

DIVISION 6015 – HORTICULTURE AND PLANT SCIENCE

A class of exhibits representing horticulture and plant science projects will be included in the Kentucky State Fair. Project entry must meet all the requirements for the class; otherwise, the entry will be disqualified. Entries will be limited to one project per class from each county. Examples of acceptable exhibits are listed below. Plants, photographs or other visual aids are necessary for most projects. Classes will be governed by the following:

- a. Exhibits will be judged on the quality of the primary (horticulture) project work.
- b. All plants exhibited **MUST** have been grown by the 4-Her for at least 6 months. Exceptions will be made with terrariums, dish gardens, and annual and vegetable bucket gardens which may have been grown for a shorter period of time.
- c. Items improperly entered will be disqualified.
- d. Exhibits entered with pesticide residue will be disqualified and disposed of.
- e. Care will be provided for all plants. However, because of low light, air conditioning, etc., no guarantee can be made that the plants will be returned in their original condition. Plants are entered at the risk of the exhibitor.
- f. Vegetable entries should be fresh, with the label on top of exhibit. Do not stick toothpicks in produce.

Securely attach the 4-H Identification Card to the exhibit in a location which can be seen by the public once the item is placed or displayed. Attach neatly with tape; punch a hole in the corner of the ID tag and attach with a string or rubber band; or attach card to a floral pick and insert in the pot.

Youth should **NOT** use garden soil in containers. Use well-drained, disease-free potting soil for all containers.

561 Environmental Awareness: Note: a one-page description of project must accompany entry item (type or printed neatly) to be eligible for entry. Examples include:

- a. Tree planting on city property, roadways, parks, etc.
- b. Home landscaping
- c. Composting

562 Production and Marketing: Examples include:

- a. Vegetable garden planted for home and/or market use.
- b. The planting, production, or management of fruit plantings.
- c. The planting, production, or management of trees, shrubs, greenhouse crops or garden perennials.

563 Experimental Horticulture: Note: a one-page description of project must accompany entry item (type or printed neatly) to be eligible for entry. Examples include:

- a. "Science fair" type of exhibit involving experimental work with plants
- b. Comparison of different varieties of vegetables or annual flowers
- c. Comparison of mulching or other cultural practices

564 Horticultural Project Exhibits: Note: a one-page description of project must accompany entry item (type or printed neatly) to be eligible for entry. Examples include:

- a. How to propagate plants
- b. How to force spring bulbs
- c. How to start seeds
- d. How to graft cacti
- e. How to dry herbs

Cooperative Extension Service

Agriculture and Natural Resources
Family and Consumer Sciences
4-H Youth Development
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Disabilities
accommodated
with prior notification.

Lexington, KY 40506

Plant Display: Youth should NOT use garden soil in containers. Use well-drained, disease-free potting media for all containers.

565 Terrariums (container should be clear, enclosing the entire plant display, with or without a lid; all plants need to be actively growing)

566 Dish gardens (desert or tropical) (container should be shallow, with container not exceeding 6 inches tall from base)

567 Vegetable container gardens (grown in container - not dug out of the garden)

568 Annual container gardens (non-vegetable)

569 House plants

570 Hanging baskets

571 Herb container garden (labels are not required)

572 Window box display

573 Upcycle container garden (previously used container recycled, example, wood pallet garden)

574 Garden and/or Orchard Displays: The exhibitor may exhibit as many different fruits and/or vegetables from their garden as desired (minimum of five types). Any size or type of produce may be displayed in the 2 foot x 3 foot area provided for each exhibit. The exhibit must be in a display container (box or basket) which can be easily moved. Vegetables will not be returned to exhibitor. They will be judged as follows:

Quality of produce	40%
Attractiveness of container	30%
Uniformity and true-to-typeness	10%
Number of different types	15%
Labeling	5%

Vegetable Displays: 4-Hers may also exhibit plates of vegetables. A white paper plate for vegetables must be supplied by the exhibitor. These vegetables will not be returned to the exhibitor. Classes of vegetables will be limited to:

575 Tomato, cherry (5 per plate) Must be ripe (red or yellow color only) type

576 Tomato, beef steak (5 per plate)

577 Tomato, heirloom (5 per plate)

578 Peppers, hot (5 per plate)

579 Peppers, bell (5 per plate)

580 Peppers, sweet (5 per plate)

581 Cucumbers, slicing (5 per plate)

582 Cucumbers, pickling (5 per plate)

583 Beans, snap or lima (12 per plate)

584 Corn, sweet (in the husk with silks) (5 ears per plate)*

585 Cantaloupe (1 whole)

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586 Squash, summer (3 per plate)

587 Eggplant (3 per plate)

588 Potato (5 per plate)

* Place ears of corn in a tote or plastic bag (such as a grocery bag). Sealed plastic bags (such as Ziplock bags) are not recommended because the sealed bags can cause the corn to mold and have a bad odor.

Vegetable Displays information continued on next page...

They will be judged as follows:

Condition	25%
Quality	20%
Uniformity	20%
True-To Type	20%
Size	15%

Consult Exhibiting and Judging Vegetables (4AH-16PA) to learn the characteristics of these criteria.

Largest Vegetable Displays: The largest vegetable may not be the highest quality, nevertheless, it is unique. The largest entry in each of the following classes will receive a class champion ribbon.

589 Largest Tomato (by weight); must be ripe (red or yellow color only)

590 Largest Pumpkin (by weight)

591 Largest Watermelon (by weight)

Revised 10/2024

