

Thursday, June 15

Entries are due in <http://storyvia.fairentry.com> and Intent to Take Part in the Home Garden Tour and/or Flower Garden Tour Form Due. Container Plant Goal Cards should be brought to fair check-in July 22.

Tuesday, July 11 or Wednesday, July 12 or Thursday, July 13

Garden Tours: (one of these days will be selected; superintendent(s) and judge come out to your garden)

Saturday, July 22

8:30 a.m. – 11:00 a.m. Enter Flower Garden and Ornamental Exhibits – Extension Office Meeting Room

8:30 a.m. Flower Garden and Ornamental Conference Judging begins – Extension Office Meeting Room

9:00 a.m.–11:00 a.m. Enter Home Garden and Vegetable Crop Exhibits – Christy 4-H Hall (Enter in the main door of 4-H Hall and go to the south end of the building) No entries will be accepted after 11:00 am)

12:15 p.m. Home garden and vegetable crop judging – Christy 4-H Hall

HORTICULTURE DEPARTMENT

Superintendents: Brenda Brink, Tom Gust

***All exhibitors are responsible to read and comply with the General Exhibit Rules and all department exhibit class rules and regulations.

DIVISION – HOME GARDEN AND VEGETABLE CROP

1. **Entries are to be set up by the exhibitor.** Exhibitors are encouraged to be present during judging.
2. All entries must be a product of this year's project and must have been produced by the exhibitor.
3. Exhibitors may enter a maximum of twelve (12) garden samples **and** twelve (12) herb garden samples in Garden Class. Only one entry per variety or cultivar allowed.
4. In addition to the twelve garden samples and twelve herb samples, an exhibitor may have a total five (5) additional exhibits from any of the following classes: Educational Garden Idea, Garden Display, Commercial Garden, and Container Grown Garden.
5. The garden tour folder **is required** but does not count towards the maximum number of entries.
6. Classes will be divided into grade categories as follows: Junior –4th, 5th & 6th; Intermediates – 7th, 8th, & 9th; and Seniors – 10th, 11th & 12th. All grades are as of September 15, 2016.
7. The home garden and vegetable crop projects are meant to provide broad gardening experiences for youth. These experiences include planning the garden, planting, fertilizing, weeding, pest control, harvesting and other gardening practices. To learn these skills, it is advantageous for beginning gardeners to develop a garden that is theirs to manage. It is recommended that the **maximum size** garden for 4-H'ers in their **first and second years of exhibiting in the home garden/vegetable project area is 100 square feet.** The produce exhibited would come from this 100 square foot area. As gardeners progress in skills, they can undertake a larger garden and, in time, share the responsibilities of a large family garden. After 2 years of exhibiting in the home garden/vegetable area, exhibitors may enter produce from their personal garden or from a large family garden that they help manage.
8. **A Home Garden Tour Folder and garden plan are required as part of this project, regardless of the size of the garden. You must enter the Home Garden Tour Folder class in <http://storyvia.fairentry.com>** Garden entries will not be received at fair unless the garden was on the tour and a garden folder was given to **the garden judge on the tour. The exception is Container Grown Garden class.** The garden plan must be in a folder with the following accompanying information: photo of garden; drawing of garden with vegetable/flower placements; varieties listed; date, type, amount and frequency of herbicide, pesticide and fertilizer application. Exhibitors must include their official 4-H grade (as of Sept. 15, 2016) and level (Junior, Intermediate, and Senior) on the outside front cover of the folder. In completing the above questions, the exhibitor should include the following information: goal of project; what was done; what was learned. List any special problems encountered in raising your garden and how you solved the problem. Garden plans will be checked on the garden tour. Story County Master Gardener Association provides a \$15 cash award to the best Junior, Intermediate, and Senior gardens based on garden and folder. Checks are mailed after judging.
9. The Borton Award, sponsored by Art and Donna Borton, will be given to the best garden samples exhibited by a junior, intermediate, and senior.
10. A \$15 cash award will be given for the best container grown garden.
11. The Story County Fairboard treasurer will pay premiums on purple, blue, red, and white placings following the County Fair.
12. On the Home Garden Tour, 4-H'ers have the opportunity to have a conference with the judge. Exhibitors should make every possible effort to be available to visit with the judge on the day of the home garden tour. Judging of the produce exhibits at the Story County Fair will not be conference judged. However, written comments may be attached to displays so the exhibitor has an additional educational experience.

