

Container Gardening, Junior

- 716 115 012** Terrarium (closed container)
716 115 022 Dish Garden (cacti, bonsai, display more than one plant – a miniature garden)
716 114 032 Houseplant
716 113 042 Patio Plant (1 plant)
716 113 142 Patio Planter (more than 1 plant, can be combination of annuals and perennials)
716 122 052 Potted Vegetable
716 116 002 Potted Herbs (must be 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, bonsai, display more than one plant – a miniature garden).
716 114 033 Houseplant.
716 113 043 Patio Plant (1 plant).
716 113 143 Patio Planter (more than 1 plant, can be combination of annuals and perennials).
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.

Herbs

Herbs 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. A Herb Dried, Fresh-Cut Explanation Card (712-06) must be firmly attached to all herb exhibits which are judged by the criteria Herb Fresh Score Sheet (712-05) and Herb Dried Exhibit Score Sheet (712-04) which are available on the State 4-h Website. <http://oregon4h.org/state.edu/fair-exhibit-and-contest-materials>. or at the local Extension Office. A 5"x8" information card or piece of paper including common name, scientific name and care of plant(s) must be firmly attached to all herb exhibits. The card must include an explanation of the herb's use(s). Exhibits exceeding 30 pounds or measuring larger than 30" x 30" will not be accepted. A 4-H Container Garden Exhibit Information Card must accompany entries. If applicable describe the drying method. Selection of herbs is the choice of the 4-H member. Herbs exhibited must be consistent with the levels specified in the *Michigan 4-H Guide to Herb Gardening* (4-H 2329) projects. Only herbs from Tables One, Two and Three below may be displayed. Juniors may display herbs listed in Table one. A junior herb container garden must include 2 herbs from Table One. An intermediate herb container garden must include at least 3 herbs, with at least 2 of them from Table Two. A senior herb container garden includes at least 6 herbs. At least 2 of the 6 herbs in the Senior herb container garden must be from Table

Three.

Table 1. Herbs to grow for Juniors

Annuals	Perennials
Basil	Catnip or catmint
Borage	Chives
Dill	Lavender
Lemon balm	Sage
Marjoram	Thyme
Peppermint	Scented geraniums
Rosem	

Table 2. Herbs to grow for Intermediates

Annuals	Perennials
Anise	Garlic
Coriander	Greek oregano
Parsely	Hyssop
Summer savory	Pennyroyal
Sweet wormwood (Sweet Annie)	Pineapple sage
	Spearmint
Santolina Tansy	
Sweet woodruff	
Winter savory	

Table 3. Herbs to grow for Seniors

Annuals	Perennials
Angelica	Comfrey
Caraway	French sorrel
Chervil	French tarragon
Fennel	Horehound
German chamomile	Lady's mantle
Lemon verbena	Lovage
Roman chamomile	Salad burnet
Southernwood	Sweet Cicely
Wormwood	

Fresh cut herbs with their own vegetable class such as onion and garlic should be exhibited in that class, not in Fresh Cut Herbs class.

- 712 117 001 Herbs, Fresh Cut, Junior** (one bunch with stems one inch in diameter)
712 117 011 Cut Herb Collection, Junior (include 3 different herbs in same amounts as fresh cut exhibit)
712 117 002 Herbs, Fresh Cut, Intermediate (one 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 (one bunch with stems one inch in diameter)
712 117 013 Cut Herb Collection, Senior, (5 different herbs in the same amounts as fresh cut exhibit, two that re new this year.)

Herb Exhibits, Dried: The information card must include drying method. Basil, chives, dill leaves, fennel and parley should not be exhibited dried because they are best preserved by freezing. 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.
712 118 001 Herb, 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 dried seeds.
712 117 011 Cut Herb Collection, Junior (include 3 different herbs in same amounts a fresh cut exhibit)
712 118 002 Herb, Dried, Intermediate Display all herbs in a self-closing bag: one inch bunch, secured with a twist tie, or three tablespoons of dried leaves or

one tablespoon of dried seeds.

- 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).
712 118 003 Herb, Dried, Senior Display all herbs in a self-closing bag: one inch bunch, secured with a twist tie, or three tablespoons of dried leaves or one tablespoon of dried seeds.
712 117 013 Cut Herb Collection, Senior, (5 different herbs in same amounts as fresh cut exhibit, two that are new this year).

NATURAL SCIENCES PROJECTS

All projects checked in Monday, Aug. 8, 2016 at 2 p.m.

Forestry

All forestry exhibitors may make two forestry exhibits. One as Mounted Forestry Specimen and one in the Advanced Forestry exhibit. Please refer to the "4-H Forestry Exhibit Requirements and Classes" (4-H 33121). Some of the Family names have changed, especially the flowering trees, shrubs and wildflowers as below:

Current Family Name on Approved Species List
Change to: according to the Plants of the Pacific NW Coast book.
Pea Family (Leguminosae),
Pea Family (Fabaceae)
Sunflower Family (Compositae)
Aster Family (Asteraceae)

Who May Exhibit

Junior, Intermediate and Senior members may make one or more exhibits - one mounted as a Forestry Specimen and one in each qualified Advanced Forestry exhibit class. Please refer to the *4-H Forestry Exhibit Requirements and Classes (4-H 33121)*. Note: Each exhibit must be labeled with the member's name, county and class number. For members who have previously been in 4-H forestry, exhibit all their mounts (the total number of mounts will be higher than listed in the division through 2011 fair), but only the 5 new ones will be judged. If you want to redo mounts to meet the new requirements you may do so.

Mounted Forestry Specimens

Tree and shrub specimens exhibit must be listed on the official forestry specimens list available in *4-H Forestry Exhibit Requirements and Classes (4-H 33121)*. For Seniors exhibiting wild flowers and ferns use the "other Reference Texts" list. Intermediate and Senior members must use the *Specimen Collection Site Analysis Sheet* for each specimen collected.

Junior Division

- 441 100 011** Forestry Junior First Year: index 5 mounts, all must be trees
441 100 021 Forestry Junior Second & Third Year: Index 10-15 mounts, all must be trees. Only the index and 5 new mounts will be judged.

Intermediate & Senior Divisions

The number of mounts may vary depending on the number of years in the project. All mounts should be exhibited. The new mounts should be placed in front of the old mounts in the book. Only the index and 5 new mounts with site analysis sheets will be judged. Intermediates new mounts may include trees and