

HORTICULTURE

Superintendent: Barbara Kreilich 503-769-6240
Jr. Superintendent: Alyssa Foltz
FFA : Dave Bonebrake 503-394-2659

All 4-H horticulture projects must be in place between 3:00 p.m. and 5:00 p.m. on Wednesday, July 15.

FLOWERS AND ORNAMENTALS

The class and kind of flower must appear on the exhibit tag attached to the exhibit. The requirement for each exhibit can be found in parenthesis after each flower type. In an exhibit of 3 blooms, all blooms must be the same color. Each flower is to have foliage attached or include foliage. Exhibitor can enter only one entry in each class with the exception of the Other, Perennial Cut Flowers and the Other Annual Cut Flowers. Exhibitors may show all or a portion of the allowed/ allotted flower exhibits in either of the other classes.

The total number of cut flower exhibits may not exceed 3 for Juniors, 4 for Intermediates, or 5 for Seniors. Each exhibit will receive a ribbon. Containers will be furnished for cut flowers. Arrangement exhibits will be displayed in the container provided by the exhibitor. Exhibitors may use a holding device to secure arrangements. Judging criteria are outlined on *4-H Cut Flowers Exhibit Score Card (713-01)* and the *4-H Floral Arrangement Exhibit Score Card (713-02)*, available at the Extension Office and on the State 4-H website at <http://oregon.4h.oregonstate.edu/resources/materials.html>.

CUT FLOWERS

Definitions:

Bloom: an individual flower, one blossom to a stem.

Spike: a stalk carrying many stemless or nearly stemless flowers.

Spray: a portion of a plant with a number of flowers on one.

Stem: a stem with one or more flowers.

Disbudded: removal of the lateral buds along the stem of the flower.

Astors (3) Blooms

Bachelor Buttons (3) Blooms

Calendulus (3) Blooms

Chrysanthemums (1) Spray

Cosmos (3) Blooms

Dahlias, under 3" disbudded (3)

Dahlias, 3-6" diameter disbudded (3)

Dahlias, 6" and over disbudded (1)

Gladiolus (1) Spike

Gloriosa Daisy (3) Blooms

Lilies (1) Stalk

Marigold, African (1) Bloom

Marigold, French (3) Stems

Nasturtiums (3) Blooms

Petunia (3) stems

Roses, Miniature (1) Spray

Roses, Miniature (1) Spray

Roses, grown in clusters (more than 3 blooms)(1) Spray

Roses, Hybrid tea disbudded (1) Bloom

Roses, Other (1) Bloom

Snapdragon (3) Spikes

Statice (1) Spray

Straw Flowers (1) Stem

Sunflowers, (1) Bloom

Zinnias (3) Blooms

Other perennial cut (1) Spray, (1) Large Bloom, (3) Small Blooms

Other annual cut (1) Spray, (1) Large Bloom, (3) Small Blooms

713 100 011 Juniors, Exhibitors limited to 3 separate flower types.

713 100 012 Intermediates, Exhibitors limited to 4 separate types.

713 100 013 Seniors, Exhibitors limited to 5 separate flower types.

ARRANGEMENTS

Flowers may be grown or purchased by the exhibitor. Exhibit must include costs incurred in preparing the flower arrangement.

- 713 420 011 Juniors, arrangement of fresh flowers in a suitable container.
- 713 420 012 Intermediate, arrangement of fresh flowers, any choice of design.
- 713 420 013 Seniors, arrangement of fresh flowers, any choice of design.
- 713 420 023 Seniors, arrangement of fresh flowers, with theme, "Wonders of Oregon"
- 713 420 033 Seniors, miniature arrangement using dried or fresh materials, no larger than 8" X 8" X 8".

DRIED MATERIALS

Materials may be grown or purchased by the exhibitor.

- 713 130 041 Juniors, arrangement of dried materials.
- 713 130 042 Intermediates, arrangement of dried materials.
- 713 130 043 Seniors, arrangement of dried materials.

CONTAINER GARDENING

Plants entered in Container Gardening must be grown by the exhibitor. Exhibitors may enter only **one** exhibit in each class number. Member's name and county should be securely attached to the bottom of each container. Exhibits exceeding 30 pounds or measuring larger than 30" x 30" will not be accepted. Container Gardening Exhibit Information Card (716-02) must be firmly attached to the exhibit and covered with a closeable sandwich bag (ziplock) to keep the card dry. Please attach to the container with clear packaging tape or duct tape. Container exhibits will be cared for by 4-H volunteers at Oregon State Fair. The 4-H program can not be responsible for the condition of the plant when it is returned.