Class

Educational Garden Idea - An exhibit which shows and explains one idea learned from participating in gardening.

Include an index card with the exhibit explaining the reason for the exhibit, what was done and what was learned. Actual specimen of garden produce may or may not be included. Exhibit may be displayed in a self-contained unit or on a poster. The unit should fit in a space approximately 15 inches deep, 24 inches long, and 18 inches high. The poster size should not exceed 30 inches in height or width. Evaluation of the educational garden idea class is based on accuracy of information, educational value of the display, and quality of produce, if used.

Garden Display - A display of vegetables as a result of work done in 4-H. Include a minimum of five (5) or more different varieties of fresh vegetables prepared for exhibit by a single member according to guidelines given in "Harvesting and Preparing Vegetables for Exhibit" (<http://www.extension.iastate.edu/Publications/4H462.pdf>) Variety means subdivision of a species. So it can be interpreted to mean tomatoes and potatoes, but also can mean different types of the same thing such as Beef Master and Better Boy Tomatoes. To avoid problems, an exhibitor should try not to enter two different varieties which "look the same". Displays must have a theme and be displayed in a display box with appropriate art work. Tag varieties of vegetables. If a tag is not appropriate, make a list of varieties in the display to accompany the exhibit. Include an index card with the exhibit explaining the reason for the exhibit, what was done, and what was learned. Evaluation of the Garden Display is based on the quality of the produce and the overall effect of the display including theme, art work and display box. Exhibits in this class will be judged first on quality of produce.

Garden Sample - An exhibitor may enter a maximum of 12 different varieties of vegetables and 12 different varieties of herbs. (Example: If you intend to enter 6 garden samples, then enter (or list) the Garden Sample class six (6) times. Variety means subdivision of a species. So it can be interpreted to mean tomatoes and potatoes, but also can mean different types of the same thing such as Beef Master and Better Boy Tomatoes. To avoid problems, an exhibitor should try not to enter two different varieties which "look the same". Evaluation of the garden sample is based on the quality of produce exhibited. The judge will consider variety, size, condition, insect damage, disease injury, uniformity, proper preparation and proper number for each class. Prepare and display vegetables according to the **pamphlet 4-H-462 "Harvesting and Preparing Vegetables for Exhibit"**, but note exceptions that follow. (The pamphlet is available at <http://www.extension.iastate.edu/Publications/4H462.pdf>.) Identify variety or cultivar on the entry tag. Herbs may be shown as garden samples. Each variety of herb counts as one garden sample.

Dill – need not have mature seed to use the leaves for seasoning. Exhibit as described in the pamphlet.

Herbs - Exhibit 5 sprigs per bottle. A sprig has one main stem and top.

Rhubarb - specimens may not be entered. Rhubarb should not be harvested after mid-June so the plant can replenish its food supply and is more resistant to disease.

Catmint (catnip) - may not be entered.

Home Garden Tour Folder - Following the completion of the Home Garden Tour, exhibitor's folder will be evaluated.

Commercial Garden - This category is open to all ages. As this class is a commercial venture, exhibitor's folder must have a cost/profit report of supporting documentation of cost and projected revenue. There is no minimum or maximum size of the plot. Judging will be based on basic gardening skills and selection of produce (something that has a ready market - pumpkins, sweet corn, tomatoes, etc.) Size of plot and selection of produce must be such that the exhibitor will gain experience in marketing the harvest. Ref - FG 601 Annual Fruit/Veg Report. (<http://www.extension.iastate.edu/Publications/FG601.pdf>)

Container Grown Garden

See ISU Extension Publication PM 870B. <http://www.extension.iastate.edu/Publications/PM870B.pdf>

Many vegetables and herbs can be grown successfully in containers. One or more plants may be in a container. The vegetables and herbs exhibited do not need to be at harvest stage. This may be the only garden the exhibitor has; therefore it will not be a requirement to be on the garden tour. The goal is to show what can be grown in a container garden.

