SCIENCE EXHIBIT**  
Display an original creation that demonstrates a horticultural technique or procedure. Attach a one page explanation that describes how the entry was made and how it is used in the garden or landscape.