Exhibitors should use the online publication *Select and Prepare Herbs for Exhibit* (4H 2335) as reference. It can be found at: <http://extension.oregonstate.edu/catalog/4h/4-h2335.pdf>. Herb tables are found in the *Michigan 4-H Guide to Herb Gardening* (4-H 2329) however any herb available in your area of the state may be exhibited. Junior herb container garden must include 2 herbs from different species. Intermediate herb container garden must include at least 4 herbs from different species. Senior herb container garden must include at least 6 herbs of different species. Judging criteria are outlined on 4-H Container Garden Exhibit Score Card (40-640) available at County Extension office or on the State 4-H website at: <http://oregon.4h.oregonstate.edu/fair-exhibit-and-contest-materials>. **Container exhibits will be cared for by 4-H volunteers at Oregon State Fair. The 4-H program cannot be responsible for the condition of the plant when it is returned.**

CONTAINER GARDENING, JUNIOR

- 716 115 001 Terrarium (closed container)
- 716 115 021 Dish Garden (cacti & succulents, more than 1 plant)
- 716 114 031 Houseplant (1 plant)
- 716 113 041 Patio Plant (1 outdoor plant in a container)
- 716 113 141 Patio Planter (more than 1 outdoor plant, can be combination of annuals, perennials, herbs and/or vegetables)
- 716 112 051 Potted Vegetable
- 716 116 001 Potted Herbs (must be 2 herbs)
- 716 117 061 Other, for exhibits that do not fit in above classes

CONTAINER GARDENING, INTERMEDIATE

- 716 115 012 Terrarium (closed container)
- 716 115 022 Dish Garden (cacti & succulents, more than 1 plant)
- 716 114 032 Houseplant (1 plant)
- 716 113 042 Patio Plant (1 outdoor plant in a container)
- 716 113 142 Patio Planter (more than 1 outdoor plant, can be combination of annuals, perennials, herbs and/or vegetables)
- 716 112 052 Potted Vegetable
- 716 116 002 Potted Herbs (must include 3 herbs)
- 716 117 062 Other, for exhibits that do not fit in above classes
- 716 200 012 Display. An experiment with plants(s) in containers. Exhibit must show and include a written explanation of what was done and a summary of what was learned. Display not to exceed 30" wide x 24" deep x 36" high.

CONTAINER GARDENING, SENIOR

- 716 115 013 Terrarium (closed container)
- 716 115 023 Dish Garden (cacti & succulents, more than 1 plant)
- 716 114 033 Houseplant (1 plant)

- 716 113 043 **Patio Plant** (1 or more outdoor plants in a container)
 716 113 143 **Patio Planter** (more than 1 outdoor plant, can be combination of annuals, perennials, herbs and/or vegetables)
 716 112 053 **Potted Vegetable**
 716 116 003 **Potted Herbs**(must include 4 herbs)
 716 117 063 **Other**, for exhibits that do not fit in the above classes
 716 200 013 **Display**. An experiment with plant(s) in containers. Exhibit must show and include a written explanation of what was done and a summary of what was learned. Display not to exceed 30" wide x 24" deep and 36" high.
 716 300 013 **Commercial exhibit of plants** (flat or market package). Include planting dates, costs incurred, and suggested retail pricing.

VEGETABLES AND HERBS

The publication "Selecting and Preparing Vegetables for Exhibit", 4-H 2334, should be used by exhibitors as a reference **except for the specific numbers of vegetables required for plate and collection exhibits which is listed below**. This publication also provides tips for selecting and preparing vegetables for exhibit. Judging criteria are outlined on the 4-H Vegetable Collection Exhibit (712-01) and the 4-H Vegetable Garden Exhibit Score Card (712-02). The Vegetable Exhibit/Collection Explanation Card (712-07) is to be attached to each exhibit. These publications are available at the county Extension office or on the State 4-H website at: <http://oregon.4h.oregonstate.edu/resources/materials> Note that exhibitors can enter only **one** exhibit in each class with the exception "Other".

Plate Exhibits will be exhibited on 9" plates. Vegetable Collection exhibits must fit on a tray 18-1/2" x 14 -1/2" x 2-3/4". Paper plates and trays will be provided. Each exhibit will receive a ribbon. Vegetables will not be returned unless specifically requested. Any usable produce will be donated to a food bank.

Classes – Number of vegetables required in parentheses.