Requirements for an exhibit in this class are:

- Maximum size container allowed is 6 gallon. If unknown, dimension should equals – 18"x24"x8"
- Exhibit must have folder listing variety names, why you planted a container garden, a short paragraph on cultivation including soil mixture used, fertilization, watering habits, staking, thinning, date vegetables and/or herbs were planted

Containers will be judged on:

- Quality of plants: 40%
- Educational Value to Exhibitor: 25%
- Educational Value of the Folder to Others: 25%
- Appearance of the Container Garden: 10%
(Includes appearance of container itself)

IF GARDEN SAMPLES ARE BROUGHT TO THE FAIR THAT WERE GROWN IN CONTAINERS, EVEN IF THERE WAS NO IN-GROUND GARDEN, THOSE CONTAINERS ARE TO BE ON THE GARDEN TOUR PRIOR TO THE FAIR AND A GARDEN FOLDER IS TO BE DONE, JUST AS IF THEY WERE AN IN-GROUND GARDEN.

DIVISION- FRUIT

Superintendents: Tom Gust, Brenda Brink

1. Display to consist of fresh fruit exhibit, picture and plan of project. Plan of project should include a description of the purpose of the project; what was done; what was learned; a listing of variety of fruit; date, amount and type of fertilizer, pesticide; date of harvest if relevant, and amount of harvest. List approximate age of the tree or shrub.
2. Judge will consider progress of project work considering the age of the exhibitor and the original goals established in the project, neatness and clarity of display.
3. Dried fruit is not allowed. Such exhibits are shown in the home economics food preservation classes.
4. If wanting to be eligible for State Fair selection, enter the Horticulture class under Ag & Natural Resources.

Classes

Berries - Example: Strawberries, raspberries, blueberries. Enter a minimum of 10 for each entry.

Fruit - Example: Apples, pears, peaches, plums, cherries, etc. Enter a minimum of 3 for each entry like pears, peaches, plums. Smaller fruits like cherries or grapes – minimum of 10. Very large fruit like melons, only one need be entered.

Educational Exhibit - An exhibit which shows and explains one idea learned from participating in the fruit project work. Include reason for exhibit, what was done, what was learned.

Commercial Garden - This category is open to all ages. As this class is a commercial venture, exhibitor's folder must have a cost/profit report of supporting documentation of cost and projected revenue. There is no minimum or maximum size of the plot. Judging will be based on basic gardening skills and selection of produce (something that has a ready market). Size of plot and selection of produce must be such that the exhibitor will gain experience in marketing their harvest. Ref - PM 1093 A small farm opportunity, FG 601 Annual Fruit/Veg Report.

DIVISION- FLOWER GARDENING AND ORNAMENTALS

Superintendents: Beth Atwood, Jerry Upchurch, Sue Upchurch, and Kay Struthers

The Flower Gardening and Ornamentals division is divided into two subdivisions - floriculture and design arrangement.

During judging, your age and the number of years in the project will be taken into consideration as well as the quality of your exhibits.

1. Floriculture consists of the following departments: Annuals, Perennials, Bulbs and Container Grown Plants. **Exhibitors may enter a total of 12 floriculture Specimen exhibits. This can be a combination of any and all specimens grown in their garden (cannot be from a family garden). In addition, exhibitors may exhibit an additional 5 exhibits from the following classes: Design Arrangement, My Garden in a Jar, Container Grown Plant, Animals at the Fair, and Recycled. (The Flower garden tour/folder class is excluded from the 5 additional exhibit count).**
2. For the annual, perennial and bulbs, a folder and flower garden tour are required before entries may be entered in the County Fair. A tour is not required for container grown plants, but an index card explaining when and how the plant was acquired, fertilizer used, watering habits, and what was learned from the exhibit is required.
3. **A Flower Garden Tour Folder is required as part of this project. You must enter this Flower Garden Tour Class in <http://storyia.fairentry.com>.** Flower entries will not be received at fair unless the flower garden was on the tour. During the summer, the flower garden judge will tour your flower garden (see box above for the potential date). Your completed folder will be collected at this time. The event will only be rescheduled due to inclement weather. (Note: A flower garden folder is required regardless of the size of the garden). See Folder Garden Tour Class for the folder requirements.
4. All floriculture exhibits must be grown by the exhibitor. Any size garden is acceptable, container, planter box, window box or other garden. Container grown plants must be started **at least 2 months** prior to the Fair.
5. Floriculture exhibits should be exhibited in a clear glass bottle. Remove foliage that would be in the water.
6. Each exhibitor may enter a maximum of **12 floriculture exhibits (annuals, perennials, bulbs, corms & tubers).** Enter the class number for each variety in <http://storyia.fairentry.com>. (Example, if you want to enter 3 floriculture specimens, then enter the floriculture specimen three times.) Only one entry per variety allowed.
7. Exhibitor needs to include an exhibit tag affixed to a clear glass bottle identifying the exhibitor and the flower and variety. Names of variety, uniformity in size, as well as cultural perfection and cleanliness of bloom and leaves increase value in judging.
8. Story County Master Gardener Association provides a \$15 cash award to the best Junior, Intermediate, and Senior gardens (based on garden and folder). The Borton Award, sponsored by Art and Donna Borton, will be given to the best in Design class exhibited by a junior, intermediate, and senior. Checks are mailed after judging.

Tip: Be sure to make a copy of the names and varieties of your specimens and keep this separate from your garden book so you will know what to write on your entry tags on fair day.

Spray-A single main stem with side branches. Blooms should be in 3 stages of maturity—tight bud, Partially opening flower(s), and fully open flower(s)

Spike-one (1) flowering stem with the 3 stages of maturity—fully open at bottom, partially open in the middle, tight bud at the top

Stem-A flower stalk that includes flowers and foliage

When the schedule calls for a spray, be sure not to exhibit a branch. That is one of the common errors in flower shows.

Class

Floriculture Specimen - Quality and Condition – 75% AND properly displayed and labeled – 25%

“Examples of Annuals”	“Examples of Perennials”	“Examples of Bulbs, Corms, or Tubers”						
Alyssum – 3 stems	Aster - 1 stem	Canna - 1 spike						
Asters - 1 stem	Chrysanthemum - Cushion 1 spray	Dahlia - Large - over 8" - 1 bloom Needs foliage						
Bachelor Buttons – 3 stems	Coreopsis – 3 stems	Dahlia - Medium - 4-8" - 1 bloom Needs foliage						
Celosis – Crested – 1 stem	Coneflower – 1 stem	Dahlia - Small - under 4" - 3 stems 1 bloom per stem Needs foliage						
Celosis – Plume- 1 stem	Daisy – 1 stem	Gladiolus - 1 spike						
Coleus - spray	Delphinium - 1 spike	Lily – 1 stem						
Cosmos - 3 stems	Dianthus – 1-3 stems	Tuberous Begonia (to be floated in shallow dish)						
Dusty Miller – 1 stem	Hosta – 1 flower stem	<table border="1"> <thead> <tr> <th>Examples of Foliage 3 stems or leaves required</th> </tr> </thead> <tbody> <tr> <td>Coral Bells</td> </tr> <tr> <td>Grasses</td> </tr> <tr> <td>Ivy</td> </tr> <tr> <td>Vinca Vine</td> </tr> <tr> <td>Asparagus Fern</td> </tr> </tbody> </table>	Examples of Foliage 3 stems or leaves required	Coral Bells	Grasses	Ivy	Vinca Vine	Asparagus Fern
Examples of Foliage 3 stems or leaves required								
Coral Bells								
Grasses								
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Asparagus Fern								
Impatiens - spray	Ornamental grasses – 3 leaves							
Marigold - Tall – 1 stem	Phlox - 1 stem							
Marigold – Dwarf - 1 spray	Roses - Hybrid Tea - 1 bloom							
Ornamental grasses – 3 leaves	Roses - Floribunda & Miniature- 1spray							
Pansy - 3 blooms	Yarrow – 1 stem							
Petunias - Spray	Viola – 3 stems							
Snapdragon - 1 stem								
Salvia - 3 stems, 1 variety								
Sunflower - 1 stem								
Verbenas - 1 stem								
Vinca – 1 stem								
Zinnia - Giant - over 4" 1 bloom								
Zinnia - Medium - 2" - 4" 1 bloom								
Zinnia - Small - 3 stems, 1 bloom Per stem								
Zinnia - Small - 3 stems, 1 bloom Per stem								