- Beans, Snap (Wax, Italian, Green) (5)
- Beans, Other (Dry, Horticulture, Limas, Purple)(5)
- Beets (5)
- Broccoli (1) Main head or (5) side shoots
- Carrots (5)
- Corn, Sweet (2)
- Cucumbers, Slicing (Lemon, Burpless, Slicing varieties) (2)
- Cucumbers, Pickling (5)
- Garlic, Regular (2), Elephant (1)
- Kohlrabi (2)
- Lettuce (1 plant) leaf lettuce in vase of water
- Onions, Bulb (3)
- Onions, Green (5 onions)
- Peas, in pod (5)
- Peppers, Bell or Sweet (2)
- Peppers, Hot (5)
- Potatoes (5)
- Pumpkins (1)
- Squash, Summer Crookneck (2)
- Squash, Summer Zucchini (2)
- Squash, Winter (1)
- Tomato, Large (over 2" in size including large Romas)(3)
- Tomatoes, Small (Cherry and others under 2" in size) (5)
- Tomato, other (5)
- Turnips (2)
- Other, # (refer to 4-H 2334)

VEGETABLE EXHIBITS

Vegetable, Junior

- 712 100 011 Plate exhibit of one type, limit three entries.
 712 100 021 Vegetable collection exhibit, include 3 different vegetables in the same amounts as required in plate exhibits.

Vegetable, Intermediate

- 712 100 012 Plate exhibit of one type, limit four entries.
 712 100 022 Vegetable Collection Exhibit, include 4 different vegetables in the same amounts as required in plate exhibits.
 712 200 032 Poster or Display, describing results of 4-H member's experimental garden. Display not to exceed 30" wide x 24" deep x 36" high

Vegetable, Senior

- 712 100 013 **Plate exhibit of one type**, limit five entries
712 100 023 **Vegetable Collection Exhibit**, include 5 different vegetables in the same amounts as required in plate exhibits.
712 100 033 **Commercial Display**, Include 10 lb. unit of produce with record of costs of commercial garden.
712 200 043 **Educational Display**, describing the experimental design and results of an experiment in commercial gardening.
Display not to exceed 30" wide x 24" deep x 36" high

HERBS

Herbs must be grown by the exhibitor. Exhibitors may enter only **one** exhibit in each class number. A Herb Dried, Fresh-Cut Explanation Card (712-06) must be firmly attached to all herb exhibits which are judged by the criteria in Herb Fresh Cut Exhibit Score Sheet (712-05) and Herb Dried Exhibit Score Sheet (712-04) which are available at the Extension office or on the State 4-H website at:
<http://oregon.4h.oregonstate.edu/fair-exhibit-and-contest-materials>

The publication *Select and Prepare Herbs for Exhibit* (4H 2335) should be used by exhibitors as reference which is online at: <http://extension.oregonstate.edu/catalog/4h/4-h2335.pdf>. Selection of herbs is the choice of the 4-H member. Any herb available in your area of the state may be exhibited. A list of herbs that could be selected for exhibits is listed in the *Michigan 4-H Guide To Herb Gardening* (4-H 2329) but may be taken from any table any year.

- 712 117 001 **Herbs, Fresh Cut, Junior** (on bunch with stems one inch in diameter)
712 117 011 **Cut Herb Collection, Junior** (include 3 different herbs in the same amounts as fresh cut exhibit)
712 117 002 **Herbs, Fresh Cut, Intermediate** (on bunch with stems one inch in diameter)
712 117 012 **Cut Herb Collection, Intermediate** (include 4 different herbs in the same amounts as fresh cut exhibit one that is new this year)
712 117 003 **Herbs, Fresh Cut, Senior** (on bunch with stems one inch in diameter)
712 117 013 **Cut Herb Collection, Senior** (include 5 different herbs in the same amounts as fresh cut exhibit, two that are new this year)
712 118 001 **Herbs, Dried, Junior**, Display all herbs in a self-closing bag: one-inch bunch secured with a twist tie or three tablespoons dried leaves or one tablespoon of dried seeds.
712 118 011 **Herbs, Dried Collection, Junior**, (3 herbs in the same amounts as dried herb exhibit)
712 118 002 **Herbs, Dried Intermediate**, Display all herbs in a self-closing bag: one inch bunch secured with a twist tie or three tablespoons dried leaves or one tablespoon of dried seeds.
712 118 012 **Herbs, Dried Collection, Intermediate**, (4 herbs in the same amounts as dried herb exhibit)
712 118 003 **Herbs, Dried Senior**, Display all herbs in a self-closing bag: one inch bunch secured with a twist tie or three tablespoons dried leaves or one tablespoon of dried seeds.
712 118 013 **Herbs, Dried Collection, Senior**, (5 herbs in the same amounts as dried herb exhibit)