Design Arrangement: Exhibitors must take part in Flower Garden Tour in Order to Display Arrangement

1. Exhibitors may have **one exhibit in each theme** as a part of five additional possible 5 exhibits.
2. All Flowers used in the design must be grown by the exhibitor. Greenery may come from trees, shrubs, and garden plants but may not be purchased.
3. No artificial flowers or foliage are permitted.
4. No colorant is to be used in or on fresh plant material.
5. Backgrounds and bases may be used in all design classes if desired. Accessories are permitted, but emphasis is on the plant material.
6. Each part of the exhibit should be marked in an inconspicuous place with the exhibitor’s name, address and class name.
7. Design arrangement exhibits will be judged on design (35%), color (20%), distinction (15%), originality (15%), and condition (15%).

Class

Design Arrangement

- Design Your Own – An arrangement of your own choosing. An index card with title or theme and the design element (such as horizontal, triangular, etc.) must be included.
- Patriot theme – incorporate red, white, and blue into your exhibit. No index card needed.

My Garden in a Jar – Limit of One Exhibit – No goal card needed.

- A collection of flowers from exhibitors garden put in a clear, glass jar (i.e. mayonnaise or canning jar). Exhibit will be judged on color, texture and condition of flowers. No design element needed in this exhibit. Need to include at least 3 different specimens.

Container Grown Plant

- Requires a goal card or folder (bring to fair check-in July 22 for each exhibit, explaining when planted or how obtained, fertilizer, water habits, etc. List costs involved. Examples may include, but not limited to:
 - House plant
 - Flowering plant
 - Foliage - grown from foliage
 - Dish garden - 3 or more plants - accessories permitted
 - Cactus - 1 plant
 - Terrarium - small, Max dimensions 10" x 10". Minimum of 3 plants, may contain accessories.
 - Terrarium - large, Min dimensions 10" x 10". Minimum of 3 plants, may contain accessories.
 - Miniature garden – Fun things to add include: rocks, furniture, water feature and figures.

IF FLOWER SPECIMENS ARE BROUGHT TO THE FAIR THAT WERE GROWN IN CONTAINERS, EVEN IF THERE WAS NO IN-GROUND GARDEN, THOSE CONTAINERS ARE TO BE ON THE GARDEN TOUR PRIOR TO THE FAIR AND A GARDEN FOLDER IS TO BE DONE, JUST AS IF THEY WERE AN IN-GROUND GARDEN.

Animals at the Fair –

- Limit of 1 entry. Test your creativity. Find any animal shaped planter and plant any indoor or outdoor plants in it. You can use as many plants as you like. Same requirements as Container Grown Plant

Recycled –

- Use any recycled object as a container for a potted indoor or outdoor exhibit. You can use as many plants as you like. Same requirements as container grown plant (see 50004)

Poster –

- Create a poster on perennials or annuals. It can be about any aspect. Any size poster is acceptable.

Flower Garden Tour Folder – Your flower garden folder **must** include the following:

Goal card stating:

- What was your exhibit goal(s)? (What did you plan to learn or do?)
- What steps did you take to learn or do this?
- What were the most important things you learned?

You also **must** include in your folder:

- A picture of the 4-H'er with the garden
- Drawing of garden with flower placements
- Varieties of plants listed
- Types of fertilizers, pesticides, and herbicides used: dates applied, amounts applied
- Total garden expenses
- A garden care calendar (provided by the Extension Office, or make your own)

Exhibitor should indicate on the front outside cover of the folder their official 4-H garden (as of September 15, 2016) and the age division (junior, intermediate, senior). The folder will be given to the judge after the flower garden tour.

NOTE: Following Conference Judging of all Floriculture Exhibits, the judge will declare a Best of Show Exhibit.